



EDB Postgres Enterprise Manager REST APIs

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1 EDB Postgres Enterprise Manager REST APIs

EDB Postgres Enterprise Manager uses the token based authentication mechanism to allow access to the exposed REST APIs.

PEM uses token for authentication purposes. To generate the a token, please refer the section [Token](#). After receiving a token string, you should include the token string in the 'X-Auth-Token' header when calling any resources except `https://PEM-SERVER-IP/api/token/`.

NOTE:

- EDB Postgres Enterprise Manager *is referred as* PEM *in this documentation*.
- PEM *uses self-certified SSL certificates, hence - you may get error like 'SSL certificate problem: self signed certificate'. You may need to use the 'insecure' connection to connect to the server.

Rest api versions:

- [1](#)
- [2](#)
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Base URLs:

- [/api](#)

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Token

A string generated, and used by PEM REST APIs for authentication purpose.

Generate a token for authentication

Code samples

POST `/token/`

This url creates a token, to be used by the other REST APIs, exposed by PEM. It needs valid username, password, which will be validated during the process.

This token will be valid for 20 mins.

Body parameter

```
{
  "username": "string",
  "password": "string"
}
```

Parameters

Name	In	Type	Required	Description
body	body	object	true	Create the token using the /token/ url first.
» username	body	string	true	Validate username, which has pem_user role.
» password	body	string	true	password for the username

Example responses

201 Response

```
{
  "issuedAt": "2019-08-24T14:15:22Z",
  "expiresAt": "2019-08-24T14:15:22Z",
  "schema_version": 0,
  "backend_schema_version": 0,
  "version_long": 0,
  "version": "string",
  "supported_api_versions": [
    "string"
  ],
  "deprecated_api_versions": [
    "string"
  ]
}
```

Responses

Status	Meaning	Description	Schema
201	Created	Token created, and can be found as 'X-Subject-Token' in the response header.	Inline
401	Unauthorized	The given information is not valid.	None
500	Internal Server Error	Something went wrong.	None
503	Service Unavailable	PEM backend database server is down. Hence - service is not available for now.	None

Response Schema

Status Code 201

Contains the information related, when the token was generated, and expired.

Name	Type	Required	Restrictions	Description
» issuedAt	string(date-time)	false	none	Token was generated at this time.
» expiresAt	string(date-time)	false	none	It says - when the token will be expired on.
» schema_version	integer	false	none	Application supported schema version
» backend_schema_version	integer	false	none	Backend database schema version
» version_long	integer	false	none	Version represented in long format
» version	string	false	none	String representation of the PEM version
» supported_api_versions	[string]	false	none	List of supported API versions
» deprecated_api_versions	[string]	false	none	List of deprecated API versions

Response Headers

Status	Header	Type	Format	Description
201	X-Subject-Token	string		Returns the new token, which can be used with REST APIs for further operations

This operation does not require authentication

Release the token

Code samples

```
DELETE /token/
```

Invalidate the token. It will no longer be available for further operations.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
204	No Content	Successfully released the token from PEM.	
	None	This token can not be used for any further operations.	

Response Schema

This operation does not require authentication

2 EDB Postgres Enterprise Manager REST APIs v1.0

NOTE:

- EDB Postgres Enterprise Manager *is referred as PEM in this documentation.*
- PEM *uses self-certified SSL certificates, hence - you may get error like 'SSL certificate problem: self signed certificate'. You may need to use the 'insecure' connection to connect to the server.*

PEM exposes end-points (REST APIs) for the following operations:

- *Retrieval of the objects retrieved from the monitored server, and agents.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for probes.*
- *Retrieval of the statistics/metrics data (including the historical data) collected by different probes.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alerts.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for email group used by the alerts mechanism.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alert templates used by the alerts.*
- *Retrieval, and Update of the probe configuration.*
- *Copy the agents/servers/database/schema level probe configurations to other same level, or lower level objects.*
- *Copy the alert configuration of one object to other objects.*
- *Retrieval, and Update the PEM-server configurations.*

Base URLs:

- [/api/v1](#)

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Object

Object can be an pem-agent, a monitored server, or a database object (i.e. database, schema, table, index, sequence, function, view).

Retrieve of the pem-agent information

Code samples

```
GET /agent/
```

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Agent

This operation does not require authentication

Retrieve the information for the agent, identified by the `agent_id`.

Code samples

```
GET /agent/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Agent

This operation does not require authentication

Update the agent information

Code samples

```
PUT /agent/{agent_id}
```

Body parameter

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string"
  }
]
```

Parameters

Name	In	Type	Required	Description
agent_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Agent	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Retrieval of the managed server list

Code samples

```
GET /server/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "host": "string",
    "port": 0,
    "database": "string",
    "ssl": 0,
    "serviceid": "string",
    "active": true,
    "alert_blackout": true,
    "owner": 0,
    "team": "string",
    "server_owner": "string",
    "is_remote_monitoring": true,
    "efm_cluster_name": "string",
    "efm_service_name": "string",
    "efm_installation_path": "string",
    "comment": "string",
    "username": "string",
    "gid": 0,
    "db_restriction": "string",
    "role": "string",
    "is_edb": true,
    "agent_id": 0,
    "asb_host": "string",
    "asb_port": 0,
    "asb_username": "string",
    "asb_database": "string",
    "asb_sslmode": "string",
    "asb_password": "string",
    "asb_allowtakeover": "string",
    "agent_capability_list": [
      "string"
    ],
    "agent_description": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Server]	false	none	none

Name	Type	Required	Restrictions	Description
» id	integer	false	none	Server id
» name	string	false	none	Server name
» host	string	false	none	Server host
» port	integer	false	none	Server port
» database	string	false	none	Maintenance databse
» ssl	integer	false	none	SSL mode
» serviceid	string	false	none	Server service id
» active	boolean	false	none	Defines whether the server is active, or not.
» alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
» owner	integer	false	none	ID of the owner, who registered the server with PEM.
» team	string	false	none	Defines the role/username, who can see the server information.
» server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
» is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
» efm_cluster_name	string	false	none	Cluster name of EFM
» efm_service_name	string	false	none	Service name of EFM
» efm_installation_path	string	false	none	Installation Path of EFM
» comment	string	false	none	Description about the Server.
» username	string	false	none	Username for connecting the database server.
» gid	integer	false	none	ID of the Server group
» db_restriction	string	false	none	Database restriction SQL clause
» role	string	false	none	The role the connection will use
» is_edb	boolean	false	none	Is server an EDB Advanced Server?
» agent_id	integer	false	none	Server agent id
» asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
» asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
» asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
» asb_database	string	false	none	PEM database to which agent will connect.
» asb_sslmode	string	false	none	PEM database ssl mode.
» asb_password	string	false	none	empty string.
» asb_allow takeover	string	false	none	Whether server allowed to take over by another agent.
» agent_capability_list	[string]	false	none	Array of capabilities the agent has
» agent_description	string	false	none	Agent description

This operation does not require authentication

Add a new managed database server.

Code samples

POST /server/

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string"
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the information for the server, identified by the `server_id`.

Code samples

```
GET /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string"
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Created successfully	Server

This operation does not require authentication

Update the server information

Code samples

```
PUT /server/{server_id}
```

Body parameter

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string"
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the server by PEM.

Code samples

```
DELETE /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the list of properties of database(s) for a managed server.

Code samples

```
GET /server/{sid}/database/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "database_name": "string",
    "connections_allowed": true,
    "system_database": true,
    "recorded_time": "2019-08-24T14:15:22Z",
    "encoding": "string",
    "server_id": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Database]	false	none	none
» database_name	string	false	none	Database name
» connections_allowed	boolean	false	none	Is connection to database allowed
» system_database	boolean	false	none	Is database system database
» recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
» encoding	string	false	none	Database encoding
» server_id	integer	false	none	Server id of database

This operation does not require authentication

Retrieve the properties of the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}
```

Parameters

Name	In	Type	Required	Description
db_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Database

This operation does not require authentication

Retrieve the list of properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Schema]	false	none	none
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name of schema
» server_id	integer	false	none	Server id schmea
» recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}
```

Parameters

Name	In	Type	Required	Description
schema_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Schema

This operation does not require authentication

Retrieve the list of properties of tables resides under a schema for the particular database of a

managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "has_primary_key": true,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Table]	false	none	none
» table_name	string	false	none	Table name
» schema_name	string	false	none	schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» has_primary_key	boolean	false	none	Weather table has primary key
» recorded_time	string	false	none	When table was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/{table_name}
```

Parameters

Name	In	Type	Required	Description
table_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Table

This operation does not require authentication

Retrieve the list of properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "index_name": "string",
    "ind_keys": [
      0
    ],
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Index]	false	none	none
» index_name	string	false	none	Index name
» ind_keys	[integer]	false	none	indexed column positions in table
» table_name	string	false	none	Table name
» schema_name	string	false	none	Schema
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string	false	none	When index was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/{index_name}
```

Parameters

Name	In	Type	Required	Description
index_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Index

This operation does not require authentication

Retrieve the list of properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "sequence_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Sequence]	false	none	none
» sequence_name	string	false	none	Sequence name
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/{sequence_name}
```

Parameters

Name	In	Type	Required	Description
sequence_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Sequence

This operation does not require authentication

Retrieve the list of properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "view_name": "string",
    "view_type": "string",
    "ispopulated": true,
    "view_owner": "string",
    "definition": "string",
    "tablespace_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[View]	false	none	none
» view_name	string	false	none	View name
» view_type	string	false	none	View type
» ispopulated	boolean	false	none	Is view populated
» view_owner	string	false	none	View owner
» definition	string	false	none	View definition
» tablespace_name	string	false	none	View tablespace
» schema_name	string	false	none	View schema
» database_name	string	false	none	View database
» server_id	integer	false	none	View server id
» recorded_time	string	false	none	When view was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/{view_name}
```

Parameters

Name	In	Type	Required	Description
view_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	View

This operation does not require authentication

Retrieve the list of properties of functions resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "function_name": "string",
    "function_type": "string",
    "return_type": "string",
    "arg_types": [
      "string"
    ],
    "function_binary": "string",
    "extension_name": "string",
    "package_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Function]	false	none	none
» function_name	string	false	none	Function name
» function_type	string	false	none	Function type
» return_type	string	false	none	Function return type
» arg_types	[string]	false	none	Function argument types
» function_binary	string	false	none	none
» extension_name	string	false	none	none
» package_name	string	false	none	Function package name
» schema_name	string	false	none	Function schema
» database_name	string	false	none	Function database name
» server_id	integer	false	none	Function server id
» recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of function resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/{function_name}
```

Parameters

Name	In	Type	Required	Description
function_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Function

This operation does not require authentication

Alerts

get__alert_config_global__

Code samples

```
GET /alert/config/global/
```

Gets Alerts for global level.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_global_

Code samples

```
POST /alert/config/global/
```

Create **Alert** for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_global_{id}

Code samples

```
GET /alert/config/global/{id}
```

Gets Alerts for global level by alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_global_{id}

Code samples

```
PUT /alert/config/global/{id}
```


Update **Alert** for global level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_global_{id}

Code samples

```
DELETE /alert/config/global/{id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}

Code samples

```
GET /alert/config/agent/{agent_id}
```

Gets **Alerts** for agent level by agent_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_agent_{agent_id}

Code samples

```
POST /alert/config/agent/{agent_id}
```

Create **Alert** for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
GET /alert/config/agent/{agent_id}/{alert_id}
```

Gets Alerts for agent level by agent_id and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
PUT /alert/config/agent/{agent_id}/{alert_id}
```

Update **Alert** for agent level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
DELETE /alert/config/agent/{agent_id}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}

Code samples

```
GET /alert/config/server/{server_id}
```

Gets **Alerts** for server level by server_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}

Code samples

```
POST /alert/config/server/{server_id}
```

Create **Alert** for server level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}_{alert_id}

Code samples

```
GET /alert/config/server/{server_id}/{alert_id}
```

Gets Alerts for server level by server_id and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/{alert_id}
```

Update **Alert** for server level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_server_{server_id}_{alert_id}

Code samples

```
DELETE /alert/config/server/{server_id}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}
```

Gets **Alerts** for database level by server_id and database_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.

Name	Type	Required	Restrictions	Description
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.

Name	Type	Required	Restrictions	Description
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}
```

Create **Alert** for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Gets Alerts for database level by server_id, database_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Update **Alert** for database level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
DELETE /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Delete the `Alert` object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Gets **Alerts** for schema level by server_id, database_name and schema_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for **snmp_trap_version** parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Create `Alert` for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert
```

Gets Alerts for schema level by server_id, database_name, schema_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert

Update **Alert** for schema level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets Alerts for table level by server_id, database_name, schema_name and table_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.

Name	Type	Required	Restrictions	Description
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.

Name	Type	Required	Restrictions	Description
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Create `Alert` for table level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets Alerts for table level by server_id, database_name, schema_name, table_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_n`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/

Update **Alert** for table level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table`

Code samples

```
DELETE
```

```
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name and index_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Create `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets **Alerts** for index level by server_id, database_name, schema_name, index_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_r`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/

Update **Alert** for index level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets Alerts for sequence level by server_id, database_name, schema_name and sequence_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Create `Alert` for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets **Alerts** for sequence level by server_id, database_name, schema_name, sequence_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen

Update **Alert** for sequence level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence{sequence_name}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name and view_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Create `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets **Alerts** for view level by server_id, database_name, schema_name, view_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{

Update **Alert** for view level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Gets Alerts for function level by server_id, database_name, schema_name and function_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "template_id": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fun`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Create `Alert` for function level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}/alert/{alert_id}
```

Gets **Alerts** for function level by server_id, database_name, schema_name, function_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}

Update **Alert** for function level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated

Name	In	Type	Required	Description
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fu`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Delete the `Alert` object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Copy Alert

post__alert_copy_agent_{agent_id}

Code samples

```
POST /alert/copy/agent/{agent_id}
```

Copy agent level alert to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
body	body	CopyAlertAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}

Code samples

```
POST /alert/copy/server/{server_id}
```

Copy server level alert to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
body	body	CopyAlertServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}`

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}
```

Copy database level alert to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
body	body	CopyAlertDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy schema level alert to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
body	body	CopyAlertSchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Copy table level alert to another table

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
body	body	CopyAlertTableData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Copy index level alert to another index

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
body	body	CopyAlertIndexData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}function{funct`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Copy function level alert to another function

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
body	body	CopyAlertFunctionData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

```
post__alert_copy_server_{server_id}database{database_name}schema{schema_name}sequence{sequ
```

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Copy sequence level alert to another sequence

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
body	body	CopyAlertSequenceData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Alert template

get__alert_template__

Code samples

```
GET /alert/template/
```

Gets Alert templates.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "description": "string",
    "default_history_retention": 0,
    "object_type": 0,
    "sql": "string",
    "applicable_on_server": "ALL",
    "default_check_frequency": 0,
    "threshold_unit": "string",
    "is_system_template": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertTemplate]	false	none	none
» id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
» default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
» object_type	integer	false	none	
» sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
» applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
» default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
» threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
» is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER

Property	Value
applicable_on_server	ADVANCED_SERVER

This operation does not require authentication

post__alert_template_

Code samples

```
POST /alert/template/
```

Create Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_template_{id}

Code samples

```
GET /alert/template/{id}
```

Gets Alert template identified by the id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertTemplate

This operation does not require authentication

put__alert_template_{id}

Code samples

```
PUT /alert/template/{id}
```

Update Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_template_{id}

Code samples

```
DELETE /alert/template/{id}
```

Delete the Alert template.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Custom Probe

get__probe_

Code samples

```
GET /probe/
```

Get all the custom/system probes.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "enabled": true,
    "target_type": 0,
    "internal_name": "string",
    "is_system_probe": true,
    "any_server_version": true,
    "collection_method": "w",
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_id": 0,
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_internal_name": "string",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_position": 0,
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomProbes]	false	none	none
» probe_id	integer	false	none	Identifier for a probe.

Name	Type	Required	Restrictions	Description
» probe_name	string	false	none	Name of the probe.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default. Defines the type of the object on which the probe is applicable to. <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type	integer	false	none	
» internal_name	string	false	none	Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.
» is_system_probe	boolean	false	none	Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.
» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.

Name	Type	Required	Restrictions	Description
» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
» probe_columns	[object]	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestampz
»» pc_data_type	string	false	none	
»» pc_internal_name	string	false	none	Returns the internal name of the column.
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»» pc_position	integer	false	none	Returns the position of the column in the internal table.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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10905	PostgreSQL 9.5																													
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21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
»» server_version_id	integer	false	none																											
»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real

Property	Value
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

post__probe_

Code samples

POST /probe/

Create new custom probe

Body parameter

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_{probe_id}

Code samples

```
GET /probe/{probe_id}
```

Get probe information for specified probe id.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	CustomProbes

This operation does not require authentication

put__probe_{probe_id}

Code samples

```
PUT /probe/{probe_id}
```

Update custom/system probe information for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__probe_{probe_id}

Code samples

```
DELETE /probe/{probe_id}
```

Delete the custom probe.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Probe Configuration

get__probe_config_server_{server_id}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/{probe_id}
```

Get server level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}_{probe_id}

Code samples

```
PUT /probe/config/server/{server_id}/{probe_id}
```

Update server level probe configuration for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Get all the schema level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe
```

Get schema level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
PUT
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Update schema level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get all the table level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get table level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get all the index level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get index level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get all the sequence level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get sequence level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get all the function level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get function level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Get all the view level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Get view level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_agent_{agent_id}

Code samples

```
GET /probe/config/agent/{agent_id}
```

Get all the agent level probes.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}

Code samples

```
GET /probe/config/server/{server_id}
```

Get all the server level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}
```

Get all the database level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Get database level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
PUT /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Update database level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Name	In	Type	Required	Description
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Copy Probe

post__probe_copy_agent_{agent_id}

Code samples

```
POST /probe/copy/agent/{agent_id}
```

Copy Agent level probe to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
body	body	CopyAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}

Code samples

```
POST /probe/copy/server/{server_id}
```

Copy Server level probe to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
body	body	CopyServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}

Code samples

```
POST /probe/copy/server/{server_id}/database/{database_name}
```

Copy Database level probe to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
body	body	CopyDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /probe/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy Schame level probe to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
body	body	CopySchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Probe data

get__probe_data_agent_{agent_id}_{probe_id}

Code samples

```
GET /probe/data/agent/{agent_id}/{probe_id}
```

Gets [Probe data](#) for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/{probe_id}
```

Gets **Probe data** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/{probe_id}
```

Gets **Probe data** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Gets **Probe data** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Gets **Probe data** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{index_name}
```

Gets **Probe data** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}sequence{sequ`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Gets **Probe data** for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}view{view_nam`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{vi
```

Gets **Probe data** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets **Probe data** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Probe history

`get__probe_history_agent_{agent_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/agent/{agent_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/server/{server_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}from{start_time}to{end_time}_{prol`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/from/{start_time}/to/{end_
```

Gets **Probe history** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

```
get__probe_history_server_{server_id}database{database_name}schema{schema_name}from{start_t
```

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/from/
```

Gets **Probe history** for schema.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/table
```

Gets `Probe history` for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/index
```

Gets **Probe history** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/seque
```

Gets `Probe history` for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/view/
```

Gets **Probe history** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
```

`/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/funct`

Gets **Probe history** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Schemas

AlertPayload

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.

Name	Type	Required	Restrictions	Description
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

Alert

```

{
  "id": 0,
  "alert_name": "string",
  "template_id": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
template_id	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none

Name	Type	Required	Restrictions	Description
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.

Name	Type	Required	Restrictions	Description
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

AlertParams

```
{
  "paramname": "string",
  "paramvalue": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
paramvalue	string	false	none	Value for the given parameter

AlternateServerProbeCode

```
{
  "server_version_id": 0,
  "server_probe_code": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr><td>10905</td><td>PostgreSQL 9.5</td></tr> <tr><td>10906</td><td>PostgreSQL 9.6</td></tr> <tr><td>11000</td><td>PostgreSQL 10</td></tr> <tr><td>11100</td><td>PostgreSQL 11</td></tr> <tr><td>11200</td><td>PostgreSQL 12</td></tr> <tr><td>11300</td><td>PostgreSQL 13</td></tr> <tr><td>20905</td><td>Postgres Plus Advanced Server 9.5</td></tr> <tr><td>20906</td><td>Postgres Plus Advanced Server 9.6</td></tr> <tr><td>21000</td><td>EDB Postgres Advanced Server 10</td></tr> <tr><td>21100</td><td>EDB Postgres Advanced Server 11</td></tr> <tr><td>21200</td><td>EDB Postgres Advanced Server 12</td></tr> <tr><td>21300</td><td>EDB Postgres Advanced Server 13</td></tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
server_version_id	Database Server																													
10905	PostgreSQL 9.5																													
10906	PostgreSQL 9.6																													
11000	PostgreSQL 10																													
11100	PostgreSQL 11																													
11200	PostgreSQL 12																													
11300	PostgreSQL 13																													
20905	Postgres Plus Advanced Server 9.5																													
20906	Postgres Plus Advanced Server 9.6																													
21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											
server_probe_code	string	false	none	SQL query to run on the specified server version																										

DeletedAlternateServerProbeCode

```
{
  "server_version_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
				Server version id for the support monitored server
				server_version_id
				Database Server
				10905 PostgreSQL 9.5
				10906 PostgreSQL 9.6
				11000 PostgreSQL 10
				11100 PostgreSQL 11
				11200 PostgreSQL 12
server_version_id	integer	false	none	11300 PostgreSQL 13
				20905 Postgres Plus Advanced Server 9.5
				20906 Postgres Plus Advanced Server 9.6
				21000 EDB Postgres Advanced Server 10
				21100 EDB Postgres Advanced Server 11
				21200 EDB Postgres Advanced Server 12
				21300 EDB Postgres Advanced Server 13

AlertTemplate

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
				Defines the type of the object on which this alert template is applicable to.
object_type	integer	false	none	<ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER

CustomProbes

```
{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Identifier for a probe.
probe_name	string	false	none	Name of the probe.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
internal_name	string	false	none	<p>Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.</p>
is_system_probe	boolean	false	none	<p>Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.</p>
any_server_version	boolean	false	none	<p>Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.</p>

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_id	integer	false	none	Identifier of the column
» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestamptz
» pc_data_type	string	false	none	
» pc_internal_name	string	false	none	Returns the internal name of the column.
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_position	integer	false	none	Returns the position of the column in the internal table.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePostData

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
probe_name	string	false	none	Name of the probe.
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
» pc_data_type	string	false	none	numeric
				real
				text
				text[]
				timestamp
				timestamptz
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision

Property	Value
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePutData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	object	false	none	none
» changed	object	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
alternate_code	object	false	none	none
» changed	[AlternateServerProbeCode]	false	none	List of the changed alternate probe code for some server version.
» deleted	[DeletedAlternateServerProbeCode]	false	none	List of the delete alternate probe code for some server versions.
» added	[AlternateServerProbeCode]	false	none	List of the alternate probe code added for some server versions.

Probes

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Unique id of the probe.
probe_name	string	false	none	Name of the probe.
default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
default_lifetime	integer	false	none	Defines the default history data retention time (in days).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

ProbeConfigData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Probe execution frequency (in minutes). Allowed interval value (in minutes) is 0-2880 minutes. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
interval_sec	integer	false	none	Probe execution frequency (in seconds). Allowed interval value (in seconds) is 0-59 seconds. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
lifetime	integer	false	none	Probe history data retention period (in days). i.e. $1 \geq \text{lifetime} \geq 365$.
enabled	boolean	false	none	Enable/Disable probe for the given object.

CopyAgentData

```
{
  "type": "string",
  "agent_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

CopyServerData

```
{
  "type": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none

CopyDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none

CopySchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none

CopyAlertAgentData

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

Name	Type	Required	Restrictions	Description
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertServerData

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertTableData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "table"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
table_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertIndexData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "index"

Name	Type	Required	Restrictions	Description
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
index_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertFunctionData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "function"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
function_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSequenceData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "sequence"
server_id	integer	false	none	none

Name	Type	Required	Restrictions	Description
database_name	string	false	none	none
schema_name	string	false	none	none
sequence_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

Agent

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string"
  }
]
```

Returns the list of the objects, which contains the agent information, version, capabilities, and details about the host on which it has been installed.

For example:

```
\
[
  {
    /* Agent information */
    "id": 1,
    "name": "Postgres Enterprise Manager Host"
    "version": "6.0.1",
    "active": True,
    "heartbeat_int": 30,
    "alert_blackout": False,
    "owner": "postgres",
    "team": None,

    /* Deatils about the Host, on which it is installed */
    "operating_sys": "Ubuntu 12.04.5 LTS",
    "host_name": "akshay-ubuntu",

    "boot_time": "2016-09-19 12:28:27+05:30",
    "domain_name": "(none)",
    "window_domain": None,

    /* Agent capabilities */
    "capability_list": "unix, getloadavg, disk_space, memory_usage, cpu_usage, network_
os_statistics, os_info, slony_replication, auto_discover_servers, allow_server_restar

    /* Monitored servers */
    "server_bind": "Postgres Enterprise Manager Server, PostgreSQL 9.3, PostgreSQL 9.4"
  }
]
```

a

Properties

Name	Type	Required	Restrictions	Description
id	integer	true	none	Identity of the pem-agent
name	string	true	none	Description (name) of the agent.
version	string	true	none	Version of the pem-agent
active	boolean	true	none	Whether the agent is active, or not. An active agent is responsible for collecting the statistics for the host, and the monitored server..
heartbeat_int	integer	true	none	heartbeat interval (in seconds) for the agent. How frequently the agent will send the heartbeat status to the PEM database server about itself, and the monitoring database server.
alert_blackout	boolean	true	none	Flag to indicates about the alert blacked out for the agent
owner	string	true	none	Username, using whom the agent was installed, is called owner.
team	string	true	none	Name of the role/user, who can see this agent. null/empty value suggest, all user can see this agent.

Server

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string"
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server id
name	string	false	none	Server name
host	string	false	none	Server host
port	integer	false	none	Server port
database	string	false	none	Maintenance databse
ssl	integer	false	none	SSL mode
serviceid	string	false	none	Server service id
active	boolean	false	none	Defines whether the server is active, or not.
alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
owner	integer	false	none	ID of the owner, who registered the server with PEM.

Name	Type	Required	Restrictions	Description
team	string	false	none	Defines the role/username, who can see the server information.
server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
efm_cluster_name	string	false	none	Cluster name of EFM
efm_service_name	string	false	none	Service name of EFM
efm_installation_path	string	false	none	Installation Path of EFM
comment	string	false	none	Description about the Server.
username	string	false	none	Username for connecting the database server.
gid	integer	false	none	ID of the Server group
db_restriction	string	false	none	Database restriction SQL clause
role	string	false	none	The role the connection will use
is_edb	boolean	false	none	Is server an EDB Advanced Server?
agent_id	integer	false	none	Server agent id
asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
asb_database	string	false	none	PEM database to which agent will connect.
asb_sslmode	string	false	none	PEM database ssl mode.
asb_password	string	false	none	empty string.
asb_allowtakeover	string	false	none	Whether server allowed to take over by another agent.
agent_capability_list	[string]	false	none	Array of capabilities the agent has
agent_description	string	false	none	Agent description

Database

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
database_name	string	false	none	Database name

Name	Type	Required	Restrictions	Description
connections_allowed	boolean	false	none	Is connection to database allowed
system_database	boolean	false	none	Is database system database
recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
encoding	string	false	none	Database encoding
server_id	integer	false	none	Server id of database

Schema

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name of schema
server_id	integer	false	none	Server id schmea
recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

Table

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
table_name	string	false	none	Table name
schema_name	string	false	none	schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
has_primary_key	boolean	false	none	Weather table has primary key
recorded_time	string	false	none	When table was first detected by PEM agent

Index

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
index_name	string	false	none	Index name
ind_keys	[integer]	false	none	indexed column positions in table
table_name	string	false	none	Table name
schema_name	string	false	none	Schema
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string	false	none	When index was first detected by PEM agent

Sequence

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
sequence_name	string	false	none	Sequence name
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

Function

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
function_name	string	false	none	Function name
function_type	string	false	none	Function type
return_type	string	false	none	Function return type
arg_types	[string]	false	none	Function argument types
function_binary	string	false	none	none
extension_name	string	false	none	none
package_name	string	false	none	Function package name
schema_name	string	false	none	Function schema
database_name	string	false	none	Function database name
server_id	integer	false	none	Function server id
recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

View

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
view_name	string	false	none	View name
view_type	string	false	none	View type
ispopulated	boolean	false	none	Is view populated
view_owner	string	false	none	View owner
definition	string	false	none	View definition
tablespace_name	string	false	none	View tablespace
schema_name	string	false	none	View schema
database_name	string	false	none	View database
server_id	integer	false	none	View server id
recorded_time	string	false	none	When view was first detected by PEM agent

3 EDB Postgres Enterprise Manager REST APIs v2.0

NOTE:

- EDB Postgres Enterprise Manager *is referred as PEM in this documentation.*
- PEM *uses self-certified SSL certificates, hence - you may get error like 'SSL certificate problem: self signed certificate'. You may need to use the 'insecure' connection to connect to the server.*

PEM exposes end-points (REST APIs) for the following operations:

- *Retrieval of the objects retrieved from the monitored server, and agents.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for probes.*
- *Retrieval of the statistics/metrics data (including the historical data) collected by different probes.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alerts.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for email group used by the alerts mechanism.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alert templates used by the alerts.*
- *Retrieval, and Update of the probe configuration.*
- *Copy the agents/servers/database/schema level probe configurations to other same level, or lower level objects.*
- *Copy the alert configuration of one object to other objects.*
- *Retrieval, and Update the PEM-server configurations.*

Base URLs:

- [/api/v2](#)

Email: [EnterpriseDB](#) Web: [EnterpriseDB](#) License: [Limited Use Software License Agreement](#)

Object

Object can be an pem-agent, a monitored server, or a database object (i.e. database, schema, table, index, sequence, function, view).

Retrieve of the pem-agent information

Code samples

`GET /agent/`

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Agent

This operation does not require authentication

Retrieve the information for the agent, identified by the agent_id.

Code samples

`GET /agent/{agent_id}`

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Agent

This operation does not require authentication

Update the agent information

Code samples

```
PUT /agent/{agent_id}
```

Body parameter

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Agent	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the agent by PEM.

Code samples

```
DELETE /agent/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieval of the managed server list

Code samples

```
GET /server/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "host": "string",
    "port": 0,
    "database": "string",
    "ssl": 0,
    "serviceid": "string",
    "active": true,
    "alert_blackout": true,
    "owner": 0,
    "team": "string",
    "server_owner": "string",
    "is_remote_monitoring": true,
    "efm_cluster_name": "string",
    "efm_service_name": "string",
    "efm_installation_path": "string",
    "comment": "string",
    "username": "string",
    "gid": 0,
    "db_restriction": "string",
    "role": "string",
    "is_edb": true,
    "agent_id": 0,
    "asb_host": "string",
    "asb_port": 0,
    "asb_username": "string",
    "asb_database": "string",
    "asb_sslmode": "string",
    "asb_password": "string",
    "asb_allowtakeover": "string",
    "agent_capability_list": [
      "string"
    ],
    "agent_description": "string",
    "fgcolor": "string",
    "bgcolor": "string",
    "sslcompression": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Server]	false	none	none
» id	integer	false	none	Server id
» name	string	false	none	Server name
» host	string	false	none	Server host
» port	integer	false	none	Server port
» database	string	false	none	Maintenance databse
» ssl	integer	false	none	SSL mode
» serviceid	string	false	none	Server service id
» active	boolean	false	none	Defines whether the server is active, or not.
» alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
» owner	integer	false	none	ID of the owner, who registered the server with PEM.
» team	string	false	none	Defines the role/username, who can see the server information.
» server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
» is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
» efm_cluster_name	string	false	none	Cluster name of EFM
» efm_service_name	string	false	none	Service name of EFM
» efm_installation_path	string	false	none	Installation Path of EFM
» comment	string	false	none	Description about the Server.
» username	string	false	none	Username for connecting the database server.
» gid	integer	false	none	ID of the Server group
» db_restriction	string	false	none	Database restriction SQL clause
» role	string	false	none	The role the connection will use
» is_edb	boolean	false	none	Is server an EDB Advanced Server?
» agent_id	integer	false	none	Agent id bound to the server
» asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
» asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
» asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
» asb_database	string	false	none	PEM database to which agent will connect.
» asb_sslmode	string	false	none	PEM database ssl mode.
» asb_password	string	false	none	empty string.
» asb_allow takeover	string	false	none	Whether server allowed to take over by another agent.
» agent_capability_list	[string]	false	none	Array of capabilities the agent has
» agent_description	string	false	none	Agent description
» fgcolor	string	false	none	Foreground color of server node in browser tree
» bgcolor	string	false	none	Background color of server node in browser tree

Name	Type	Required	Restrictions	Description
» sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

This operation does not require authentication

Add a new managed database server.

Code samples

```
POST /server/
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the information for the server, identified by the `server_id`.

Code samples

```
GET /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Created successfully	Server

This operation does not require authentication

Update the server information

Code samples

PUT /server/{server_id}

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the server by PEM.

Code samples

```
DELETE /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the list of properties of database(s) for a managed server.

Code samples

```
GET /server/{sid}/database/
```

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID

Example responses

200 Response

```
[
  {
    "database_name": "string",
    "connections_allowed": true,
    "system_database": true,
    "recorded_time": "2019-08-24T14:15:22Z",
    "encoding": "string",
    "server_id": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Database]	false	none	none
» database_name	string	false	none	Database name
» connections_allowed	boolean	false	none	Is connection to database allowed
» system_database	boolean	false	none	Is database system database
» recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
» encoding	string	false	none	Database encoding
» server_id	integer	false	none	Server id of database

This operation does not require authentication

Retrieve the properties of the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Database

This operation does not require authentication

Retrieve the list of properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID
db_name	path	string	true	Database name

Example responses

200 Response

```
[
  {
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Schema]	false	none	none
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name of schema
» server_id	integer	false	none	Server id schmea
» recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Schema

This operation does not require authentication

Retrieve the list of properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name

Example responses

200 Response

```
[
  {
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "has_primary_key": true,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Table]	false	none	none
» table_name	string	false	none	Table name
» schema_name	string	false	none	schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» has_primary_key	boolean	false	none	Weather table has primary key
» recorded_time	string	false	none	When table was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/{table_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
table_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Table

This operation does not require authentication

Retrieve the list of properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name

Example responses

200 Response

```
[
  {
    "index_name": "string",
    "ind_keys": [
      0
    ],
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Index]	false	none	none
» index_name	string	false	none	Index name
» ind_keys	[integer]	false	none	indexed column positions in table
» table_name	string	false	none	Table name
» schema_name	string	false	none	Schema
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string	false	none	When index was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/{index_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
index_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Index

This operation does not require authentication

Retrieve the list of properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name

Example responses

200 Response

```
[
  {
    "sequence_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Sequence]	false	none	none
» sequence_name	string	false	none	Sequence name
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/{sequence_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
sequence_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Sequence

This operation does not require authentication

Retrieve the list of properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name

Example responses

200 Response

```
[
  {
    "view_name": "string",
    "view_type": "string",
    "ispopulated": true,
    "view_owner": "string",
    "definition": "string",
    "tablespace_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[View]	false	none	none
» view_name	string	false	none	View name
» view_type	string	false	none	View type
» ispopulated	boolean	false	none	Is view populated
» view_owner	string	false	none	View owner
» definition	string	false	none	View definition
» tablespace_name	string	false	none	View tablespace
» schema_name	string	false	none	View schema
» database_name	string	false	none	View database
» server_id	integer	false	none	View server id
» recorded_time	string	false	none	When view was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/{view_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
view_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	View

This operation does not require authentication

Retrieve the list of properties of functions resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name

Example responses

200 Response

```
[
  {
    "function_name": "string",
    "function_type": "string",
    "return_type": "string",
    "arg_types": [
      "string"
    ],
    "function_binary": "string",
    "extension_name": "string",
    "package_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Function]	false	none	none
» function_name	string	false	none	Function name
» function_type	string	false	none	Function type
» return_type	string	false	none	Function return type
» arg_types	[string]	false	none	Function argument types
» function_binary	string	false	none	none
» extension_name	string	false	none	none
» package_name	string	false	none	Function package name
» schema_name	string	false	none	Function schema
» database_name	string	false	none	Function database name
» server_id	integer	false	none	Function server id
» recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of function resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/{function_name}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
function_name	path	string	true	none

Example responses

200 Response

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Function

This operation does not require authentication

Alerts

get__alert_config_global_

Code samples

GET /alert/config/global/

Gets Alerts for global level.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_global_

Code samples

```
POST /alert/config/global/
```

Create **Alert** for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_global_{id}

Code samples

```
GET /alert/config/global/{id}
```

Gets Alerts for global level by alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_global_{id}

Code samples

```
PUT /alert/config/global/{id}
```

Update **Alert** for global level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_global_{id}

Code samples

```
DELETE /alert/config/global/{id}
```

Delete the `Alert` object.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}

Code samples

```
GET /alert/config/agent/{agent_id}
```

Gets `Alerts` for agent level by agent_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_agent_{agent_id}

Code samples

```
POST /alert/config/agent/{agent_id}
```

Create **Alert** for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
GET /alert/config/agent/{agent_id}/{alert_id}
```

Gets Alerts for agent level by agent_id and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
PUT /alert/config/agent/{agent_id}/{alert_id}
```

Update **Alert** for agent level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
DELETE /alert/config/agent/{agent_id}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}

Code samples

```
GET /alert/config/server/{server_id}
```

Gets **Alerts** for server level by server_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}

Code samples

```
POST /alert/config/server/{server_id}
```

Create **Alert** for server level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}_{alert_id}

Code samples

```
GET /alert/config/server/{server_id}/{alert_id}
```

Gets Alerts for server level by server_id and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_server_{server_id}_{alert_id}

Code samples

```
PUT /alert/config/server/{server_id}/{alert_id}
```

Update **Alert** for server level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_server_{server_id}_{alert_id}

Code samples

```
DELETE /alert/config/server/{server_id}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}
```

Gets **Alerts** for database level by server_id and database_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.

Name	Type	Required	Restrictions	Description
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.

Name	Type	Required	Restrictions	Description
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}
```

Create **Alert** for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Gets Alerts for database level by server_id, database_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Update **Alert** for database level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
DELETE /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Delete the `Alert` object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Gets `Alerts` for schema level by `server_id`, `database_name` and `schema_name`.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
<code>server_id</code>	path	integer	true	Server ID
<code>database_name</code>	path	string	true	Database Name
<code>schema_name</code>	path	string	true	Schema Name
<code>X-Auth-Token</code>	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Create `Alert` for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert
```

Gets Alerts for schema level by server_id, database_name, schema_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert

Update **Alert** for schema level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets Alerts for table level by server_id, database_name, schema_name and table_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.

Name	Type	Required	Restrictions	Description
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.

Name	Type	Required	Restrictions	Description
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Create **Alert** for table level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets **Alerts** for table level by server_id, database_name, schema_name, table_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_n`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/

Update **Alert** for table level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name and index_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Create `Alert` for index level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name, index_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_r`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/

Update **Alert** for index level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets Alerts for sequence level by server_id, database_name, schema_name and sequence_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Create `Alert` for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets **Alerts** for sequence level by server_id, database_name, schema_name, sequence_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen

Update **Alert** for sequence level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence{sequence_name}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name and view_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Create `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets `Alerts` for view level by server_id, database_name, schema_name, view_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{

Update **Alert** for view level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Gets Alerts for function level by server_id, database_name, schema_name and function_name.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for snmp_trap_version parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": true,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fun`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Create `Alert` for function level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}/alert/{alert_id}
```

Gets **Alerts** for function level by server_id, database_name, schema_name, function_name and alert_id.

Warning: Due to support added for SNMP v3 in API version 3, API may return wrong value for `snmp_trap_version` parameter.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}

Update **Alert** for function level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated

Name	In	Type	Required	Description
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fu`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Copy Alert

post__alert_copy_agent_{agent_id}

Code samples

```
POST /alert/copy/agent/{agent_id}
```

Copy agent level alert to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
body	body	CopyAlertAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}

Code samples

```
POST /alert/copy/server/{server_id}
```

Copy server level alert to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
body	body	CopyAlertServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}`

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}
```

Copy database level alert to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
body	body	CopyAlertDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy schema level alert to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
body	body	CopyAlertSchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Copy table level alert to another table

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
body	body	CopyAlertTableData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Copy index level alert to another index

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
body	body	CopyAlertIndexData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}function{funct`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Copy function level alert to another function

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
body	body	CopyAlertFunctionData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

```
post__alert_copy_server_{server_id}database{database_name}schema{schema_name}sequence{sequ
```

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Copy sequence level alert to another sequence

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
body	body	CopyAlertSequenceData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Alert template

get__alert_template__

Code samples

```
GET /alert/template/
```

Gets Alert templates.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "description": "string",
    "default_history_retention": 0,
    "object_type": 0,
    "sql": "string",
    "applicable_on_server": "ALL",
    "default_check_frequency": 0,
    "threshold_unit": "string",
    "is_system_template": true,
    "is_auto_create": true,
    "thresholds": [
      0
    ],
    "operator": ">",
    "high_threshold_value": "string",
    "medium_threshold_value": "string",
    "low_threshold_value": "string",
    "info_sql": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertTemplate]	false	none	none
» id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» default_history_retention	integer	false	none	<p>Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.</p> <p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
» object_type	integer	false	none	<p>NOTE: It is a mandatory parameter for the POST request.</p>
» sql	string	false	none	<p>SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.</p>
» applicable_on_server	string	false	none	<p>Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.</p>
» default_check_frequency	integer	false	none	<p>Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.</p>
» threshold_unit	string	false	none	<p>Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...</p>
» is_system_template	boolean	false	none	<p>Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.</p>
» is_auto_create	boolean	false	none	<p>Whether alert should be created as soon as agent or server is added to pem.</p>

Name	Type	Required	Restrictions	Description
» thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
» operator	string	false	none	Operator to compare threshold values.
» high_threshold_value	string	false	none	High threshold value.
» medium_threshold_value	string	false	none	Medium threshold value.
» low_threshold_value	string	false	none	Low threshold value.
» info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

This operation does not require authentication

post__alert_template_

Code samples

```
POST /alert/template/
```

Create Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_template_{id}

Code samples

```
GET /alert/template/{id}
```

Gets Alert template identified by the id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertTemplate

This operation does not require authentication

put__alert_template_{id}

Code samples

```
PUT /alert/template/{id}
```

Update Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_template_{id}

Code samples

```
DELETE /alert/template/{id}
```

Delete the Alert template.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Custom Probe

get__probe_

Code samples

```
GET /probe/
```

Get all the custom/system probes.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "enabled": true,
    "target_type": 0,
    "internal_name": "string",
    "is_system_probe": true,
    "any_server_version": true,
    "collection_method": "w",
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_id": 0,
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_internal_name": "string",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_position": 0,
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomProbes]	false	none	none
» probe_id	integer	false	none	Identifier for a probe.

Name	Type	Required	Restrictions	Description
» probe_name	string	false	none	Name of the probe.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default. Defines the type of the object on which the probe is applicable to. <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type	integer	false	none	
» internal_name	string	false	none	Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.
» is_system_probe	boolean	false	none	Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.
» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.

Name	Type	Required	Restrictions	Description
» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
» probe_columns	[object]	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestampz
»» pc_data_type	string	false	none	
»» pc_internal_name	string	false	none	Returns the internal name of the column.
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»» pc_position	integer	false	none	Returns the position of the column in the internal table.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
»» server_version_id	integer	false	none																											
»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision

Property	Value
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

post__probe_

Code samples

POST /probe/

Create new custom probe

Body parameter

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_{probe_id}

Code samples

```
GET /probe/{probe_id}
```

Get probe information for specified probe id.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	CustomProbes

This operation does not require authentication

put__probe_{probe_id}

Code samples

```
PUT /probe/{probe_id}
```

Update custom/system probe information for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__probe_{probe_id}

Code samples

```
DELETE /probe/{probe_id}
```

Delete the custom probe.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Probe Configuration

get__probe_config_server_{server_id}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/{probe_id}
```

Get server level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}_{probe_id}

Code samples

```
PUT /probe/config/server/{server_id}/{probe_id}
```

Update server level probe configuration for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Get all the schema level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe
```

Get schema level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
PUT
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Update schema level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get all the table level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get table level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get all the index level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get index level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get all the sequence level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get sequence level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get all the function level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get function level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Get all the view level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get view level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_agent_{agent_id}

Code samples

```
GET /probe/config/agent/{agent_id}
```

Get all the agent level probes.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}

Code samples

```
GET /probe/config/server/{server_id}
```

Get all the server level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}
```

Get all the database level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Get database level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
PUT /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Update database level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Name	In	Type	Required	Description
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Copy Probe

post__probe_copy_agent_{agent_id}

Code samples

```
POST /probe/copy/agent/{agent_id}
```

Copy Agent level probe to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
body	body	CopyAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}

Code samples

```
POST /probe/copy/server/{server_id}
```

Copy Server level probe to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
body	body	CopyServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}

Code samples

```
POST /probe/copy/server/{server_id}/database/{database_name}
```

Copy Database level probe to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
body	body	CopyDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__probe_copy_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
POST /probe/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy Schame level probe to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
body	body	CopySchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Probe data

get__probe_data_agent_{agent_id}_{probe_id}

Code samples

```
GET /probe/data/agent/{agent_id}/{probe_id}
```

Gets [Probe data](#) for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/{probe_id}
```

Gets **Probe data** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/{probe_id}
```

Gets **Probe data** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Gets **Probe data** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}table{table_na`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{t
```

Gets **Probe data** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{index_name}
```

Gets **Probe data** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}sequence{sequ`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Gets **Probe data** for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}view{view_nam`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{vi
```

Gets **Probe data** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets **Probe data** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Probe history

`get__probe_history_agent_{agent_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/agent/{agent_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/server/{server_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}from{start_time}to{end_time}_{prol`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/from/{start_time}/to/{end_
```

Gets **Probe history** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

```
get__probe_history_server_{server_id}database{database_name}schema{schema_name}from{start_t
```

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/from/
```

Gets **Probe history** for schema.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/table
```

Gets **Probe history** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/index
```

Gets **Probe history** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/seque
```

Gets `Probe history` for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/view/
```

Gets **Probe history** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
```

`/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/funct`

Gets **Probe history** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Schemas

AlertPayload

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.

Name	Type	Required	Restrictions	Description
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

Alert

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": true,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none

Name	Type	Required	Restrictions	Description
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.

Name	Type	Required	Restrictions	Description
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	boolean	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, or 2
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

AlertParams

```
{
  "paramname": "string",
  "paramvalue": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
paramvalue	string	false	none	Value for the given parameter

AlternateServerProbeCode

```
{
  "server_version_id": 0,
  "server_probe_code": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr><td>10905</td><td>PostgreSQL 9.5</td></tr> <tr><td>10906</td><td>PostgreSQL 9.6</td></tr> <tr><td>11000</td><td>PostgreSQL 10</td></tr> <tr><td>11100</td><td>PostgreSQL 11</td></tr> <tr><td>11200</td><td>PostgreSQL 12</td></tr> <tr><td>11300</td><td>PostgreSQL 13</td></tr> <tr><td>20905</td><td>Postgres Plus Advanced Server 9.5</td></tr> <tr><td>20906</td><td>Postgres Plus Advanced Server 9.6</td></tr> <tr><td>21000</td><td>EDB Postgres Advanced Server 10</td></tr> <tr><td>21100</td><td>EDB Postgres Advanced Server 11</td></tr> <tr><td>21200</td><td>EDB Postgres Advanced Server 12</td></tr> <tr><td>21300</td><td>EDB Postgres Advanced Server 13</td></tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											
server_probe_code	string	false	none	SQL query to run on the specified server version																										

DeletedAlternateServerProbeCode

```
{
  "server_version_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr><td>10905</td><td>PostgreSQL 9.5</td></tr> <tr><td>10906</td><td>PostgreSQL 9.6</td></tr> <tr><td>11000</td><td>PostgreSQL 10</td></tr> <tr><td>11100</td><td>PostgreSQL 11</td></tr> <tr><td>11200</td><td>PostgreSQL 12</td></tr> <tr><td>11300</td><td>PostgreSQL 13</td></tr> <tr><td>20905</td><td>Postgres Plus Advanced Server 9.5</td></tr> <tr><td>20906</td><td>Postgres Plus Advanced Server 9.6</td></tr> <tr><td>21000</td><td>EDB Postgres Advanced Server 10</td></tr> <tr><td>21100</td><td>EDB Postgres Advanced Server 11</td></tr> <tr><td>21200</td><td>EDB Postgres Advanced Server 12</td></tr> <tr><td>21300</td><td>EDB Postgres Advanced Server 13</td></tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											

AlertTemplate

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.

Name	Type	Required	Restrictions	Description
is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
operator	string	false	none	Operator to compare threshold values.
high_threshold_value	string	false	none	High threshold value.
medium_threshold_value	string	false	none	Medium threshold value.
low_threshold_value	string	false	none	Low threshold value.
info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

CustomProbes

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Identifier for a probe.
probe_name	string	false	none	Name of the probe.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
internal_name	string	false	none	<p>Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.</p>
is_system_probe	boolean	false	none	<p>Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.</p>
any_server_version	boolean	false	none	<p>Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.</p>

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_id	integer	false	none	Identifier of the column
» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestampz
» pc_data_type	string	false	none	
» pc_internal_name	string	false	none	Returns the internal name of the column.
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_position	integer	false	none	Returns the position of the column in the internal table.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePostData

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_name	string	false	none	Name of the probe.

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
enabled	boolean	false	none	<p>Defines whether the probe is enabled/disabled by default.</p>
target_type	integer	false	none	<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> A probe with target_type 100 is responsible for collecting statistics for an agent. A probe with target_type 200 is responsible for collecting statistics for a monitored server. A probe with target_type 300 is responsible for collecting statistics for a database. A probe with target_type 400 is responsible for collecting statistics for a schema. A probe with target_type 500 is responsible for collecting statistics for a table. A probe with target_type 600 is responsible for collecting statistics for an index. A probe with target_type 700 is responsible for collecting statistics for a sequence. A probe with target_type 800 is responsible for collecting statistics for a function. A probe with target_type 900 is responsible for collecting statistics for a view.

Name	Type	Required	Restrictions	Description
any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_name	string	false	none	Name of the column
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
				numeric
				real
				text
				text[]
				timestamp
				timestamptz
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.

Name	Type	Required	Restrictions	Description
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePutData

```

{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}

```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	object	false	none	none
» changed	object	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
alternate_code	object	false	none	none
» changed	[AlternateServerProbeCode]	false	none	List of the changed alternate probe code for some server version.
» deleted	[DeletedAlternateServerProbeCode]	false	none	List of the delete alternate probe code for some server versions.
» added	[AlternateServerProbeCode]	false	none	List of the alternate probe code added for some server versions.

Probes

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Unique id of the probe.
probe_name	string	false	none	Name of the probe.
default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
default_lifetime	integer	false	none	Defines the default history data retention time (in days).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

ProbeConfigData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Probe execution frequency (in minutes). Allowed interval value (in minutes) is 0-2880 minutes. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
interval_sec	integer	false	none	Probe execution frequency (in seconds). Allowed interval value (in seconds) is 0-59 seconds. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
lifetime	integer	false	none	Probe history data retention period (in days). i.e. $1 \geq \text{lifetime} \geq 365$.
enabled	boolean	false	none	Enable/Disable probe for the given object.

CopyAgentData

```
{
  "type": "string",
  "agent_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

CopyServerData

```
{
  "type": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none

CopyDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none

CopySchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none

CopyAlertAgentData

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertServerData

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertTableData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "table"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
table_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertIndexData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "index"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
index_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertFunctionData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "function"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
function_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSequenceData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "sequence"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
sequence_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

Agent

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Returns the list of the objects, which contains the agent information, version, capabilities, and details about the host on which it has been installed.

For example:

\

```
[{
  /* Agent information */
  "id": 1,
  "gid": 0,
  "name": "Postgres Enterprise Manager Host"
  "version": "6.0.1",
  "active": True,
  "heartbeat_int": 30,
  "alert_blackout": False,
  "owner": "postgres",
  "team": None,

  /* Deatils about the Host, on which it is installed */
  "operating_sys": "Ubuntu 12.04.5 LTS",
  "host_name": "akshay-ubuntu",

  "boot_time": "2016-09-19 12:28:27+05:30",
  "domain_name": "(none)",
  "window_domain": None,

  /* Agent capabilities */
  "capability_list": "unix, getloadavg, disk_space, memory_usage, cpu_usage, network_
os_statistics, os_info, slony_replication, auto_discover_servers, allow_server_restar

  /* Monitored servers */
  "server_bind": "Postgres Enterprise Manager Server, PostgreSQL 9.3, PostgreSQL 9.4"
}]
```

a

Properties

Name	Type	Required	Restrictions	Description
id	integer	true	none	Identity of the pem-agent

Name	Type	Required	Restrictions	Description
name	string	true	none	Description (name) of the agent.
version	string	true	none	Version of the pem-agent
active	boolean	true	none	Whether the agent is active, or not. An active agent is responsible for collecting the statistics for the host, and the monitored server..
heartbeat_int	integer	true	none	heartbeat interval (in seconds) for the agent. How frequently the agent will send the heartbeat status to the PEM database server about itself, and the monitoring database server.
alert_blackout	boolean	true	none	Flag to indicates about the alert blacked out for the agent
owner	string	true	none	Username, using whom the agent was installed, is called owner.
team	string	true	none	Name of the role/user, who can see this agent. null/empty value suggest, all user can see this agent.
group	integer	false	none	Identity of the group

Server

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server id
name	string	false	none	Server name
host	string	false	none	Server host
port	integer	false	none	Server port
database	string	false	none	Maintenance databse
ssl	integer	false	none	SSL mode
serviceid	string	false	none	Server service id
active	boolean	false	none	Defines whether the server is active, or not.

Name	Type	Required	Restrictions	Description
alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
owner	integer	false	none	ID of the owner, who registered the server with PEM.
team	string	false	none	Defines the role/username, who can see the server information.
server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
efm_cluster_name	string	false	none	Cluster name of EFM
efm_service_name	string	false	none	Service name of EFM
efm_installation_path	string	false	none	Installation Path of EFM
comment	string	false	none	Description about the Server.
username	string	false	none	Username for connecting the database server.
gid	integer	false	none	ID of the Server group
db_restriction	string	false	none	Database restriction SQL clause
role	string	false	none	The role the connection will use
is_edb	boolean	false	none	Is server an EDB Advanced Server?
agent_id	integer	false	none	Agent id bound to the server
asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
asb_database	string	false	none	PEM database to which agent will connect.
asb_sslmode	string	false	none	PEM database ssl mode.
asb_password	string	false	none	empty string.
asb_allowtakeover	string	false	none	Whether server allowed to take over by another agent.
agent_capability_list	[string]	false	none	Array of capabilities the agent has
agent_description	string	false	none	Agent description
fgcolor	string	false	none	Foreground color of server node in browser tree
bgcolor	string	false	none	Background color of server node in browser tree
sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

Database

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```


Properties

Name	Type	Required	Restrictions	Description
database_name	string	false	none	Database name
connections_allowed	boolean	false	none	Is connection to database allowed
system_database	boolean	false	none	Is database system database
recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
encoding	string	false	none	Database encoding
server_id	integer	false	none	Server id of database

Schema

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name of schema
server_id	integer	false	none	Server id schmea
recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

Table

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
table_name	string	false	none	Table name
schema_name	string	false	none	schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
has_primary_key	boolean	false	none	Weather table has primary key

Name	Type	Required	Restrictions	Description
recorded_time	string	false	none	When table was first detected by PEM agent

Index

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
index_name	string	false	none	Index name
ind_keys	[integer]	false	none	indexed column positions in table
table_name	string	false	none	Table name
schema_name	string	false	none	Schema
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string	false	none	When index was first detected by PEM agent

Sequence

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
sequence_name	string	false	none	Sequence name
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

Function

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
function_name	string	false	none	Function name
function_type	string	false	none	Function type
return_type	string	false	none	Function return type
arg_types	[string]	false	none	Function argument types
function_binary	string	false	none	none
extension_name	string	false	none	none
package_name	string	false	none	Function package name
schema_name	string	false	none	Function schema
database_name	string	false	none	Function database name
server_id	integer	false	none	Function server id
recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

View

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
view_name	string	false	none	View name
view_type	string	false	none	View type
ispopulated	boolean	false	none	Is view populated
view_owner	string	false	none	View owner
definition	string	false	none	View definition
tablespace_name	string	false	none	View tablespace
schema_name	string	false	none	View schema
database_name	string	false	none	View database
server_id	integer	false	none	View server id
recorded_time	string	false	none	When view was first detected by PEM agent

4 EDB Postgres Enterprise Manager REST APIs v3.0

NOTE:

- EDB Postgres Enterprise Manager *is referred as PEM in this documentation.*
- PEM *uses self-certified SSL certificates, hence - you may get error like 'SSL certificate problem: self signed certificate'. You may need to use the 'insecure' connection to connect to the server.*

PEM exposes end-points (REST APIs) for the following operations:

- *Retrieval of the objects retrieved from the monitored server, and agents.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for probes.*
- *Retrieval of the statistics/metrics data (including the historical data) collected by different probes.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alerts.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for email group used by the alerts mechanism.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alert templates used by the alerts.*
- *Retrieval, and Update of the probe configuration.*
- *Copy the agents/servers/database/schema level probe configurations to other same level, or lower level objects.*
- *Copy the alert configuration of one object to other objects.*
- *Retrieval, and Update the PEM-server configurations.*

Base URLs:

- [/api/v3](#)

Email: [EnterpriseDB](#) Web: [EnterpriseDB](#) License: [Limited Use Software License Agreement](#)

Object

Object can be an pem-agent, a monitored server, or a database object (i.e. database, schema, table, index, sequence, function, view).

Retrieve of the pem-agent information

Code samples

`GET /agent/`

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Agent

This operation does not require authentication

Retrieve the information for the agent, identified by the agent_id.

Code samples

`GET /agent/{agent_id}`

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Agent

This operation does not require authentication

Update the agent information

Code samples

```
PUT /agent/{agent_id}
```

Body parameter

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Agent	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the agent by PEM.

Code samples

```
DELETE /agent/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieval of the managed server list

Code samples

```
GET /server/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "id": 0,
    "name": "string",
    "host": "string",
    "port": 0,
    "database": "string",
    "ssl": 0,
    "serviceid": "string",
    "active": true,
    "alert_blackout": true,
    "owner": 0,
    "team": "string",
    "server_owner": "string",
    "is_remote_monitoring": true,
    "efm_cluster_name": "string",
    "efm_service_name": "string",
    "efm_installation_path": "string",
    "comment": "string",
    "username": "string",
    "gid": 0,
    "db_restriction": "string",
    "role": "string",
    "is_edb": true,
    "agent_id": 0,
    "asb_host": "string",
    "asb_port": 0,
    "asb_username": "string",
    "asb_database": "string",
    "asb_sslmode": "string",
    "asb_password": "string",
    "asb_allowtakeover": "string",
    "agent_capability_list": [
      "string"
    ],
    "agent_description": "string",
    "fgcolor": "string",
    "bgcolor": "string",
    "sslcompression": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Server]	false	none	none
» id	integer	false	none	Server id
» name	string	false	none	Server name
» host	string	false	none	Server host
» port	integer	false	none	Server port
» database	string	false	none	Maintenance databse
» ssl	integer	false	none	SSL mode
» serviceid	string	false	none	Server service id
» active	boolean	false	none	Defines whether the server is active, or not.
» alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
» owner	integer	false	none	ID of the owner, who registered the server with PEM.
» team	string	false	none	Defines the role/username, who can see the server information.
» server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
» is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
» efm_cluster_name	string	false	none	Cluster name of EFM
» efm_service_name	string	false	none	Service name of EFM
» efm_installation_path	string	false	none	Installation Path of EFM
» comment	string	false	none	Description about the Server.
» username	string	false	none	Username for connecting the database server.
» gid	integer	false	none	ID of the Server group
» db_restriction	string	false	none	Database restriction SQL clause
» role	string	false	none	The role the connection will use
» is_edb	boolean	false	none	Is server an EDB Advanced Server?
» agent_id	integer	false	none	Agent id bound to the server
» asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
» asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
» asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
» asb_database	string	false	none	PEM database to which agent will connect.
» asb_sslmode	string	false	none	PEM database ssl mode.
» asb_password	string	false	none	empty string.
» asb_allow takeover	string	false	none	Whether server allowed to take over by another agent.
» agent_capability_list	[string]	false	none	Array of capabilities the agent has
» agent_description	string	false	none	Agent description
» fgcolor	string	false	none	Foreground color of server node in browser tree
» bgcolor	string	false	none	Background color of server node in browser tree

Name	Type	Required	Restrictions	Description
» sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

This operation does not require authentication

Add a new managed database server.

Code samples

```
POST /server/
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the information for the server, identified by the `server_id`.

Code samples

```
GET /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Created successfully	Server

This operation does not require authentication

Update the server information

Code samples

PUT /server/{server_id}

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the server by PEM.

Code samples

```
DELETE /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the list of properties of database(s) for a managed server.

Code samples

```
GET /server/{sid}/database/
```

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID

Example responses

200 Response

```
[
  {
    "database_name": "string",
    "connections_allowed": true,
    "system_database": true,
    "recorded_time": "2019-08-24T14:15:22Z",
    "encoding": "string",
    "server_id": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Database]	false	none	none
» database_name	string	false	none	Database name
» connections_allowed	boolean	false	none	Is connection to database allowed
» system_database	boolean	false	none	Is database system database
» recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
» encoding	string	false	none	Database encoding
» server_id	integer	false	none	Server id of database

This operation does not require authentication

Retrieve the properties of the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}
```


Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Database

This operation does not require authentication

Retrieve the list of properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Schema]	false	none	none
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name of schema
» server_id	integer	false	none	Server id schmea
» recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Schema

This operation does not require authentication

Retrieve the list of properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "has_primary_key": true,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Table]	false	none	none
» table_name	string	false	none	Table name
» schema_name	string	false	none	schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» has_primary_key	boolean	false	none	Weather table has primary key
» recorded_time	string	false	none	When table was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/{table_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
table_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Table

This operation does not require authentication

Retrieve the list of properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "index_name": "string",
    "ind_keys": [
      0
    ],
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Index]	false	none	none
» index_name	string	false	none	Index name
» ind_keys	[integer]	false	none	indexed column positions in table
» table_name	string	false	none	Table name
» schema_name	string	false	none	Schema
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string	false	none	When index was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/{index_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
index_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Index

This operation does not require authentication

Retrieve the list of properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "sequence_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Sequence]	false	none	none
» sequence_name	string	false	none	Sequence name
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/{sequence_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
sequence_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Sequence

This operation does not require authentication

Retrieve the list of properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "view_name": "string",
    "view_type": "string",
    "ispopulated": true,
    "view_owner": "string",
    "definition": "string",
    "tablespace_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[View]	false	none	none
» view_name	string	false	none	View name
» view_type	string	false	none	View type
» ispopulated	boolean	false	none	Is view populated
» view_owner	string	false	none	View owner
» definition	string	false	none	View definition
» tablespace_name	string	false	none	View tablespace
» schema_name	string	false	none	View schema
» database_name	string	false	none	View database
» server_id	integer	false	none	View server id
» recorded_time	string	false	none	When view was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/{view_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
view_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	View

This operation does not require authentication

Retrieve the list of properties of functions resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "function_name": "string",
    "function_type": "string",
    "return_type": "string",
    "arg_types": [
      "string"
    ],
    "function_binary": "string",
    "extension_name": "string",
    "package_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Function]	false	none	none
» function_name	string	false	none	Function name
» function_type	string	false	none	Function type
» return_type	string	false	none	Function return type
» arg_types	[string]	false	none	Function argument types
» function_binary	string	false	none	none
» extension_name	string	false	none	none
» package_name	string	false	none	Function package name
» schema_name	string	false	none	Function schema
» database_name	string	false	none	Function database name
» server_id	integer	false	none	Function server id
» recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of function resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/{function_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
function_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Function

This operation does not require authentication

Alerts

get__alert_config_global_

Code samples

GET `/alert/config/global/`

Gets **Alerts** for global level.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_global_

Code samples

```
POST /alert/config/global/
```

Create **Alert** for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_global_{id}

Code samples

```
GET /alert/config/global/{id}
```

Gets Alerts for global level by alert_id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_global_{id}

Code samples

```
PUT /alert/config/global/{id}
```

Update **Alert** for global level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_global_{id}

Code samples

```
DELETE /alert/config/global/{id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}

Code samples

```
GET /alert/config/agent/{agent_id}
```

Gets **Alerts** for agent level by agent_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_agent_{agent_id}

Code samples

```
POST /alert/config/agent/{agent_id}
```

Create **Alert** for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
GET /alert/config/agent/{agent_id}/{alert_id}
```

Gets Alerts for agent level by agent_id and alert_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
PUT /alert/config/agent/{agent_id}/{alert_id}
```

Update **Alert** for agent level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
DELETE /alert/config/agent/{agent_id}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}

Code samples

```
GET /alert/config/server/{server_id}
```

Gets **Alerts** for server level by server_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}

Code samples

```
POST /alert/config/server/{server_id}
```

Create **Alert** for server level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}_{alert_id}

Code samples

```
GET /alert/config/server/{server_id}/{alert_id}
```

Gets **Alerts** for server level by server_id and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/{alert_id}
```

Update **Alert** for server level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_server_{server_id}_{alert_id}

Code samples

```
DELETE /alert/config/server/{server_id}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}
```

Gets **Alerts** for database level by server_id and database_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}
```

Create **Alert** for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Gets **Alerts** for database level by server_id, database_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Update **Alert** for database level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
DELETE /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Delete the `Alert` object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Gets **Alerts** for schema level by server_id, database_name and schema_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Create `Alert` for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Gets Alerts for schema level by server_id, database_name, schema_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert

Update **Alert** for schema level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

GET
`/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/`

Gets **Alerts** for table level by server_id, database_name, schema_name and table_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Create `Alert` for table level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets Alerts for table level by server_id, database_name, schema_name, table_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_n`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/

Update **Alert** for table level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table`

Code samples

```
DELETE
```

```
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name and index_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Create `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name, index_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_r`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/

Update **Alert** for index level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
DELETE
```

```
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{index_name}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets Alerts for sequence level by server_id, database_name, schema_name and sequence_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.

Name	Type	Required	Restrictions	Description
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.

Name	Type	Required	Restrictions	Description
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Create `Alert` for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets **Alerts** for sequence level by server_id, database_name, schema_name, sequence_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen

Update **Alert** for sequence level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{s`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name and view_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Create `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name, view_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{

Update **Alert** for view level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Gets **Alerts** for function level by server_id, database_name, schema_name and function_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fun`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Create `Alert` for function level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets **Alerts** for function level by server_id, database_name, schema_name, function_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function

Update **Alert** for function level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated

Name	In	Type	Required	Description
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fu`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Copy Alert

post__alert_copy_agent_{agent_id}

Code samples

```
POST /alert/copy/agent/{agent_id}
```

Copy agent level alert to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}

Code samples

POST /alert/copy/server/{server_id}

Copy server level alert to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}

Code samples

POST /alert/copy/server/{server_id}/database/{database_name}

Copy database level alert to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy schema level alert to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	CopyAlertSchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Copy table level alert to another table

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertTableData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Copy index level alert to another index

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertIndexData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Copy function level alert to another function

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertFunctionData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Copy sequence level alert to another sequence

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertSequenceData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Alert template

`get__alert_template_`

Code samples

`GET /alert/template/`

Gets Alert templates.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "description": "string",
    "default_history_retention": 0,
    "object_type": 0,
    "sql": "string",
    "applicable_on_server": "ALL",
    "default_check_frequency": 0,
    "threshold_unit": "string",
    "is_system_template": true,
    "is_auto_create": true,
    "thresholds": [
      0
    ],
    "operator": ">",
    "high_threshold_value": "string",
    "medium_threshold_value": "string",
    "low_threshold_value": "string",
    "info_sql": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertTemplate]	false	none	none
» id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
» default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
» object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
» sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
» applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
» default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
» is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
» is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
» thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
» operator	string	false	none	Operator to compare threshold values.
» high_threshold_value	string	false	none	High threshold value.
» medium_threshold_value	string	false	none	Medium threshold value.
» low_threshold_value	string	false	none	Low threshold value.
» info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

This operation does not require authentication

post__alert_template_

Code samples

```
POST /alert/template/
```

Create Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_template_{id}

Code samples

```
GET /alert/template/{id}
```

Gets Alert template identified by the id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertTemplate

This operation does not require authentication

put__alert_template_{id}

Code samples

```
PUT /alert/template/{id}
```

Update Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_template_{id}

Code samples

```
DELETE /alert/template/{id}
```

Delete the Alert template.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Custom Probe

get__probe_

Code samples

```
GET /probe/
```

Get all the custom/system probes.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "enabled": true,
    "target_type": 0,
    "internal_name": "string",
    "is_system_probe": true,
    "any_server_version": true,
    "collection_method": "w",
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_id": 0,
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_internal_name": "string",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_position": 0,
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomProbes]	false	none	none
» probe_id	integer	false	none	Identifier for a probe.

Name	Type	Required	Restrictions	Description
» probe_name	string	false	none	Name of the probe.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default. Defines the type of the object on which the probe is applicable to. <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type	integer	false	none	
» internal_name	string	false	none	Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.
» is_system_probe	boolean	false	none	Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.
» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.

Name	Type	Required	Restrictions	Description
» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
» probe_columns	[object]	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestampz
»» pc_data_type	string	false	none	
»» pc_internal_name	string	false	none	Returns the internal name of the column.
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»» pc_position	integer	false	none	Returns the position of the column in the internal table.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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10905	PostgreSQL 9.5																													
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21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
»» server_version_id	integer	false	none																											
»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision

Property	Value
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestamptz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

post__probe_

Code samples

POST /probe/

Create new custom probe

Body parameter

```

{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_{probe_id}

Code samples

```
GET /probe/{probe_id}
```

Get probe information for specified probe id.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	CustomProbes

This operation does not require authentication

put__probe_{probe_id}

Code samples

```
PUT /probe/{probe_id}
```

Update custom/system probe information for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__probe_{probe_id}

Code samples

```
DELETE /probe/{probe_id}
```

Delete the custom probe.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Probe Configuration

get__probe_config_server_{server_id}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/{probe_id}
```

Get server level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}_{probe_id}

Code samples

```
PUT /probe/config/server/{server_id}/{probe_id}
```

Update server level probe configuration for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Get all the schema level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe
```

Get schema level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
PUT
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Update schema level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get all the table level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get table level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get all the index level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get index level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get all the sequence level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get sequence level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get all the function level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get function level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get all the view level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get view level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_agent_{agent_id}

Code samples

```
GET /probe/config/agent/{agent_id}
```

Get all the agent level probes.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}

Code samples

```
GET /probe/config/server/{server_id}
```

Get all the server level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}
```

Get all the database level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Get database level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
PUT /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Update database level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Copy Probe

post__probe_copy_agent_{agent_id}

Code samples

```
POST /probe/copy/agent/{agent_id}
```

Copy Agent level probe to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}

Code samples

```
POST /probe/copy/server/{server_id}
```

Copy Server level probe to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}

Copy Database level probe to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}/schema/{schema_name}

Copy Schame level probe to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopySchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Probe data

get__probe_data_agent_{agent_id}_{probe_id}

Code samples

```
GET /probe/data/agent/{agent_id}/{probe_id}
```

Gets [Probe data](#) for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_data_server_{server_id}_{probe_id}

Code samples

```
GET /probe/data/server/{server_id}/{probe_id}
```

Gets **Probe data** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/{probe_id}
```

Gets **Probe data** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Gets **Probe data** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Gets **Probe data** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Gets **Probe data** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}sequence{sequ`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Gets **Probe data** for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Gets **Probe data** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

GET
`/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/function`

Gets **Probe data** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Probe history

`get__probe_history_agent_{agent_id}from{start_time}to{end_time}_{probe_id}`

Code samples

`GET /probe/history/agent/{agent_id}/from/{start_time}/to/{end_time}/{probe_id}`

Gets **Probe history** for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/server/{server_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}from{start_time}to{end_time}_{prol`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/from/{start_time}/to/{end_
```

Gets `Probe history` for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}from{start_t`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/from/
```

Gets `Probe history` for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/table
```

Gets **Probe history** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/index
```

Gets **Probe history** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/seque
```

Gets **Probe history** for sequence.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/view/
```

Gets **Probe history** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name

Name	In	Type	Required	Description
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_history_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET /probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Gets **Probe history** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[  
  {}  
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Schemas

AlertPayload

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.

Name	Type	Required	Restrictions	Description
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

Alert


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.

Name	Type	Required	Restrictions	Description
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

AlertParams

```
{
  "paramname": "string",
  "paramvalue": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
paramvalue	string	false	none	Value for the given parameter

AlternateServerProbeCode

```
{
  "server_version_id": 0,
  "server_probe_code": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr><td>10905</td><td>PostgreSQL 9.5</td></tr> <tr><td>10906</td><td>PostgreSQL 9.6</td></tr> <tr><td>11000</td><td>PostgreSQL 10</td></tr> <tr><td>11100</td><td>PostgreSQL 11</td></tr> <tr><td>11200</td><td>PostgreSQL 12</td></tr> <tr><td>11300</td><td>PostgreSQL 13</td></tr> <tr><td>20905</td><td>Postgres Plus Advanced Server 9.5</td></tr> <tr><td>20906</td><td>Postgres Plus Advanced Server 9.6</td></tr> <tr><td>21000</td><td>EDB Postgres Advanced Server 10</td></tr> <tr><td>21100</td><td>EDB Postgres Advanced Server 11</td></tr> <tr><td>21200</td><td>EDB Postgres Advanced Server 12</td></tr> <tr><td>21300</td><td>EDB Postgres Advanced Server 13</td></tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
server_version_id	Database Server																													
10905	PostgreSQL 9.5																													
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21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											
server_probe_code	string	false	none	SQL query to run on the specified server version																										

DeletedAlternateServerProbeCode

```
{
  "server_version_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
				Server version id for the support monitored server
				server_version_id Database Server
				10905 PostgreSQL 9.5
				10906 PostgreSQL 9.6
				11000 PostgreSQL 10
				11100 PostgreSQL 11
				11200 PostgreSQL 12
server_version_id	integer	false	none	11300 PostgreSQL 13
				20905 Postgres Plus Advanced Server 9.5
				20906 Postgres Plus Advanced Server 9.6
				21000 EDB Postgres Advanced Server 10
				21100 EDB Postgres Advanced Server 11
				21200 EDB Postgres Advanced Server 12
				21300 EDB Postgres Advanced Server 13

AlertTemplate

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.

Name	Type	Required	Restrictions	Description
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.

Name	Type	Required	Restrictions	Description
thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
operator	string	false	none	Operator to compare threshold values.
high_threshold_value	string	false	none	High threshold value.
medium_threshold_value	string	false	none	Medium threshold value.
low_threshold_value	string	false	none	Low threshold value.
info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

CustomProbes

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Identifier for a probe.
probe_name	string	false	none	Name of the probe.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
internal_name	string	false	none	<p>Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.</p>
is_system_probe	boolean	false	none	<p>Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.</p>
any_server_version	boolean	false	none	<p>Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.</p>

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_id	integer	false	none	Identifier of the column
» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
» pc_data_type	string	false	none	integer
				numeric
				real
				text
				text[]
				timestamp
				timestampz
» pc_internal_name	string	false	none	Returns the internal name of the column.
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_position	integer	false	none	Returns the position of the column in the internal table.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePostData

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_name	string	false	none	Name of the probe.

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
enabled	boolean	false	none	<p>Defines whether the probe is enabled/disabled by default.</p>
target_type	integer	false	none	<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> A probe with target_type 100 is responsible for collecting statistics for an agent. A probe with target_type 200 is responsible for collecting statistics for a monitored server. A probe with target_type 300 is responsible for collecting statistics for a database. A probe with target_type 400 is responsible for collecting statistics for a schema. A probe with target_type 500 is responsible for collecting statistics for a table. A probe with target_type 600 is responsible for collecting statistics for an index. A probe with target_type 700 is responsible for collecting statistics for a sequence. A probe with target_type 800 is responsible for collecting statistics for a function. A probe with target_type 900 is responsible for collecting statistics for a view.

Name	Type	Required	Restrictions	Description
any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_name	string	false	none	Name of the column
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
				numeric
				real
				text
				text[]
				timestamp
				timestamptz
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.

Name	Type	Required	Restrictions	Description
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePutData

```

{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}

```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	object	false	none	none
» changed	object	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
alternate_code	object	false	none	none
» changed	[AlternateServerProbeCode]	false	none	List of the changed alternate probe code for some server version.
» deleted	[DeletedAlternateServerProbeCode]	false	none	List of the delete alternate probe code for some server versions.
» added	[AlternateServerProbeCode]	false	none	List of the alternate probe code added for some server versions.

Probes

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Unique id of the probe.
probe_name	string	false	none	Name of the probe.
default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
default_lifetime	integer	false	none	Defines the default history data retention time (in days).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

ProbeConfigData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Probe execution frequency (in minutes). Allowed interval value (in minutes) is 0-2880 minutes. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
interval_sec	integer	false	none	Probe execution frequency (in seconds). Allowed interval value (in seconds) is 0-59 seconds. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
lifetime	integer	false	none	Probe history data retention period (in days). i.e. $1 \geq \text{lifetime} \geq 365$.
enabled	boolean	false	none	Enable/Disable probe for the given object.

CopyAgentData

```
{
  "type": "string",
  "agent_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

CopyServerData

```
{
  "type": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none

CopyDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none

CopySchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none

CopyAlertAgentData

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertServerData

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertTableData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "table"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
table_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertIndexData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "index"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
index_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertFunctionData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "function"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
function_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSequenceData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "sequence"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
sequence_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

Agent

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Returns the list of the objects, which contains the agent information, version, capabilities, and details about the host on which it has been installed.

For example:

\

```
[{
  /* Agent information */
  "id": 1,
  "gid": 0,
  "name": "Postgres Enterprise Manager Host"
  "version": "6.0.1",
  "active": True,
  "heartbeat_int": 30,
  "alert_blackout": False,
  "owner": "postgres",
  "team": None,

  /* Deatils about the Host, on which it is installed */
  "operating_sys": "Ubuntu 12.04.5 LTS",
  "host_name": "akshay-ubuntu",

  "boot_time": "2016-09-19 12:28:27+05:30",
  "domain_name": "(none)",
  "window_domain": None,

  /* Agent capabilities */
  "capability_list": "unix, getloadavg, disk_space, memory_usage, cpu_usage, network_
os_statistics, os_info, slony_replication, auto_discover_servers, allow_server_restar

  /* Monitored servers */
  "server_bind": "Postgres Enterprise Manager Server, PostgreSQL 9.3, PostgreSQL 9.4"
}]
```

a

Properties

Name	Type	Required	Restrictions	Description
id	integer	true	none	Identity of the pem-agent

Name	Type	Required	Restrictions	Description
name	string	true	none	Description (name) of the agent.
version	string	true	none	Version of the pem-agent
active	boolean	true	none	Whether the agent is active, or not. An active agent is responsible for collecting the statistics for the host, and the monitored server..
heartbeat_int	integer	true	none	heartbeat interval (in seconds) for the agent. How frequently the agent will send the heartbeat status to the PEM database server about itself, and the monitoring database server.
alert_blackout	boolean	true	none	Flag to indicates about the alert blacked out for the agent
owner	string	true	none	Username, using whom the agent was installed, is called owner.
team	string	true	none	Name of the role/user, who can see this agent. null/empty value suggest, all user can see this agent.
group	integer	false	none	Identity of the group

Server

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server id
name	string	false	none	Server name
host	string	false	none	Server host
port	integer	false	none	Server port
database	string	false	none	Maintenance databse
ssl	integer	false	none	SSL mode
serviceid	string	false	none	Server service id
active	boolean	false	none	Defines whether the server is active, or not.

Name	Type	Required	Restrictions	Description
alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
owner	integer	false	none	ID of the owner, who registered the server with PEM.
team	string	false	none	Defines the role/username, who can see the server information.
server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
efm_cluster_name	string	false	none	Cluster name of EFM
efm_service_name	string	false	none	Service name of EFM
efm_installation_path	string	false	none	Installation Path of EFM
comment	string	false	none	Description about the Server.
username	string	false	none	Username for connecting the database server.
gid	integer	false	none	ID of the Server group
db_restriction	string	false	none	Database restriction SQL clause
role	string	false	none	The role the connection will use
is_edb	boolean	false	none	Is server an EDB Advanced Server?
agent_id	integer	false	none	Agent id bound to the server
asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
asb_database	string	false	none	PEM database to which agent will connect.
asb_sslmode	string	false	none	PEM database ssl mode.
asb_password	string	false	none	empty string.
asb_allow takeover	string	false	none	Whether server allowed to take over by another agent.
agent_capability_list	[string]	false	none	Array of capabilities the agent has
agent_description	string	false	none	Agent description
fgcolor	string	false	none	Foreground color of server node in browser tree
bgcolor	string	false	none	Background color of server node in browser tree
sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

Database

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
database_name	string	false	none	Database name
connections_allowed	boolean	false	none	Is connection to database allowed
system_database	boolean	false	none	Is database system database
recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
encoding	string	false	none	Database encoding
server_id	integer	false	none	Server id of database

Schema

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name of schema
server_id	integer	false	none	Server id schmea
recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

Table

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
table_name	string	false	none	Table name
schema_name	string	false	none	schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
has_primary_key	boolean	false	none	Weather table has primary key

Name	Type	Required	Restrictions	Description
recorded_time	string	false	none	When table was first detected by PEM agent

Index

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
index_name	string	false	none	Index name
ind_keys	[integer]	false	none	indexed column positions in table
table_name	string	false	none	Table name
schema_name	string	false	none	Schema
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string	false	none	When index was first detected by PEM agent

Sequence

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
sequence_name	string	false	none	Sequence name
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

Function

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
function_name	string	false	none	Function name
function_type	string	false	none	Function type
return_type	string	false	none	Function return type
arg_types	[string]	false	none	Function argument types
function_binary	string	false	none	none
extension_name	string	false	none	none
package_name	string	false	none	Function package name
schema_name	string	false	none	Function schema
database_name	string	false	none	Function database name
server_id	integer	false	none	Function server id
recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

View

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
view_name	string	false	none	View name
view_type	string	false	none	View type
ispopulated	boolean	false	none	Is view populated
view_owner	string	false	none	View owner
definition	string	false	none	View definition
tablespace_name	string	false	none	View tablespace
schema_name	string	false	none	View schema
database_name	string	false	none	View database
server_id	integer	false	none	View server id
recorded_time	string	false	none	When view was first detected by PEM agent

5 EDB Postgres Enterprise Manager REST APIs v4.0

NOTE:

- EDB Postgres Enterprise Manager *is referred as PEM in this documentation.*
- PEM *uses self-certified SSL certificates, hence - you may get error like 'SSL certificate problem: self signed certificate'. You may need to use the 'insecure' connection to connect to the server.*

PEM exposes end-points (REST APIs) for the following operations:

- *Retrieval of the objects retrieved from the monitored server, and agents.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for probes.*
- *Retrieval of the statistics/metrics data (including the historical data) collected by different probes.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alerts.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for email group used by the alerts mechanism.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alert templates used by the alerts.*
- *Retrieval, and Update of the probe configuration.*
- *Copy the agents/servers/database/schema level probe configurations to other same level, or lower level objects.*
- *Copy the alert configuration of one object to other objects.*
- *Retrieval, and Update the PEM-server configurations.*

Base URLs:

- [/api/v4](#)

Email: [EnterpriseDB](#) Web: [EnterpriseDB](#) License: [Limited Use Software License Agreement](#)

Object

Object can be an pem-agent, a monitored server, or a database object (i.e. database, schema, table, index, sequence, function, view).

Retrieve of the pem-agent information

Code samples

`GET /agent/`

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Agent

This operation does not require authentication

Retrieve the information for the agent, identified by the agent_id.

Code samples

`GET /agent/{agent_id}`

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Agent

This operation does not require authentication

Update the agent information

Code samples

```
PUT /agent/{agent_id}
```

Body parameter

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Agent	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the agent by PEM.

Code samples

```
DELETE /agent/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieval of the managed server list

Code samples

```
GET /server/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "host": "string",
    "port": 0,
    "database": "string",
    "ssl": 0,
    "serviceid": "string",
    "active": true,
    "alert_blackout": true,
    "owner": 0,
    "team": "string",
    "server_owner": "string",
    "is_remote_monitoring": true,
    "efm_cluster_name": "string",
    "efm_service_name": "string",
    "efm_installation_path": "string",
    "comment": "string",
    "username": "string",
    "gid": 0,
    "db_restriction": "string",
    "role": "string",
    "is_edb": true,
    "agent_id": 0,
    "asb_host": "string",
    "asb_port": 0,
    "asb_username": "string",
    "asb_database": "string",
    "asb_sslmode": "string",
    "asb_password": "string",
    "asb_allowtakeover": "string",
    "agent_capability_list": [
      "string"
    ],
    "agent_description": "string",
    "fgcolor": "string",
    "bgcolor": "string",
    "sslcompression": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Server]	false	none	none
» id	integer	false	none	Server id
» name	string	false	none	Server name
» host	string	false	none	Server host
» port	integer	false	none	Server port
» database	string	false	none	Maintenance databse
» ssl	integer	false	none	SSL mode
» serviceid	string	false	none	Server service id
» active	boolean	false	none	Defines whether the server is active, or not.
» alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
» owner	integer	false	none	ID of the owner, who registered the server with PEM.
» team	string	false	none	Defines the role/username, who can see the server information.
» server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
» is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
» efm_cluster_name	string	false	none	Cluster name of EFM
» efm_service_name	string	false	none	Service name of EFM
» efm_installation_path	string	false	none	Installation Path of EFM
» comment	string	false	none	Description about the Server.
» username	string	false	none	Username for connecting the database server.
» gid	integer	false	none	ID of the Server group
» db_restriction	string	false	none	Database restriction SQL clause
» role	string	false	none	The role the connection will use
» is_edb	boolean	false	none	Is server an EDB Advanced Server?
» agent_id	integer	false	none	Agent id bound to the server
» asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
» asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
» asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
» asb_database	string	false	none	PEM database to which agent will connect.
» asb_sslmode	string	false	none	PEM database ssl mode.
» asb_password	string	false	none	empty string.
» asb_allowtakeover	string	false	none	Whether server allowed to take over by another agent.
» agent_capability_list	[string]	false	none	Array of capabilities the agent has
» agent_description	string	false	none	Agent description
» fgcolor	string	false	none	Foreground color of server node in browser tree
» bgcolor	string	false	none	Background color of server node in browser tree

Name	Type	Required	Restrictions	Description
» sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

This operation does not require authentication

Add a new managed database server.

Code samples

```
POST /server/
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the information for the server, identified by the `server_id`.

Code samples

```
GET /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Created successfully	Server

This operation does not require authentication

Update the server information

Code samples

PUT /server/{server_id}

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the server by PEM.

Code samples

```
DELETE /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the list of properties of database(s) for a managed server.

Code samples

```
GET /server/{sid}/database/
```

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID

Example responses

200 Response

```
[
  {
    "database_name": "string",
    "connections_allowed": true,
    "system_database": true,
    "recorded_time": "2019-08-24T14:15:22Z",
    "encoding": "string",
    "server_id": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Database]	false	none	none
» database_name	string	false	none	Database name
» connections_allowed	boolean	false	none	Is connection to database allowed
» system_database	boolean	false	none	Is database system database
» recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
» encoding	string	false	none	Database encoding
» server_id	integer	false	none	Server id of database

This operation does not require authentication

Retrieve the properties of the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Database

This operation does not require authentication

Retrieve the list of properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Schema]	false	none	none
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name of schema
» server_id	integer	false	none	Server id schmea
» recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Schema

This operation does not require authentication

Retrieve the list of properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "has_primary_key": true,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Table]	false	none	none
» table_name	string	false	none	Table name
» schema_name	string	false	none	schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» has_primary_key	boolean	false	none	Weather table has primary key
» recorded_time	string	false	none	When table was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/{table_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
table_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Table

This operation does not require authentication

Retrieve the list of properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "index_name": "string",
    "ind_keys": [
      0
    ],
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```


Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Index]	false	none	none
» index_name	string	false	none	Index name
» ind_keys	[integer]	false	none	indexed column positions in table
» table_name	string	false	none	Table name
» schema_name	string	false	none	Schema
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string	false	none	When index was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/{index_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
index_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Index

This operation does not require authentication

Retrieve the list of properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "sequence_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Sequence]	false	none	none
» sequence_name	string	false	none	Sequence name
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/{sequence_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
sequence_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Sequence

This operation does not require authentication

Retrieve the list of properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "view_name": "string",
    "view_type": "string",
    "ispopulated": true,
    "view_owner": "string",
    "definition": "string",
    "tablespace_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[View]	false	none	none
» view_name	string	false	none	View name
» view_type	string	false	none	View type
» ispopulated	boolean	false	none	Is view populated
» view_owner	string	false	none	View owner
» definition	string	false	none	View definition
» tablespace_name	string	false	none	View tablespace
» schema_name	string	false	none	View schema
» database_name	string	false	none	View database
» server_id	integer	false	none	View server id
» recorded_time	string	false	none	When view was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/{view_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
view_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	View

This operation does not require authentication

Retrieve the list of properties of functions resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "function_name": "string",
    "function_type": "string",
    "return_type": "string",
    "arg_types": [
      "string"
    ],
    "function_binary": "string",
    "extension_name": "string",
    "package_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Function]	false	none	none
» function_name	string	false	none	Function name
» function_type	string	false	none	Function type
» return_type	string	false	none	Function return type
» arg_types	[string]	false	none	Function argument types
» function_binary	string	false	none	none
» extension_name	string	false	none	none
» package_name	string	false	none	Function package name
» schema_name	string	false	none	Function schema
» database_name	string	false	none	Function database name
» server_id	integer	false	none	Function server id
» recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of function resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/{function_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
function_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Function

This operation does not require authentication

Monitored Object Status

Retrieve of the status of all the visible pem-agent

Code samples

GET /agent/status/

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "group_id": 0,
    "group_name": "string",
    "blackout": true,
    "status": "UP",
    "alerts": {
      "total": 0,
      "acknowledged": 0,
      "high": 0,
      "medium": 0,
      "low": 0,
      "high_acknowledged": 0,
      "medium_acknowledged": 0,
      "low_acknowledged": 0
    },
    "version": "string",
    "processes": 0,
    "threads": 0,
    "cpu_utilization": 0,
    "memory_utilization": 0,
    "swap_utilization": 0,
    "disk_utilization": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AgentStatus]	false	none	none
» id	integer	false	none	Agent ID
» name	string	false	none	Agent name
» group_id	integer	false	none	Group ID under which Agent is visible to the user
» group_name	string	false	none	Group name
» blackout	boolean	false	none	Enabled/Disabled alert blackout for the agent
» status	string	false	none	Agent status can be UP, DOWN, or UNKNOWN
» alerts	object	false	none	List of alert configured for the agent and it's status and how many are acknowledged
»» total	integer	false	none	Number of alerts configured for the agent
»» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
»» high	integer	false	none	Number of alerts with state as 'High'
»» medium	integer	false	none	Number of alerts with state as 'Medium'
»» low	integer	false	none	Number of alerts with state as 'Low'
»» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
»» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
»» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
» version	string	false	none	Current version of the agent
» processes	integer	false	none	Number of processes running
» threads	integer	false	none	Number of threads for all the running processes
» cpu_utilization	number	false	none	CPU utilization (Percentage)
» memory_utilization	number	false	none	Memory utilization (Percentage)
» swap_utilization	number	false	none	Swap memory utilization (Percentage)
» disk_utilization	number	false	none	Overall disk utilization (Percentage)

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN

This operation does not require authentication

Retrieve of the status of the pem-agent, identified by the agent_id.

Code samples

```
GET /agent/status/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "processes": 0,
  "threads": 0,
  "cpu_utilization": 0,
  "memory_utilization": 0,
  "swap_utilization": 0,
  "disk_utilization": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AgentStatus
400	Bad Request	Agent not found or visible to the user	None

Response Schema

This operation does not require authentication

Retrieve of the status of all the visible database server

Code samples

```
GET /server/status/
```

It returns the list of the information, and status for the database servers visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "group_id": 0,
    "group_name": "string",
    "blackout": true,
    "status": "UP",
    "alerts": {
      "total": 0,
      "acknowledged": 0,
      "high": 0,
      "medium": 0,
      "low": 0,
      "high_acknowledged": 0,
      "medium_acknowledged": 0,
      "low_acknowledged": 0
    },
    "version": "string",
    "number_connections": 0,
    "remote_monitoring": true,
    "agent_id": 0,
    "sessions": {
      "last_recorded_time": 0,
      "sessions": [
        {
          "database_name": "string",
          "procpid": 0,
          "username": "string",
          "backend_start": 0,
          "xact_start": 0,
          "query_start": 0,
          "is_waiting": true,
          "is_idle": true,
          "is_idle_in_transaction": true,
          "is_vacuum": true,
          "is_autovacuum": true,
          "client_addr": "string",
          "client_port": 0,
          "memory_usage_mb": 0,
          "swap_usage_mb": 0,
          "cpu_usage": 0,
          "io_read_bytes": 0,
          "io_write_bytes": 0,
          "state": "string",
          "state_change": 0
        }
      ]
    }
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the database servers.	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[ServerStatus]	false	none	none
» id	integer	false	none	Server ID
» name	string	false	none	Server name
» group_id	integer	false	none	Group ID under which database server is visible to the user
» group_name	string	false	none	Group name
» blackout	boolean	false	none	Status of the alert blackout for the database server
» status	string	false	none	Server status can be UP, DOWN, UNKNOWN, or UNMANAGED,
» alerts	object	false	none	List of alert configured for the database server and it's status and how many are acknowledged
»» total	integer	false	none	Number of alerts configured for the database server
»» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
»» high	integer	false	none	Number of alerts with state as 'High'
»» medium	integer	false	none	Number of alerts with state as 'Medium'
»» low	integer	false	none	Number of alerts with state as 'Low'
»» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
»» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
»» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
» version	string	false	none	Current version of the database server
» number_connections	integer	false	none	Number of connections on the database servers
» remote_monitoring	boolean	false	none	Whether the database server is being monitored remotely by the pemAgent
» agent_id	integer	false	none	Agent ID, which is monitoring the database server
» sessions	object	false	none	All the session information for the daabase servers
»» last_recorded_time	number	false	none	Unix time representing the last session information recorded time
»» sessions	[object]	false	none	List of all the session information for the database server
»»» database_name	string	false	none	Database name
»»» procpid	integer	false	none	Process ID
»»» username	string	false	none	User name

Name	Type	Required	Restrictions	Description
»»»» backend_start	number	false	none	Unix time representing the session start time
»»»» xact_start	number	false	none	Unix time representing the transaction start time
»»»» query_start	number	false	none	Unix time representing the query start time (if any running)
»»»» is_waiting	boolean	false	none	Is the session waiting?
»»»» is_idle	boolean	false	none	Is the session idle?
»»»» is_idle_in_transaction	boolean	false	none	Is the session idle in a transaction?
»»»» is_vacuum	boolean	false	none	Is this a VACUUM session?
»»»» is_autovacuum	boolean	false	none	Is this a AUTO VACUUM session?
»»»» client_addr	string	false	none	Host address for the client of the session
»»»» client_port	integer	false	none	Client port for the session
»»»» memory_usage_mb	number	false	none	Memory usage (in MB) of the session (available only when monitored locally)
»»»» swap_usage_mb	number	false	none	Swap memory usage (in MB) of the session (available only when monitored locally)
»»»» cpu_usage	number	false	none	CPU Usage (in percentage) of the session (available only when monitored locally)
»»»» io_read_bytes	number	false	none	I/O Read (in bytes) of the session (available only when monitored locally)
»»»» io_write_bytes	number	false	none	I/O Write (in bytes) of the session (available only when monitored locally)
»»»» state	string	false	none	Current state of the session (idle, active, idle in transaction, etc)
»»»» state_change	number	false	none	Unix time representing the last state change time of the session

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN
status	UNMANAGED

This operation does not require authentication

Retrieve of the status of the database server, identified by the `server_id`.

Code samples

```
GET /server/status/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "number_connections": 0,
  "remote_monitoring": true,
  "agent_id": 0,
  "sessions": {
    "last_recorded_time": 0,
    "sessions": [
      {
        "database_name": "string",
        "procpid": 0,
        "username": "string",
        "backend_start": 0,
        "xact_start": 0,
        "query_start": 0,
        "is_waiting": true,
        "is_idle": true,
        "is_idle_in_transaction": true,
        "is_vacuum": true,
        "is_autovacuum": true,
        "client_addr": "string",
        "client_port": 0,
        "memory_usage_mb": 0,
        "swap_usage_mb": 0,
        "cpu_usage": 0,
        "io_read_bytes": 0,
        "io_write_bytes": 0,
        "state": "string",
        "state_change": 0
      }
    ]
  }
}

```

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful response	ServerStatus
400	Bad Request	server not found or visible to the user	None

Response Schema

This operation does not require authentication

Alerts History

get__alert_history_

Code samples

```
GET /alert/history/
```

Gets the state change history of all the alerts.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_agent_{agent_id}

Code samples

```
GET /alert/history/agent/{agent_id}
```

Gets the state change history of all the alerts for the agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Valid Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_server_{server_id}

Code samples

```
GET /alert/history/server/{server_id}
```

Gets the state change history of all the alerts for the database server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Valid Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_server_{server_id}database{database_name}

Code samples

```
GET /alert/history/server/{server_id}/database/{database_name}
```

Gets the state change history of all the alerts for the database of the databae server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Valid Server ID
database_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

Alert Status

get__alert_status_

Code samples

```
GET /alert/status/
```

Gets the current status of all the alerts.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_since": "string",
    "alert_id": 0,
    "alert_name": "string",
    "alert_state": "High",
    "value": "string",
    "object_description": "string",
    "server_id": 0,
    "agent_id": 0,
    "database": "string",
    "schema": "string",
    "package": "string",
    "object": "string",
    "alert_target_level": "Global",
    "last_processed": "string",
    "info": "string",
    "info_cols": [
      "string"
    ],
    "info_vals": [
      [
        "string"
      ]
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertStatus]	false	none	none
» alert_since	string	false	none	Unix Time at which alert state has last changed.
» alert_id	integer	false	none	Alert internal identification number
» alert_name	string	false	none	Name of the alert.
» alert_state	string	false	none	Current state of the alert. 'null' value suggested alert threshold values has not been violated for the alert at the moments.
» value	string	false	none	Current value of the alert
» object_description	string	false	none	Monitoring object description/name
» server_id	integer	false	none	null or ID of the server
» agent_id	integer	false	none	null or ID of the agent
» database	string	false	none	null or name of the database
» schema	string	false	none	null or name of the schema/namespace
» package	string	false	none	null or name of the EDB package
» object	string	false	none	null or name of any other type of object
» alert_target_level	string	false	none	Alert target level
» last_processed	string	false	none	String representing unix time at which the alert has been processed
» info	string	false	none	Some information at the time of alert generated
» info_cols	[string]	false	none	Array of column names for the information
» info_vals	[array]	false	none	Detailed information associated with the alert in the form of table (array of array)

Enumerated Values

Property	Value
alert_state	High
alert_state	Medium
alert_state	Low
alert_target_level	Global
alert_target_level	Agent
alert_target_level	Server
alert_target_level	Database
alert_target_level	Schema
alert_target_level	Table
alert_target_level	Index
alert_target_level	Sequence
alert_target_level	Function

Property	Value
alert_target_level	View

This operation does not require authentication

get__alert_status_{since}

Code samples

```
GET /alert/status/{since}
```

Gets the list of alerts state changes after the given time

Parameters

Name	In	Type	Required	Description
since	path	number	true	Unix timeline
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "alert_since": "string",
  "alert_id": 0,
  "alert_name": "string",
  "alert_state": "High",
  "value": "string",
  "object_description": "string",
  "server_id": 0,
  "agent_id": 0,
  "database": "string",
  "schema": "string",
  "package": "string",
  "object": "string",
  "alert_target_level": "Global",
  "last_processed": "string",
  "info": "string",
  "info_cols": [
    "string"
  ],
  "info_vals": [
    [
      "string"
    ]
  ]
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertStatus

This operation does not require authentication

Alerts

get__alert_config_global_

Code samples

```
GET /alert/config/global/
```

Gets Alerts for global level.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_global_

Code samples

```
POST /alert/config/global/
```

Create `Alert` for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_global_{id}

Code samples

```
GET /alert/config/global/{id}
```

Gets Alerts for global level by alert_id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_global_{id}

Code samples

```
PUT /alert/config/global/{id}
```

Update **Alert** for global level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_global_{id}

Code samples

```
DELETE /alert/config/global/{id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}

Code samples

```
GET /alert/config/agent/{agent_id}
```

Gets **Alerts** for agent level by agent_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_agent_{agent_id}

Code samples

```
POST /alert/config/agent/{agent_id}
```

Create **Alert** for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
GET /alert/config/agent/{agent_id}/{alert_id}
```

Gets Alerts for agent level by agent_id and alert_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
PUT /alert/config/agent/{agent_id}/{alert_id}
```

Update **Alert** for agent level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
DELETE /alert/config/agent/{agent_id}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}

Code samples

```
GET /alert/config/server/{server_id}
```

Gets **Alerts** for server level by server_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}

Code samples

```
POST /alert/config/server/{server_id}
```

Create **Alert** for server level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}_{alert_id}

Code samples

```
GET /alert/config/server/{server_id}/{alert_id}
```

Gets Alerts for server level by server_id and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/{alert_id}
```

Update **Alert** for server level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_server_{server_id}_{alert_id}

Code samples

```
DELETE /alert/config/server/{server_id}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}
```

Gets **Alerts** for database level by server_id and database_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}
```

Create **Alert** for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Gets Alerts for database level by server_id, database_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Update **Alert** for database level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
DELETE /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Delete the `Alert` object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Gets **Alerts** for schema level by server_id, database_name and schema_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.

Name	Type	Required	Restrictions	Description
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.

Name	Type	Required	Restrictions	Description
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Create **Alert** for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert
```

Gets Alerts for schema level by server_id, database_name, schema_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert

Update **Alert** for schema level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets **Alerts** for table level by server_id, database_name, schema_name and table_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Create `Alert` for table level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets **Alerts** for table level by server_id, database_name, schema_name, table_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_n`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/

Update **Alert** for table level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table`

Code samples

```
DELETE
```

```
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name and index_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.

Name	Type	Required	Restrictions	Description
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.

Name	Type	Required	Restrictions	Description
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Create `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name, index_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_r`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/

Update **Alert** for index level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets **Alerts** for sequence level by server_id, database_name, schema_name and sequence_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Create `Alert` for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets **Alerts** for sequence level by server_id, database_name, schema_name, sequence_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen

Update **Alert** for sequence level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{s`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name and view_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Create `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name, view_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{

Update **Alert** for view level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_`

Code samples

```
DELETE
```

```
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Gets **Alerts** for function level by server_id, database_name, schema_name and function_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.

Name	Type	Required	Restrictions	Description
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fun`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Create `Alert` for function level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets **Alerts** for function level by server_id, database_name, schema_name, function_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func

Code samples

PUT

/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}

Update **Alert** for function level.

Body parameter

```
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated

Name	In	Type	Required	Description
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fu`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Copy Alert

post__alert_copy_agent_{agent_id}

Code samples

```
POST /alert/copy/agent/{agent_id}
```

Copy agent level alert to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}

Code samples

POST /alert/copy/server/{server_id}

Copy server level alert to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}

Code samples

POST /alert/copy/server/{server_id}/database/{database_name}

Copy database level alert to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy schema level alert to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	CopyAlertSchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Copy table level alert to another table

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertTableData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Copy index level alert to another index

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertIndexData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Copy function level alert to another function

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertFunctionData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Copy sequence level alert to another sequence

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertSequenceData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Alert template

`get__alert_template__`

Code samples

`GET /alert/template/`

Gets Alert templates.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "description": "string",
    "default_history_retention": 0,
    "object_type": 0,
    "sql": "string",
    "applicable_on_server": "ALL",
    "default_check_frequency": 0,
    "threshold_unit": "string",
    "is_system_template": true,
    "is_auto_create": true,
    "thresholds": [
      0
    ],
    "operator": ">",
    "high_threshold_value": "string",
    "medium_threshold_value": "string",
    "low_threshold_value": "string",
    "info_sql": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertTemplate]	false	none	none
» id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
» default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
» object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
» sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
» applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
» default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
» is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
» is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
» thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
» operator	string	false	none	Operator to compare threshold values.
» high_threshold_value	string	false	none	High threshold value.
» medium_threshold_value	string	false	none	Medium threshold value.
» low_threshold_value	string	false	none	Low threshold value.
» info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

This operation does not require authentication

post__alert_template_

Code samples

```
POST /alert/template/
```

Create Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_template_{id}

Code samples

```
GET /alert/template/{id}
```

Gets Alert template identified by the id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertTemplate

This operation does not require authentication

put__alert_template_{id}

Code samples

```
PUT /alert/template/{id}
```

Update Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_template_{id}

Code samples

```
DELETE /alert/template/{id}
```

Delete the Alert template.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Custom Probe

get__probe_

Code samples

```
GET /probe/
```

Get all the custom/system probes.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "enabled": true,
    "target_type": 0,
    "internal_name": "string",
    "is_system_probe": true,
    "any_server_version": true,
    "collection_method": "w",
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_id": 0,
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_internal_name": "string",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_position": 0,
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomProbes]	false	none	none
» probe_id	integer	false	none	Identifier for a probe.

Name	Type	Required	Restrictions	Description
» probe_name	string	false	none	Name of the probe.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default. Defines the type of the object on which the probe is applicable to. <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type	integer	false	none	
» internal_name	string	false	none	Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.
» is_system_probe	boolean	false	none	Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.
» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.

Name	Type	Required	Restrictions	Description
» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
» probe_columns	[object]	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestampz
»» pc_data_type	string	false	none	
»» pc_internal_name	string	false	none	Returns the internal name of the column.
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»» pc_position	integer	false	none	Returns the position of the column in the internal table.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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10905	PostgreSQL 9.5																													
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21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
»» server_version_id	integer	false	none																											
»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision

Property	Value
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestamptz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

post__probe_

Code samples

POST /probe/

Create new custom probe

Body parameter

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_{probe_id}

Code samples

```
GET /probe/{probe_id}
```

Get probe information for specified probe id.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	CustomProbes

This operation does not require authentication

put__probe_{probe_id}

Code samples

```
PUT /probe/{probe_id}
```

Update custom/system probe information for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__probe_{probe_id}

Code samples

```
DELETE /probe/{probe_id}
```

Delete the custom probe.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Probe Configuration

get__probe_config_server_{server_id}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/{probe_id}
```

Get server level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}_{probe_id}

Code samples

```
PUT /probe/config/server/{server_id}/{probe_id}
```

Update server level probe configuration for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Get all the schema level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe
```

Get schema level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
PUT
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Update schema level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Get all the table level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get table level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get all the index level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get index level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get all the sequence level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get sequence level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get all the function level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get function level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get all the view level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get view level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_agent_{agent_id}

Code samples

```
GET /probe/config/agent/{agent_id}
```

Get all the agent level probes.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}

Code samples

```
GET /probe/config/server/{server_id}
```

Get all the server level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}
```

Get all the database level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Get database level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
PUT /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Update database level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Copy Probe

post__probe_copy_agent_{agent_id}

Code samples

```
POST /probe/copy/agent/{agent_id}
```

Copy Agent level probe to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}

Code samples

```
POST /probe/copy/server/{server_id}
```

Copy Server level probe to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}

Copy Database level probe to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}/schema/{schema_name}

Copy Schame level probe to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopySchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Probe data

get__probe_data_agent_{agent_id}_{probe_id}

Code samples

```
GET /probe/data/agent/{agent_id}/{probe_id}
```

Gets [Probe data](#) for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_data_server_{server_id}_{probe_id}

Code samples

```
GET /probe/data/server/{server_id}/{probe_id}
```

Gets **Probe data** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/{probe_id}
```

Gets **Probe data** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Gets **Probe data** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Gets **Probe data** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Gets **Probe data** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}sequence{sequ`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Gets **Probe data** for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Gets **Probe data** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

GET
`/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/function`

Gets **Probe data** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Probe history

`get__probe_history_agent_{agent_id}from{start_time}to{end_time}_{probe_id}`

Code samples

`GET /probe/history/agent/{agent_id}/from/{start_time}/to/{end_time}/{probe_id}`

Gets **Probe history** for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/server/{server_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}from{start_time}to{end_time}_{prol`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/from/{start_time}/to/{end_
```

Gets **Probe history** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}from{start_t`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/from/
```

Gets **Probe history** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/table
```

Gets **Probe history** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/index
```

Gets **Probe history** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/seque
```

Gets **Probe history** for sequence.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/view/
```

Gets **Probe history** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name

Name	In	Type	Required	Description
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_history_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET /probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Gets **Probe history** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[  
  {}  
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Schemas

AlertPayload

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.

Name	Type	Required	Restrictions	Description
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

Alert

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.

Name	Type	Required	Restrictions	Description
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

AlertParams

```
{
  "paramname": "string",
  "paramvalue": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
paramvalue	string	false	none	Value for the given parameter

AlternateServerProbeCode

```
{
  "server_version_id": 0,
  "server_probe_code": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr><td>10905</td><td>PostgreSQL 9.5</td></tr> <tr><td>10906</td><td>PostgreSQL 9.6</td></tr> <tr><td>11000</td><td>PostgreSQL 10</td></tr> <tr><td>11100</td><td>PostgreSQL 11</td></tr> <tr><td>11200</td><td>PostgreSQL 12</td></tr> <tr><td>11300</td><td>PostgreSQL 13</td></tr> <tr><td>20905</td><td>Postgres Plus Advanced Server 9.5</td></tr> <tr><td>20906</td><td>Postgres Plus Advanced Server 9.6</td></tr> <tr><td>21000</td><td>EDB Postgres Advanced Server 10</td></tr> <tr><td>21100</td><td>EDB Postgres Advanced Server 11</td></tr> <tr><td>21200</td><td>EDB Postgres Advanced Server 12</td></tr> <tr><td>21300</td><td>EDB Postgres Advanced Server 13</td></tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
server_version_id	Database Server																													
10905	PostgreSQL 9.5																													
10906	PostgreSQL 9.6																													
11000	PostgreSQL 10																													
11100	PostgreSQL 11																													
11200	PostgreSQL 12																													
11300	PostgreSQL 13																													
20905	Postgres Plus Advanced Server 9.5																													
20906	Postgres Plus Advanced Server 9.6																													
21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											
server_probe_code	string	false	none	SQL query to run on the specified server version																										

DeletedAlternateServerProbeCode

```
{
  "server_version_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
				Server version id for the support monitored server
				server_version_id Database Server
				10905 PostgreSQL 9.5
				10906 PostgreSQL 9.6
				11000 PostgreSQL 10
				11100 PostgreSQL 11
				11200 PostgreSQL 12
server_version_id	integer	false	none	11300 PostgreSQL 13
				20905 Postgres Plus Advanced Server 9.5
				20906 Postgres Plus Advanced Server 9.6
				21000 EDB Postgres Advanced Server 10
				21100 EDB Postgres Advanced Server 11
				21200 EDB Postgres Advanced Server 12
				21300 EDB Postgres Advanced Server 13

AlertTemplate

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.

Name	Type	Required	Restrictions	Description
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.

Name	Type	Required	Restrictions	Description
thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
operator	string	false	none	Operator to compare threshold values.
high_threshold_value	string	false	none	High threshold value.
medium_threshold_value	string	false	none	Medium threshold value.
low_threshold_value	string	false	none	Low threshold value.
info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

AlertHistory

```
{
  "alert_id": 0,
  "state": "High",
  "value": "string",
  "actual_value": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_id	integer	false	none	Alert ID
state	string	false	none	State
value	string	false	none	User presentable value
actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

ServerStatus

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "number_connections": 0,
  "remote_monitoring": true,
  "agent_id": 0,
  "sessions": {
    "last_recorded_time": 0,
    "sessions": [
      {
        "database_name": "string",
        "procpid": 0,
        "username": "string",
        "backend_start": 0,
        "xact_start": 0,
        "query_start": 0,
        "is_waiting": true,
        "is_idle": true,
        "is_idle_in_transaction": true,
        "is_vacuum": true,
        "is_autovacuum": true,
        "client_addr": "string",
        "client_port": 0,
        "memory_usage_mb": 0,
        "swap_usage_mb": 0,
        "cpu_usage": 0,
        "io_read_bytes": 0,
        "io_write_bytes": 0,
        "state": "string",
        "state_change": 0
      }
    ]
  }
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server ID

Name	Type	Required	Restrictions	Description
name	string	false	none	Server name
group_id	integer	false	none	Group ID under which database server is visible to the user
group_name	string	false	none	Group name
blackout	boolean	false	none	Status of the alert blackout for the database server
status	string	false	none	Server status can be UP, DOWN, UNKNOWN, or UNMANAGED,
alerts	object	false	none	List of alert configured for the database server and it's status and how many are acknowledged
» total	integer	false	none	Number of alerts configured for the database server
» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
» high	integer	false	none	Number of alerts with state as 'High'
» medium	integer	false	none	Number of alerts with state as 'Medium'
» low	integer	false	none	Number of alerts with state as 'Low'
» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
version	string	false	none	Current version of the database server
number_connections	integer	false	none	Number of connections on the database servers
remote_monitoring	boolean	false	none	Whether the database server is being monitored remotely by the pemAgent
agent_id	integer	false	none	Agent ID, which is monitoring the database server
sessions	object	false	none	All the session information for the daabase servers
» last_recorded_time	number	false	none	Unix time representing the last session information recorded time
» sessions	[object]	false	none	List of all the session information for the database server
»» database_name	string	false	none	Database name
»» procpid	integer	false	none	Process ID
»» username	string	false	none	User name
»» backend_start	number	false	none	Unix time representing the session start time
»» xact_start	number	false	none	Unix time representing the transaction start time
»» query_start	number	false	none	Unix time representing the query start time (if any running)
»» is_waiting	boolean	false	none	Is the sesion waiting?
»» is_idle	boolean	false	none	Is the session idle?
»» is_idle_in_transaction	boolean	false	none	Is the session idle in a transaction?
»» is_vacuum	boolean	false	none	Is this a VACUUM session?
»» is_autovacuum	boolean	false	none	Is this a AUTO VACUUM session?
»» client_addr	string	false	none	Host address for the client of the session
»» client_port	integer	false	none	Client port for the session

Name	Type	Required	Restrictions	Description
»» memory_usage_mb	number	false	none	Memory usage (in MB) of the session (available only when monitored locally)
»» swap_usage_mb	number	false	none	Swap memory usage (in MB) of the session (available only when monitored locally)
»» cpu_usage	number	false	none	CPU Usage (in percentage) of the session (available only when monitored locally)
»» io_read_bytes	number	false	none	I/O Read (in bytes) of the session (available only when monitored locally)
»» io_write_bytes	number	false	none	I/O Write (in bytes) of the session (available only when monitored locally)
»» state	string	false	none	Current state of the session (idle, active, idle in transaction, etc)
»» state_change	number	false	none	Unix time representing the last state change time of the session

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN
status	UNMANAGED

AgentStatus

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "processes": 0,
  "threads": 0,
  "cpu_utilization": 0,
  "memory_utilization": 0,
  "swap_utilization": 0,
  "disk_utilization": 0
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Agent ID
name	string	false	none	Agent name
group_id	integer	false	none	Group ID under which Agent is visible to the user
group_name	string	false	none	Group name
blackout	boolean	false	none	Enabled/Disabled alert blackout for the agent
status	string	false	none	Agent status can be UP, DOWN, or UNKNOWN
alerts	object	false	none	List of alert configured for the agent and it's status and how many are acknowledged
» total	integer	false	none	Number of alerts configured for the agent
» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
» high	integer	false	none	Number of alerts with state as 'High'
» medium	integer	false	none	Number of alerts with state as 'Medium'
» low	integer	false	none	Number of alerts with state as 'Low'
» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
version	string	false	none	Current version of the agent
processes	integer	false	none	Number of processes running

Name	Type	Required	Restrictions	Description
threads	integer	false	none	Number of threads for all the running processes
cpu_utilization	number	false	none	CPU utilization (Percentage)
memory_utilization	number	false	none	Memory utilization (Percentage)
swap_utilization	number	false	none	Swap memory utilization (Percentage)
disk_utilization	number	false	none	Overall disk utilization (Percentage)

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN

AlertStatus

```
{
  "alert_since": "string",
  "alert_id": 0,
  "alert_name": "string",
  "alert_state": "High",
  "value": "string",
  "object_description": "string",
  "server_id": 0,
  "agent_id": 0,
  "database": "string",
  "schema": "string",
  "package": "string",
  "object": "string",
  "alert_target_level": "Global",
  "last_processed": "string",
  "info": "string",
  "info_cols": [
    "string"
  ],
  "info_vals": [
    [
      "string"
    ]
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_since	string	false	none	Unix Time at which alert state has last changed.
alert_id	integer	false	none	Alert internal identification number
alert_name	string	false	none	Name of the alert.

Name	Type	Required	Restrictions	Description
alert_state	string	false	none	Current state of the alert. 'null' value suggested alert threshold values has not been violated for the alert at the moments.
value	string	false	none	Current value of the alert
object_description	string	false	none	Monitoring object description/name
server_id	integer	false	none	null or ID of the server
agent_id	integer	false	none	null or ID of the agent
database	string	false	none	null or name of the database
schema	string	false	none	null or name of the schema/namespace
package	string	false	none	null or name of the EDB package
object	string	false	none	null or name of any other type of object
alert_target_level	string	false	none	Alert target level
last_processed	string	false	none	String representing unix time at which the alert has been processed
info	string	false	none	Some information at the time of alert generated
info_cols	[string]	false	none	Array of column names for the information
info_vals	[array]	false	none	Detailed information associated with the alert in the form of table (array of array)

Enumerated Values

Property	Value
alert_state	High
alert_state	Medium
alert_state	Low
alert_target_level	Global
alert_target_level	Agent
alert_target_level	Server
alert_target_level	Database
alert_target_level	Schema
alert_target_level	Table
alert_target_level	Index
alert_target_level	Sequence
alert_target_level	Function
alert_target_level	View

CustomProbes

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Identifier for a probe.
probe_name	string	false	none	Name of the probe.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
internal_name	string	false	none	<p>Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.</p>
is_system_probe	boolean	false	none	<p>Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.</p>
any_server_version	boolean	false	none	<p>Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.</p>

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_id	integer	false	none	Identifier of the column
» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
» pc_data_type	string	false	none	numeric
				real
				text
				text[]
				timestamp
				timestampz
» pc_internal_name	string	false	none	Returns the internal name of the column.
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_position	integer	false	none	Returns the position of the column in the internal table.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePostData

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
probe_name	string	false	none	Name of the probe.
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none

Name	Type	Required	Restrictions	Description
» pc_name	string	false	none	Name of the column
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
» pc_data_type	string	false	none	numeric
				real
				text
				text[]
				timestamp
				timestampz
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal

Property	Value
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePutData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	object	false	none	none
» changed	object	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
alternate_code	object	false	none	none
» changed	[AlternateServerProbeCode]	false	none	List of the changed alternate probe code for some server version.
» deleted	[DeletedAlternateServerProbeCode]	false	none	List of the delete alternate probe code for some server versions.
» added	[AlternateServerProbeCode]	false	none	List of the alternate probe code added for some server versions.

Probes

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Unique id of the probe.
probe_name	string	false	none	Name of the probe.
default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
default_lifetime	integer	false	none	Defines the default history data retention time (in days).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

ProbeConfigData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Probe execution frequency (in minutes). Allowed interval value (in minutes) is 0-2880 minutes. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
interval_sec	integer	false	none	Probe execution frequency (in seconds). Allowed interval value (in seconds) is 0-59 seconds. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
lifetime	integer	false	none	Probe history data retention period (in days). i.e. $1 \geq \text{lifetime} \geq 365$.
enabled	boolean	false	none	Enable/Disable probe for the given object.

CopyAgentData

```
{
  "type": "string",
  "agent_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

CopyServerData

```
{
  "type": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none

CopyDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none

CopySchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none

CopyAlertAgentData

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

Name	Type	Required	Restrictions	Description
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertServerData

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```


Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertTableData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "table"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
table_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertIndexData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "index"

Name	Type	Required	Restrictions	Description
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
index_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertFunctionData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "function"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
function_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSequenceData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "sequence"
server_id	integer	false	none	none

Name	Type	Required	Restrictions	Description
database_name	string	false	none	none
schema_name	string	false	none	none
sequence_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

Agent

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Returns the list of the objects, which contains the agent information, version, capabilities, and details about the host on which it has been installed.

For example:

\

```
[{
  /* Agent information */
  "id": 1,
  "gid": 0,
  "name": "Postgres Enterprise Manager Host"
  "version": "6.0.1",
  "active": True,
  "heartbeat_int": 30,
  "alert_blackout": False,
  "owner": "postgres",
  "team": None,

  /* Deatils about the Host, on which it is installed */
  "operating_sys": "Ubuntu 12.04.5 LTS",
  "host_name": "akshay-ubuntu",

  "boot_time": "2016-09-19 12:28:27+05:30",
  "domain_name": "(none)",
  "window_domain": None,

  /* Agent capabilities */
  "capability_list": "unix, getloadavg, disk_space, memory_usage, cpu_usage, network_
os_statistics, os_info, slony_replication, auto_discover_servers, allow_server_restar

  /* Monitored servers */
```

```
"server_bind": "Postgres Enterprise Manager Server, PostgreSQL 9.3, PostgreSQL 9.4"
}]
```

a

Properties

Name	Type	Required	Restrictions	Description
id	integer	true	none	Identity of the pem-agent
name	string	true	none	Description (name) of the agent.
version	string	true	none	Version of the pem-agent
active	boolean	true	none	Whether the agent is active, or not. An active agent is responsible for collecting the statistics for the host, and the monitored server..
heartbeat_int	integer	true	none	heartbeat interval (in seconds) for the agent. How frequently the agent will send the heartbeat status to the PEM database server about itself, and the monitoring database server.
alert_blackout	boolean	true	none	Flag to indicates about the alert blacked out for the agent
owner	string	true	none	Username, using whom the agent was installed, is called owner.
team	string	true	none	Name of the role/user, who can see this agent. null/empty value suggest, all user can see this agent.
group	integer	false	none	Identity of the group

Server

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server id
name	string	false	none	Server name
host	string	false	none	Server host
port	integer	false	none	Server port
database	string	false	none	Maintenance databse
ssl	integer	false	none	SSL mode
serviceid	string	false	none	Server service id
active	boolean	false	none	Defines whether the server is active, or not.

Name	Type	Required	Restrictions	Description
alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
owner	integer	false	none	ID of the owner, who registered the server with PEM.
team	string	false	none	Defines the role/username, who can see the server information.
server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
efm_cluster_name	string	false	none	Cluster name of EFM
efm_service_name	string	false	none	Service name of EFM
efm_installation_path	string	false	none	Installation Path of EFM
comment	string	false	none	Description about the Server.
username	string	false	none	Username for connecting the database server.
gid	integer	false	none	ID of the Server group
db_restriction	string	false	none	Database restriction SQL clause
role	string	false	none	The role the connection will use
is_edb	boolean	false	none	Is server an EDB Advanced Server?
agent_id	integer	false	none	Agent id bound to the server
asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
asb_database	string	false	none	PEM database to which agent will connect.
asb_sslmode	string	false	none	PEM database ssl mode.
asb_password	string	false	none	empty string.
asb_allowtakeover	string	false	none	Whether server allowed to take over by another agent.
agent_capability_list	[string]	false	none	Array of capabilities the agent has
agent_description	string	false	none	Agent description
fgcolor	string	false	none	Foreground color of server node in browser tree
bgcolor	string	false	none	Background color of server node in browser tree
sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

Database

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
database_name	string	false	none	Database name
connections_allowed	boolean	false	none	Is connection to database allowed
system_database	boolean	false	none	Is database system database
recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
encoding	string	false	none	Database encoding
server_id	integer	false	none	Server id of database

Schema

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name of schema
server_id	integer	false	none	Server id schmea
recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

Table

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
table_name	string	false	none	Table name
schema_name	string	false	none	schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
has_primary_key	boolean	false	none	Weather table has primary key

Name	Type	Required	Restrictions	Description
recorded_time	string	false	none	When table was first detected by PEM agent

Index

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
index_name	string	false	none	Index name
ind_keys	[integer]	false	none	indexed column positions in table
table_name	string	false	none	Table name
schema_name	string	false	none	Schema
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string	false	none	When index was first detected by PEM agent

Sequence

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
sequence_name	string	false	none	Sequence name
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

Function

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
function_name	string	false	none	Function name
function_type	string	false	none	Function type
return_type	string	false	none	Function return type
arg_types	[string]	false	none	Function argument types
function_binary	string	false	none	none
extension_name	string	false	none	none
package_name	string	false	none	Function package name
schema_name	string	false	none	Function schema
database_name	string	false	none	Function database name
server_id	integer	false	none	Function server id
recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

View

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
view_name	string	false	none	View name
view_type	string	false	none	View type
ispopulated	boolean	false	none	Is view populated
view_owner	string	false	none	View owner
definition	string	false	none	View definition
tablespace_name	string	false	none	View tablespace
schema_name	string	false	none	View schema
database_name	string	false	none	View database
server_id	integer	false	none	View server id
recorded_time	string	false	none	When view was first detected by PEM agent

6 EDB Postgres Enterprise Manager REST APIs v5.0

NOTE:

- EDB Postgres Enterprise Manager *is referred as* PEM *in this documentation.*
- PEM *uses self-certified SSL certificates, hence - you may get error like 'SSL certificate problem: self signed certificate'. You may need to use the 'insecure' connection to connect to the server.*

PEM exposes end-points (REST APIs) for the following operations:

- *Retrieval of the objects retrieved from the monitored server, and agents.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for probes.*
- *Retrieval of the statistics/metrics data (including the historical data) collected by different probes.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alerts.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for email group used by the alerts mechanism.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alert templates used by the alerts.*
- *Retrieval, and Update of the probe configuration.*
- *Copy the agents/servers/database/schema level probe configurations to other same level, or lower level objects.*
- *Copy the alert configuration of one object to other objects.*
- *Retrieval, and Update the PEM-server configurations.*

Base URLs:

- [/api/v5](#)

Email: [EnterpriseDB](#) Web: [EnterpriseDB](#) License: [Limited Use Software License Agreement](#)

Object

Object can be an pem-agent, a monitored server, or a database object (i.e. database, schema, table, index, sequence, function, view).

Retrieve of the pem-agent information

Code samples

`GET /agent/`

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Agent

This operation does not require authentication

Retrieve the information for the agent, identified by the agent_id.

Code samples

`GET /agent/{agent_id}`

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Agent

This operation does not require authentication

Update the agent information

Code samples

```
PUT /agent/{agent_id}
```

Body parameter

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Agent	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the agent by PEM.

Code samples

```
DELETE /agent/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieval of the managed server list

Code samples

```
GET /server/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "host": "string",
    "port": 0,
    "database": "string",
    "ssl": 0,
    "serviceid": "string",
    "active": true,
    "alert_blackout": true,
    "owner": 0,
    "team": "string",
    "server_owner": "string",
    "is_remote_monitoring": true,
    "efm_cluster_name": "string",
    "efm_service_name": "string",
    "efm_installation_path": "string",
    "comment": "string",
    "username": "string",
    "gid": 0,
    "db_restriction": "string",
    "role": "string",
    "is_edb": true,
    "agent_id": 0,
    "asb_host": "string",
    "asb_port": 0,
    "asb_username": "string",
    "asb_database": "string",
    "asb_sslmode": "string",
    "asb_password": "string",
    "asb_allowtakeover": "string",
    "agent_capability_list": [
      "string"
    ],
    "agent_description": "string",
    "fgcolor": "string",
    "bgcolor": "string",
    "sslcompression": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Server]	false	none	none
» id	integer	false	none	Server id
» name	string	false	none	Server name
» host	string	false	none	Server host
» port	integer	false	none	Server port
» database	string	false	none	Maintenance databse
» ssl	integer	false	none	SSL mode
» serviceid	string	false	none	Server service id
» active	boolean	false	none	Defines whether the server is active, or not.
» alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
» owner	integer	false	none	ID of the owner, who registered the server with PEM.
» team	string	false	none	Defines the role/username, who can see the server information.
» server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
» is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
» efm_cluster_name	string	false	none	Cluster name of EFM
» efm_service_name	string	false	none	Service name of EFM
» efm_installation_path	string	false	none	Installation Path of EFM
» comment	string	false	none	Description about the Server.
» username	string	false	none	Username for connecting the database server.
» gid	integer	false	none	ID of the Server group
» db_restriction	string	false	none	Database restriction SQL clause
» role	string	false	none	The role the connection will use
» is_edb	boolean	false	none	Is server an EDB Advanced Server?
» agent_id	integer	false	none	Agent id bound to the server
» asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
» asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
» asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
» asb_database	string	false	none	PEM database to which agent will connect.
» asb_sslmode	string	false	none	PEM database ssl mode.
» asb_password	string	false	none	empty string.
» asb_allow takeover	string	false	none	Whether server allowed to take over by another agent.
» agent_capability_list	[string]	false	none	Array of capabilities the agent has
» agent_description	string	false	none	Agent description
» fgcolor	string	false	none	Foreground color of server node in browser tree
» bgcolor	string	false	none	Background color of server node in browser tree

Name	Type	Required	Restrictions	Description
» sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

This operation does not require authentication

Add a new managed database server.

Code samples

```
POST /server/
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the information for the server, identified by the `server_id`.

Code samples

```
GET /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Created successfully	Server

This operation does not require authentication

Update the server information

Code samples

PUT /server/{server_id}

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the server by PEM.

Code samples

```
DELETE /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the list of properties of database(s) for a managed server.

Code samples

```
GET /server/{sid}/database/
```

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID

Example responses

200 Response

```
[
  {
    "database_name": "string",
    "connections_allowed": true,
    "system_database": true,
    "recorded_time": "2019-08-24T14:15:22Z",
    "encoding": "string",
    "server_id": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Database]	false	none	none
» database_name	string	false	none	Database name
» connections_allowed	boolean	false	none	Is connection to database allowed
» system_database	boolean	false	none	Is database system database
» recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
» encoding	string	false	none	Database encoding
» server_id	integer	false	none	Server id of database

This operation does not require authentication

Retrieve the properties of the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Database

This operation does not require authentication

Retrieve the list of properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Schema]	false	none	none
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name of schema
» server_id	integer	false	none	Server id schmea
» recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Schema

This operation does not require authentication

Retrieve the list of properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "has_primary_key": true,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Table]	false	none	none
» table_name	string	false	none	Table name
» schema_name	string	false	none	schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» has_primary_key	boolean	false	none	Weather table has primary key
» recorded_time	string	false	none	When table was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/{table_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
table_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Table

This operation does not require authentication

Retrieve the list of properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "index_name": "string",
    "ind_keys": [
      0
    ],
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Index]	false	none	none
» index_name	string	false	none	Index name
» ind_keys	[integer]	false	none	indexed column positions in table
» table_name	string	false	none	Table name
» schema_name	string	false	none	Schema
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string	false	none	When index was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/{index_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
index_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Index

This operation does not require authentication

Retrieve the list of properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "sequence_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Sequence]	false	none	none
» sequence_name	string	false	none	Sequence name
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/{sequence_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
sequence_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Sequence

This operation does not require authentication

Retrieve the list of properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "view_name": "string",
    "view_type": "string",
    "ispopulated": true,
    "view_owner": "string",
    "definition": "string",
    "tablespace_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[View]	false	none	none
» view_name	string	false	none	View name
» view_type	string	false	none	View type
» ispopulated	boolean	false	none	Is view populated
» view_owner	string	false	none	View owner
» definition	string	false	none	View definition
» tablespace_name	string	false	none	View tablespace
» schema_name	string	false	none	View schema
» database_name	string	false	none	View database
» server_id	integer	false	none	View server id
» recorded_time	string	false	none	When view was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/{view_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
view_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	View

This operation does not require authentication

Retrieve the list of properties of functions resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "function_name": "string",
    "function_type": "string",
    "return_type": "string",
    "arg_types": [
      "string"
    ],
    "function_binary": "string",
    "extension_name": "string",
    "package_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Function]	false	none	none
» function_name	string	false	none	Function name
» function_type	string	false	none	Function type
» return_type	string	false	none	Function return type
» arg_types	[string]	false	none	Function argument types
» function_binary	string	false	none	none
» extension_name	string	false	none	none
» package_name	string	false	none	Function package name
» schema_name	string	false	none	Function schema
» database_name	string	false	none	Function database name
» server_id	integer	false	none	Function server id
» recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of function resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/{function_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
function_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Function

This operation does not require authentication

Monitored Object Status

Retrieve of the status of all the visible pem-agent

Code samples

GET /agent/status/

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "group_id": 0,
    "group_name": "string",
    "blackout": true,
    "status": "UP",
    "alerts": {
      "total": 0,
      "acknowledged": 0,
      "high": 0,
      "medium": 0,
      "low": 0,
      "high_acknowledged": 0,
      "medium_acknowledged": 0,
      "low_acknowledged": 0
    },
    "version": "string",
    "processes": 0,
    "threads": 0,
    "cpu_utilization": 0,
    "memory_utilization": 0,
    "swap_utilization": 0,
    "disk_utilization": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AgentStatus]	false	none	none
» id	integer	false	none	Agent ID
» name	string	false	none	Agent name
» group_id	integer	false	none	Group ID under which Agent is visible to the user
» group_name	string	false	none	Group name
» blackout	boolean	false	none	Enabled/Disabled alert blackout for the agent
» status	string	false	none	Agent status can be UP, DOWN, or UNKNOWN
» alerts	object	false	none	List of alert configured for the agent and it's status and how many are acknowledged
»» total	integer	false	none	Number of alerts configured for the agent
»» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
»» high	integer	false	none	Number of alerts with state as 'High'
»» medium	integer	false	none	Number of alerts with state as 'Medium'
»» low	integer	false	none	Number of alerts with state as 'Low'
»» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
»» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
»» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
» version	string	false	none	Current version of the agent
» processes	integer	false	none	Number of processes running
» threads	integer	false	none	Number of threads for all the running processes
» cpu_utilization	number	false	none	CPU utilization (Percentage)
» memory_utilization	number	false	none	Memory utilization (Percentage)
» swap_utilization	number	false	none	Swap memory utilization (Percentage)
» disk_utilization	number	false	none	Overall disk utilization (Percentage)

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN

This operation does not require authentication

Retrieve of the status of the pem-agent, identified by the agent_id.

Code samples

```
GET /agent/status/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "processes": 0,
  "threads": 0,
  "cpu_utilization": 0,
  "memory_utilization": 0,
  "swap_utilization": 0,
  "disk_utilization": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AgentStatus
400	Bad Request	Agent not found or visible to the user	None

Response Schema

This operation does not require authentication

Retrieve of the status of all the visible database server

Code samples

```
GET /server/status/
```

It returns the list of the information, and status for the database servers visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "group_id": 0,
    "group_name": "string",
    "blackout": true,
    "status": "UP",
    "alerts": {
      "total": 0,
      "acknowledged": 0,
      "high": 0,
      "medium": 0,
      "low": 0,
      "high_acknowledged": 0,
      "medium_acknowledged": 0,
      "low_acknowledged": 0
    },
    "version": "string",
    "number_connections": 0,
    "remote_monitoring": true,
    "agent_id": 0,
    "sessions": {
      "last_recorded_time": 0,
      "sessions": [
        {
          "database_name": "string",
          "procpid": 0,
          "username": "string",
          "backend_start": 0,
          "xact_start": 0,
          "query_start": 0,
          "is_waiting": true,
          "is_idle": true,
          "is_idle_in_transaction": true,
          "is_vacuum": true,
          "is_autovacuum": true,
          "client_addr": "string",
          "client_port": 0,
          "memory_usage_mb": 0,
          "swap_usage_mb": 0,
          "cpu_usage": 0,
          "io_read_bytes": 0,
          "io_write_bytes": 0,
          "state": "string",
          "state_change": 0
        }
      ]
    }
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the database servers.	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[ServerStatus]	false	none	none
» id	integer	false	none	Server ID
» name	string	false	none	Server name
» group_id	integer	false	none	Group ID under which database server is visible to the user
» group_name	string	false	none	Group name
» blackout	boolean	false	none	Status of the alert blackout for the database server
» status	string	false	none	Server status can be UP, DOWN, UNKNOWN, or UNMANAGED,
» alerts	object	false	none	List of alert configured for the database server and it's status and how many are acknowledged
»» total	integer	false	none	Number of alerts configured for the database server
»» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
»» high	integer	false	none	Number of alerts with state as 'High'
»» medium	integer	false	none	Number of alerts with state as 'Medium'
»» low	integer	false	none	Number of alerts with state as 'Low'
»» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
»» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
»» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
» version	string	false	none	Current version of the database server
» number_connections	integer	false	none	Number of connections on the database servers
» remote_monitoring	boolean	false	none	Whether the database server is being monitored remotely by the pemAgent
» agent_id	integer	false	none	Agent ID, which is monitoring the database server
» sessions	object	false	none	All the session information for the daabase servers
»» last_recorded_time	number	false	none	Unix time representing the last session information recorded time
»» sessions	[object]	false	none	List of all the session information for the database server
»»» database_name	string	false	none	Database name
»»» procpid	integer	false	none	Process ID
»»» username	string	false	none	User name

Name	Type	Required	Restrictions	Description
»»»» backend_start	number	false	none	Unix time representing the session start time
»»»» xact_start	number	false	none	Unix time representing the transaction start time
»»»» query_start	number	false	none	Unix time representing the query start time (if any running)
»»»» is_waiting	boolean	false	none	Is the session waiting?
»»»» is_idle	boolean	false	none	Is the session idle?
»»»» is_idle_in_transaction	boolean	false	none	Is the session idle in a transaction?
»»»» is_vacuum	boolean	false	none	Is this a VACUUM session?
»»»» is_autovacuum	boolean	false	none	Is this a AUTO VACUUM session?
»»»» client_addr	string	false	none	Host address for the client of the session
»»»» client_port	integer	false	none	Client port for the session
»»»» memory_usage_mb	number	false	none	Memory usage (in MB) of the session (available only when monitored locally)
»»»» swap_usage_mb	number	false	none	Swap memory usage (in MB) of the session (available only when monitored locally)
»»»» cpu_usage	number	false	none	CPU Usage (in percentage) of the session (available only when monitored locally)
»»»» io_read_bytes	number	false	none	I/O Read (in bytes) of the session (available only when monitored locally)
»»»» io_write_bytes	number	false	none	I/O Write (in bytes) of the session (available only when monitored locally)
»»»» state	string	false	none	Current state of the session (idle, active, idle in transaction, etc)
»»»» state_change	number	false	none	Unix time representing the last state change time of the session

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN
status	UNMANAGED

This operation does not require authentication

Retrieve of the status of the database server, identified by the `server_id`.

Code samples

```
GET /server/status/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "number_connections": 0,
  "remote_monitoring": true,
  "agent_id": 0,
  "sessions": {
    "last_recorded_time": 0,
    "sessions": [
      {
        "database_name": "string",
        "procpid": 0,
        "username": "string",
        "backend_start": 0,
        "xact_start": 0,
        "query_start": 0,
        "is_waiting": true,
        "is_idle": true,
        "is_idle_in_transaction": true,
        "is_vacuum": true,
        "is_autovacuum": true,
        "client_addr": "string",
        "client_port": 0,
        "memory_usage_mb": 0,
        "swap_usage_mb": 0,
        "cpu_usage": 0,
        "io_read_bytes": 0,
        "io_write_bytes": 0,
        "state": "string",
        "state_change": 0
      }
    ]
  }
}

```

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful response	ServerStatus
400	Bad Request	server not found or visible to the user	None

Response Schema

This operation does not require authentication

Alerts History

get__alert_history__

Code samples

```
GET /alert/history/
```

Gets the state change history of all the alerts.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_agent_{agent_id}

Code samples

```
GET /alert/history/agent/{agent_id}
```

Gets the state change history of all the alerts for the agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Valid Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_server_{server_id}

Code samples

```
GET /alert/history/server/{server_id}
```

Gets the state change history of all the alerts for the database server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Valid Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_server_{server_id}database{database_name}

Code samples

```
GET /alert/history/server/{server_id}/database/{database_name}
```

Gets the state change history of all the alerts for the database of the databae server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Valid Server ID
database_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

Alert Status

get__alert_status_

Code samples

```
GET /alert/status/
```

Gets the current status of all the alerts.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_since": "string",
    "alert_id": 0,
    "alert_name": "string",
    "alert_state": "High",
    "value": "string",
    "object_description": "string",
    "server_id": 0,
    "agent_id": 0,
    "database": "string",
    "schema": "string",
    "package": "string",
    "object": "string",
    "alert_target_level": "Global",
    "last_processed": "string",
    "info": "string",
    "info_cols": [
      "string"
    ],
    "info_vals": [
      [
        "string"
      ]
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertStatus]	false	none	none
» alert_since	string	false	none	Unix Time at which alert state has last changed.
» alert_id	integer	false	none	Alert internal identification number
» alert_name	string	false	none	Name of the alert.
» alert_state	string	false	none	Current state of the alert. 'null' value suggested alert threshold values has not been violated for the alert at the moments.
» value	string	false	none	Current value of the alert
» object_description	string	false	none	Monitoring object description/name
» server_id	integer	false	none	null or ID of the server
» agent_id	integer	false	none	null or ID of the agent
» database	string	false	none	null or name of the database
» schema	string	false	none	null or name of the schema/namespace
» package	string	false	none	null or name of the EDB package
» object	string	false	none	null or name of any other type of object
» alert_target_level	string	false	none	Alert target level
» last_processed	string	false	none	String representing unix time at which the alert has been processed
» info	string	false	none	Some information at the time of alert generated
» info_cols	[string]	false	none	Array of column names for the information
» info_vals	[array]	false	none	Detailed information associated with the alert in the form of table (array of array)

Enumerated Values

Property	Value
alert_state	High
alert_state	Medium
alert_state	Low
alert_target_level	Global
alert_target_level	Agent
alert_target_level	Server
alert_target_level	Database
alert_target_level	Schema
alert_target_level	Table
alert_target_level	Index
alert_target_level	Sequence
alert_target_level	Function

Property	Value
alert_target_level	View

This operation does not require authentication

get__alert_status_{since}

Code samples

```
GET /alert/status/{since}
```

Gets the list of alerts state changes after the given time

Parameters

Name	In	Type	Required	Description
since	path	number	true	Unix timeline
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "alert_since": "string",
  "alert_id": 0,
  "alert_name": "string",
  "alert_state": "High",
  "value": "string",
  "object_description": "string",
  "server_id": 0,
  "agent_id": 0,
  "database": "string",
  "schema": "string",
  "package": "string",
  "object": "string",
  "alert_target_level": "Global",
  "last_processed": "string",
  "info": "string",
  "info_cols": [
    "string"
  ],
  "info_vals": [
    [
      "string"
    ]
  ]
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertStatus

This operation does not require authentication

Alerts

get__alert_config_global_

Code samples

```
GET /alert/config/global/
```

Gets **Alerts** for global level.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post_alert_config_global_

Code samples

```
POST /alert/config/global/
```

Create **Alert** for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_global_{id}

Code samples

```
GET /alert/config/global/{id}
```

Gets [Alerts](#) for global level by alert_id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_global_{id}

Code samples

```
PUT /alert/config/global/{id}
```

Update `Alert` for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_global_{id}

Code samples

```
DELETE /alert/config/global/{id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}

Code samples

```
GET /alert/config/agent/{agent_id}
```

Gets **Alerts** for agent level by agent_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_agent_{agent_id}

Code samples

```
POST /alert/config/agent/{agent_id}
```

Create **Alert** for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
GET /alert/config/agent/{agent_id}/{alert_id}
```

Gets [Alerts](#) for agent level by agent_id and alert_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
PUT /alert/config/agent/{agent_id}/{alert_id}
```

Update `Alert` for agent level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
DELETE /alert/config/agent/{agent_id}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}

Code samples

```
GET /alert/config/server/{server_id}
```

Gets Alerts for server level by server_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}

Code samples

```
POST /alert/config/server/{server_id}
```

Create **Alert** for server level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}_{alert_id}

Code samples

```
GET /alert/config/server/{server_id}/{alert_id}
```

Gets Alerts for server level by server_id and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_server_{server_id}_{alert_id}

Code samples

```
PUT /alert/config/server/{server_id}/{alert_id}
```

Update `Alert` for server level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_server_{server_id}_{alert_id}

Code samples

```
DELETE /alert/config/server/{server_id}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}
```

Gets Alerts for database level by server_id and database_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}
```

Create **Alert** for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Gets [Alerts](#) for database level by server_id, database_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Update `Alert` for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
DELETE /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Gets **Alerts** for schema level by server_id, database_name and schema_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Create **Alert** for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Gets [Alerts](#) for schema level by server_id, database_name, schema_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert
```

Update `Alert` for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}

Code samples

```
DELETE
```

```
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Delete the **Alert** object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets Alerts for table level by server_id, database_name, schema_name and table_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Create **Alert** for table level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets [Alerts](#) for table level by server_id, database_name, schema_name, table_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_n`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Update `Alert` for table level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name and index_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]

```


Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Create `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets [Alerts](#) for index level by server_id, database_name, schema_name, index_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_r`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Update `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets Alerts for sequence level by server_id, database_name, schema_name and sequence_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{se

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Create **Alert** for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets [Alerts](#) for sequence level by server_id, database_name, schema_name, sequence_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Update `Alert` for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name and view_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Create `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets [Alerts](#) for view level by server_id, database_name, schema_name, view_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Update `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Gets Alerts for function level by server_id, database_name, schema_name and function_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Create **Alert** for function level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets [Alerts](#) for function level by server_id, database_name, schema_name, function_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Update `Alert` for function level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fu`

Code samples

DELETE

`/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi`

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Copy Alert

post__alert_copy_agent_{agent_id}

Code samples

```
POST /alert/copy/agent/{agent_id}
```

Copy agent level alert to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}

Code samples

```
POST /alert/copy/server/{server_id}
```

Copy server level alert to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}
```

Copy database level alert to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy schema level alert to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertSchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Copy table level alert to another table

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertTableData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Copy index level alert to another index

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertIndexData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}function{funct`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Copy function level alert to another function

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertFunctionData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Copy sequence level alert to another sequence

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertSequenceData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Alert template

get__alert_template_

Code samples

```
GET /alert/template/
```

Gets Alert templates.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "description": "string",
    "default_history_retention": 0,
    "object_type": 0,
    "sql": "string",
    "applicable_on_server": "ALL",
    "default_check_frequency": 0,
    "threshold_unit": "string",
    "is_system_template": true,
    "is_auto_create": true,
    "thresholds": [
      0
    ],
    "operator": ">",
    "high_threshold_value": "string",
    "medium_threshold_value": "string",
    "low_threshold_value": "string",
    "info_sql": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertTemplate]	false	none	none
» id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
» default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
» object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
» sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
» default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
» threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
» is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
» is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
» thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
» operator	string	false	none	Operator to compare threshold values.
» high_threshold_value	string	false	none	High threshold value.
» medium_threshold_value	string	false	none	Medium threshold value.
» low_threshold_value	string	false	none	Low threshold value.
» info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

This operation does not require authentication

post__alert_template_

Code samples

POST /alert/template/

Create Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_template_{id}

Code samples

```
GET /alert/template/{id}
```

Gets Alert template identified by the id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertTemplate

This operation does not require authentication

put__alert_template_{id}

Code samples

```
PUT /alert/template/{id}
```

Update Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_template_{id}

Code samples

```
DELETE /alert/template/{id}
```

Delete the Alert template.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Custom Probe

get__probe_

Code samples

```
GET /probe/
```

Get all the custom/system probes.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "enabled": true,
    "target_type": 0,
    "internal_name": "string",
    "is_system_probe": true,
    "any_server_version": true,
    "collection_method": "w",
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_id": 0,
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_internal_name": "string",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_position": 0,
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomProbes]	false	none	none
» probe_id	integer	false	none	Identifier for a probe.

Name	Type	Required	Restrictions	Description
» probe_name	string	false	none	Name of the probe.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default. Defines the type of the object on which the probe is applicable to. <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type	integer	false	none	
» internal_name	string	false	none	Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.
» is_system_probe	boolean	false	none	Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.
» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.

Name	Type	Required	Restrictions	Description
» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
» probe_columns	[object]	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestampz
»» pc_data_type	string	false	none	
»» pc_internal_name	string	false	none	Returns the internal name of the column.
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»» pc_position	integer	false	none	Returns the position of the column in the internal table.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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10905	PostgreSQL 9.5																													
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21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
»» server_version_id	integer	false	none																											
»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision

Property	Value
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestamptz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

post__probe_

Code samples

`POST /probe/`

Create new custom probe

Body parameter

```

{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_{probe_id}

Code samples

```
GET /probe/{probe_id}
```

Get probe information for specified probe id.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	CustomProbes

This operation does not require authentication

put__probe_{probe_id}

Code samples

```
PUT /probe/{probe_id}
```

Update custom/system probe information for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__probe_{probe_id}

Code samples

```
DELETE /probe/{probe_id}
```

Delete the custom probe.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Probe Configuration

get__probe_config_server_{server_id}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/{probe_id}
```

Get server level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}_{probe_id}

Code samples

```
PUT /probe/config/server/{server_id}/{probe_id}
```

Update server level probe configuration for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Get all the schema level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe
```

Get schema level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
PUT
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Update schema level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get all the table level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get table level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get all the index level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get index level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get all the sequence level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get sequence level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get all the function level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get function level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get all the view level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get view level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_agent_{agent_id}

Code samples

```
GET /probe/config/agent/{agent_id}
```

Get all the agent level probes.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}

Code samples

```
GET /probe/config/server/{server_id}
```

Get all the server level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}
```

Get all the database level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.

Name	Type	Required	Restrictions	Description
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Get database level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`put__probe_config_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
PUT /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Update database level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Copy Probe

post__probe_copy_agent_{agent_id}

Code samples

```
POST /probe/copy/agent/{agent_id}
```

Copy Agent level probe to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}

Code samples

```
POST /probe/copy/server/{server_id}
```

Copy Server level probe to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}

Copy Database level probe to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}/schema/{schema_name}

Copy Schame level probe to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopySchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Probe data

get__probe_data_agent_{agent_id}_{probe_id}

Code samples

```
GET /probe/data/agent/{agent_id}/{probe_id}
```

Gets [Probe data](#) for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_data_server_{server_id}_{probe_id}

Code samples

```
GET /probe/data/server/{server_id}/{probe_id}
```

Gets **Probe data** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/{probe_id}
```

Gets **Probe data** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Gets **Probe data** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}table{table_na`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{t
```

Gets **Probe data** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Gets **Probe data** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}sequence{sequ`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Gets **Probe data** for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Gets **Probe data** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

GET
`/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/function`

Gets **Probe data** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Probe history

`get__probe_history_agent_{agent_id}from{start_time}to{end_time}_{probe_id}`

Code samples

`GET /probe/history/agent/{agent_id}/from/{start_time}/to/{end_time}/{probe_id}`

Gets **Probe history** for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/server/{server_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}from{start_time}to{end_time}_{prol`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/from/{start_time}/to/{end_
```

Gets **Probe history** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}from{start_t`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/from/
```

Gets **Probe history** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/table
```

Gets **Probe history** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/index
```

Gets **Probe history** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/seque
```

Gets **Probe history** for sequence.

Parameters

Name	In	Type	Required	Description
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Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/view/
```

Gets **Probe history** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name

Name	In	Type	Required	Description
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_history_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Gets **Probe history** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Webhook

Retrieval of the webhook list

Code samples

```
GET /webhook/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "url": "string",
    "enabled": true,
    "method": "string",
    "http_headers": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "payload_template": "string",
    "low_alert": true,
    "med_alert": true,
    "high_alert": true,
    "cleared_alert": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Webhook]	false	none	none
» id	integer	false	none	Webhook id
» name	string	false	none	Webhook name
» url	string	false	none	Webhook url
» enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
» method	string	false	none	Request method
» http_headers	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
»» http_header_id	integer	false	none	ID of the http header
»» http_header_key	string	false	none	Name of the http header key
»» http_header_value	string	false	none	Name of the http header key
» payload_template	string	false	none	Payload template

Name	Type	Required	Restrictions	Description
» low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
» med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
» high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
» cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

This operation does not require authentication

Add a new webhook.

Code samples

POST /webhook/

Body parameter

```
{
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	WebhookPostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook created successfully.	None

Response Schema

This operation does not require authentication

Retrieve the information for the webhook, identified by the `webhook_id`.

Code samples

```
GET /webhook/{webhook_id}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_id": 0,
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Webhook

Status	Meaning	Description	Schema
--------	---------	-------------	--------

This operation does not require authentication

Update the webhook information

Code samples

```
PUT /webhook/{webhook_id}
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": {
    "added": [
      {
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "changed": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "deleted": [
      {
        "http_header_id": 0
      }
    ]
  },
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	WebhookPutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook updated successfully.	None

Response Schema

This operation does not require authentication

Delete the webhook.

Code samples

```
DELETE /webhook/{webhook_id}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook deleted successfully.	None

Response Schema

This operation does not require authentication

Email Groups

Retrieval of the email groups list

Code samples

```
GET /email/groups
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "oid": 0,
    "gid": 0,
    "name": "string",
    "to_addr": "string",
    "cc_addr": "string",
    "bcc_addr": "string",
    "from_addr": "string",
    "reply_to_addr": "string",
    "subject_prefix": "string",
    "from_time": "string",
    "to_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[EmailGroups]	false	none	none
» id	integer	false	none	Email group id
» oid	integer	false	none	Email group options id
» gid	integer	false	none	Email group id

Name	Type	Required	Restrictions	Description
» name	string	false	none	Email group name
» to_addr	string	false	none	Email group options receiver address
» cc_addr	string	false	none	Email group options CC address
» bcc_addr	string	false	none	Email group options BCC address
» from_addr	string	false	none	Email group options sender address
» reply_to_addr	string	false	none	Email group options reply to address
» subject_prefix	string	false	none	Email group options subject prefix
» from_time	string	false	none	Email group options from time to select time range for members
» to_time	string	false	none	Email group options to time to select time range for members

This operation does not require authentication

Add a new email group.

Code samples

POST /email/groups

Body parameter

```
{
  "name": "string",
  "options": [
    {
      "to_addr": "string",
      "cc_addr": "string",
      "bcc_addr": "string",
      "from_addr": "string",
      "reply_to_addr": "string",
      "subject_prefix": "string",
      "from_time": "string",
      "to_time": "string"
    }
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	EmailGroupsPostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group created successfully.	None

Response Schema

This operation does not require authentication

Retrieve the information for the email group, identified by the `email_group_id`.

Code samples

```
GET /email/groups/{email_group_id}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "oid": 0,
  "gid": 0,
  "name": "string",
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	EmailGroups

This operation does not require authentication

Update the email group information

Code samples

```
PUT /email/groups/{email_group_id}
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "options": {
    "added": [
      {
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "changed": [
      {
        "oid": 0,
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "deleted": [
      {
        "oid": 0
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	EmailGroupsPutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group updated successfully.	None

Response Schema

This operation does not require authentication

Delete the email group.

Code samples

```
DELETE /email/groups/{email_group_id}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group deleted successfully.	None

Response Schema

This operation does not require authentication

Schemas

AlertPayload

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.

Name	Type	Required	Restrictions	Description
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.
override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.

Name	Type	Required	Restrictions	Description
send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
low_webhook_ids	[integer]	false	none	Defines webhook ids for which low alerts to be configured.
med_webhook_ids	[integer]	false	none	Defines webhook ids for which medium alerts to be configured.
high_webhook_ids	[integer]	false	none	Defines webhook ids for which high alerts to be configured.
cleared_webhook_ids	[integer]	false	none	Defines webhook ids for which cleared alerts to be configured.

Alert


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

Name	Type	Required	Restrictions	Description
override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

AlertParams

```
{
  "paramname": "string",
  "paramvalue": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
paramvalue	string	false	none	Value for the given parameter

AlternateServerProbeCode

```
{
  "server_version_id": 0,
  "server_probe_code": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											
server_probe_code	string	false	none	SQL query to run on the specified server version																										

DeletedAlternateServerProbeCode

```
{
  "server_version_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description																										
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21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											

AlertTemplate

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.

Name	Type	Required	Restrictions	Description
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.

Name	Type	Required	Restrictions	Description
thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
operator	string	false	none	Operator to compare threshold values.
high_threshold_value	string	false	none	High threshold value.
medium_threshold_value	string	false	none	Medium threshold value.
low_threshold_value	string	false	none	Low threshold value.
info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

AlertHistory

```
{
  "alert_id": 0,
  "state": "High",
  "value": "string",
  "actual_value": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_id	integer	false	none	Alert ID
state	string	false	none	State
value	string	false	none	User presentable value
actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

ServerStatus


```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "number_connections": 0,
  "remote_monitoring": true,
  "agent_id": 0,
  "sessions": {
    "last_recorded_time": 0,
    "sessions": [
      {
        "database_name": "string",
        "procpid": 0,
        "username": "string",
        "backend_start": 0,
        "xact_start": 0,
        "query_start": 0,
        "is_waiting": true,
        "is_idle": true,
        "is_idle_in_transaction": true,
        "is_vacuum": true,
        "is_autovacuum": true,
        "client_addr": "string",
        "client_port": 0,
        "memory_usage_mb": 0,
        "swap_usage_mb": 0,
        "cpu_usage": 0,
        "io_read_bytes": 0,
        "io_write_bytes": 0,
        "state": "string",
        "state_change": 0
      }
    ]
  }
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server ID

Name	Type	Required	Restrictions	Description
name	string	false	none	Server name
group_id	integer	false	none	Group ID under which database server is visible to the user
group_name	string	false	none	Group name
blackout	boolean	false	none	Status of the alert blackout for the database server
status	string	false	none	Server status can be UP, DOWN, UNKNOWN, or UNMANAGED,
alerts	object	false	none	List of alert configured for the database server and it's status and how many are acknowledged
» total	integer	false	none	Number of alerts configured for the database server
» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
» high	integer	false	none	Number of alerts with state as 'High'
» medium	integer	false	none	Number of alerts with state as 'Medium'
» low	integer	false	none	Number of alerts with state as 'Low'
» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
version	string	false	none	Current version of the database server
number_connections	integer	false	none	Number of connections on the database servers
remote_monitoring	boolean	false	none	Whether the database server is being monitored remotely by the pemAgent
agent_id	integer	false	none	Agent ID, which is monitoring the database server
sessions	object	false	none	All the session information for the daabase servers
» last_recorded_time	number	false	none	Unix time representing the last session information recorded time
» sessions	[object]	false	none	List of all the session information for the database server
»» database_name	string	false	none	Database name
»» procpid	integer	false	none	Process ID
»» username	string	false	none	User name
»» backend_start	number	false	none	Unix time representing the session start time
»» xact_start	number	false	none	Unix time representing the transaction start time
»» query_start	number	false	none	Unix time representing the query start time (if any running)
»» is_waiting	boolean	false	none	Is the sesion waiting?
»» is_idle	boolean	false	none	Is the session idle?
»» is_idle_in_transaction	boolean	false	none	Is the session idle in a transaction?
»» is_vacuum	boolean	false	none	Is this a VACUUM session?
»» is_autovacuum	boolean	false	none	Is this a AUTO VACUUM session?
»» client_addr	string	false	none	Host address for the client of the session
»» client_port	integer	false	none	Client port for the session

Name	Type	Required	Restrictions	Description
»» memory_usage_mb	number	false	none	Memory usage (in MB) of the session (available only when monitored locally)
»» swap_usage_mb	number	false	none	Swap memory usage (in MB) of the session (available only when monitored locally)
»» cpu_usage	number	false	none	CPU Usage (in percentage) of the session (available only when monitored locally)
»» io_read_bytes	number	false	none	I/O Read (in bytes) of the session (available only when monitored locally)
»» io_write_bytes	number	false	none	I/O Write (in bytes) of the session (available only when monitored locally)
»» state	string	false	none	Current state of the session (idle, active, idle in transaction, etc)
»» state_change	number	false	none	Unix time representing the last state change time of the session

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN
status	UNMANAGED

AgentStatus

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "processes": 0,
  "threads": 0,
  "cpu_utilization": 0,
  "memory_utilization": 0,
  "swap_utilization": 0,
  "disk_utilization": 0
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Agent ID
name	string	false	none	Agent name
group_id	integer	false	none	Group ID under which Agent is visible to the user
group_name	string	false	none	Group name
blackout	boolean	false	none	Enabled/Disabled alert blackout for the agent
status	string	false	none	Agent status can be UP, DOWN, or UNKNOWN
alerts	object	false	none	List of alert configured for the agent and it's status and how many are acknowledged
» total	integer	false	none	Number of alerts configured for the agent
» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
» high	integer	false	none	Number of alerts with state as 'High'
» medium	integer	false	none	Number of alerts with state as 'Medium'
» low	integer	false	none	Number of alerts with state as 'Low'
» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
version	string	false	none	Current version of the agent
processes	integer	false	none	Number of processes running

Name	Type	Required	Restrictions	Description
threads	integer	false	none	Number of threads for all the running processes
cpu_utilization	number	false	none	CPU utilization (Percentage)
memory_utilization	number	false	none	Memory utilization (Percentage)
swap_utilization	number	false	none	Swap memory utilization (Percentage)
disk_utilization	number	false	none	Overall disk utilization (Percentage)

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN

AlertStatus

```
{
  "alert_since": "string",
  "alert_id": 0,
  "alert_name": "string",
  "alert_state": "High",
  "value": "string",
  "object_description": "string",
  "server_id": 0,
  "agent_id": 0,
  "database": "string",
  "schema": "string",
  "package": "string",
  "object": "string",
  "alert_target_level": "Global",
  "last_processed": "string",
  "info": "string",
  "info_cols": [
    "string"
  ],
  "info_vals": [
    [
      "string"
    ]
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_since	string	false	none	Unix Time at which alert state has last changed.
alert_id	integer	false	none	Alert internal identification number
alert_name	string	false	none	Name of the alert.

Name	Type	Required	Restrictions	Description
alert_state	string	false	none	Current state of the alert. 'null' value suggested alert threshold values has not been violated for the alert at the moments.
value	string	false	none	Current value of the alert
object_description	string	false	none	Monitoring object description/name
server_id	integer	false	none	null or ID of the server
agent_id	integer	false	none	null or ID of the agent
database	string	false	none	null or name of the database
schema	string	false	none	null or name of the schema/namespace
package	string	false	none	null or name of the EDB package
object	string	false	none	null or name of any other type of object
alert_target_level	string	false	none	Alert target level
last_processed	string	false	none	String representing unix time at which the alert has been processed
info	string	false	none	Some information at the time of alert generated
info_cols	[string]	false	none	Array of column names for the information
info_vals	[array]	false	none	Detailed information associated with the alert in the form of table (array of array)

Enumerated Values

Property	Value
alert_state	High
alert_state	Medium
alert_state	Low
alert_target_level	Global
alert_target_level	Agent
alert_target_level	Server
alert_target_level	Database
alert_target_level	Schema
alert_target_level	Table
alert_target_level	Index
alert_target_level	Sequence
alert_target_level	Function
alert_target_level	View

CustomProbes

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Identifier for a probe.
probe_name	string	false	none	Name of the probe.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
internal_name	string	false	none	<p>Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.</p>
is_system_probe	boolean	false	none	<p>Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.</p>
any_server_version	boolean	false	none	<p>Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.</p>

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_id	integer	false	none	Identifier of the column
» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
» pc_data_type	string	false	none	numeric
				real
				text
				text[]
				timestamp
				timestampz
» pc_internal_name	string	false	none	Returns the internal name of the column.
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_position	integer	false	none	Returns the position of the column in the internal table.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePostData

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
probe_name	string	false	none	Name of the probe.
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none

Name	Type	Required	Restrictions	Description
» pc_name	string	false	none	Name of the column
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
» pc_data_type	string	false	none	numeric
				real
				text
				text[]
				timestamp
				timestamptz
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal

Property	Value
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePutData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	object	false	none	none
» changed	object	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
alternate_code	object	false	none	none
» changed	[AlternateServerProbeCode]	false	none	List of the changed alternate probe code for some server version.
» deleted	[DeletedAlternateServerProbeCode]	false	none	List of the delete alternate probe code for some server versions.
» added	[AlternateServerProbeCode]	false	none	List of the alternate probe code added for some server versions.

Probes

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```


Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Unique id of the probe.
probe_name	string	false	none	Name of the probe.
default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
default_lifetime	integer	false	none	Defines the default history data retention time (in days).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

ProbeConfigData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Probe execution frequency (in minutes). Allowed interval value (in minutes) is 0-2880 minutes. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
interval_sec	integer	false	none	Probe execution frequency (in seconds). Allowed interval value (in seconds) is 0-59 seconds. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
lifetime	integer	false	none	Probe history data retention period (in days). i.e. $1 \geq \text{lifetime} \geq 365$.
enabled	boolean	false	none	Enable/Disable probe for the given object.

CopyAgentData

```
{
  "type": "string",
  "agent_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

CopyServerData

```
{
  "type": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none

CopyDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none

CopySchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none

CopyAlertAgentData

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

Name	Type	Required	Restrictions	Description
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertServerData

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertTableData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "table"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
table_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertIndexData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "index"

Name	Type	Required	Restrictions	Description
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
index_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertFunctionData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "function"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
function_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSequenceData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "sequence"
server_id	integer	false	none	none

Name	Type	Required	Restrictions	Description
database_name	string	false	none	none
schema_name	string	false	none	none
sequence_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

Agent

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Returns the list of the objects, which contains the agent information, version, capabilities, and details about the host on which it has been installed.

For example:

\

```
[{
  /* Agent information */
  "id": 1,
  "gid": 0,
  "name": "Postgres Enterprise Manager Host"
  "version": "6.0.1",
  "active": True,
  "heartbeat_int": 30,
  "alert_blackout": False,
  "owner": "postgres",
  "team": None,

  /* Deatils about the Host, on which it is installed */
  "operating_sys": "Ubuntu 12.04.5 LTS",
  "host_name": "akshay-ubuntu",

  "boot_time": "2016-09-19 12:28:27+05:30",
  "domain_name": "(none)",
  "window_domain": None,

  /* Agent capabilities */
  "capability_list": "unix, getloadavg, disk_space, memory_usage, cpu_usage, network_
os_statistics, os_info, slony_replication, auto_discover_servers, allow_server_restar

  /* Monitored servers */
```

```
"server_bind": "Postgres Enterprise Manager Server, PostgreSQL 9.3, PostgreSQL 9.4"
}]
```

a

Properties

Name	Type	Required	Restrictions	Description
id	integer	true	none	Identity of the pem-agent
name	string	true	none	Description (name) of the agent.
version	string	true	none	Version of the pem-agent
active	boolean	true	none	Whether the agent is active, or not. An active agent is responsible for collecting the statistics for the host, and the monitored server..
heartbeat_int	integer	true	none	heartbeat interval (in seconds) for the agent. How frequently the agent will send the heartbeat status to the PEM database server about itself, and the monitoring database server.
alert_blackout	boolean	true	none	Flag to indicates about the alert blacked out for the agent
owner	string	true	none	Username, using whom the agent was installed, is called owner.
team	string	true	none	Name of the role/user, who can see this agent. null/empty value suggest, all user can see this agent.
group	integer	false	none	Identity of the group

Server


```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server id
name	string	false	none	Server name
host	string	false	none	Server host
port	integer	false	none	Server port
database	string	false	none	Maintenance databse
ssl	integer	false	none	SSL mode
serviceid	string	false	none	Server service id
active	boolean	false	none	Defines whether the server is active, or not.

Name	Type	Required	Restrictions	Description
alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
owner	integer	false	none	ID of the owner, who registered the server with PEM.
team	string	false	none	Defines the role/username, who can see the server information.
server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
efm_cluster_name	string	false	none	Cluster name of EFM
efm_service_name	string	false	none	Service name of EFM
efm_installation_path	string	false	none	Installation Path of EFM
comment	string	false	none	Description about the Server.
username	string	false	none	Username for connecting the database server.
gid	integer	false	none	ID of the Server group
db_restriction	string	false	none	Database restriction SQL clause
role	string	false	none	The role the connection will use
is_edb	boolean	false	none	Is server an EDB Advanced Server?
agent_id	integer	false	none	Agent id bound to the server
asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
asb_database	string	false	none	PEM database to which agent will connect.
asb_sslmode	string	false	none	PEM database ssl mode.
asb_password	string	false	none	empty string.
asb_allow takeover	string	false	none	Whether server allowed to take over by another agent.
agent_capability_list	[string]	false	none	Array of capabilities the agent has
agent_description	string	false	none	Agent description
fgcolor	string	false	none	Foreground color of server node in browser tree
bgcolor	string	false	none	Background color of server node in browser tree
sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

Database

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
database_name	string	false	none	Database name
connections_allowed	boolean	false	none	Is connection to database allowed
system_database	boolean	false	none	Is database system database
recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
encoding	string	false	none	Database encoding
server_id	integer	false	none	Server id of database

Schema

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name of schema
server_id	integer	false	none	Server id schmea
recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

Table

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
table_name	string	false	none	Table name
schema_name	string	false	none	schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
has_primary_key	boolean	false	none	Weather table has primary key

Name	Type	Required	Restrictions	Description
recorded_time	string	false	none	When table was first detected by PEM agent

Index

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
index_name	string	false	none	Index name
ind_keys	[integer]	false	none	indexed column positions in table
table_name	string	false	none	Table name
schema_name	string	false	none	Schema
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string	false	none	When index was first detected by PEM agent

Sequence

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
sequence_name	string	false	none	Sequence name
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

Function

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
function_name	string	false	none	Function name
function_type	string	false	none	Function type
return_type	string	false	none	Function return type
arg_types	[string]	false	none	Function argument types
function_binary	string	false	none	none
extension_name	string	false	none	none
package_name	string	false	none	Function package name
schema_name	string	false	none	Function schema
database_name	string	false	none	Function database name
server_id	integer	false	none	Function server id
recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

View

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
view_name	string	false	none	View name
view_type	string	false	none	View type
ispopulated	boolean	false	none	Is view populated
view_owner	string	false	none	View owner
definition	string	false	none	View definition
tablespace_name	string	false	none	View tablespace
schema_name	string	false	none	View schema
database_name	string	false	none	View database
server_id	integer	false	none	View server id
recorded_time	string	false	none	When view was first detected by PEM agent

Webhook

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_id": 0,
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Webhook id
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method
http_headers	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
payload_template	string	false	none	Payload template
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.

Name	Type	Required	Restrictions	Description
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookPostData

```
{
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method
http_headers	[WebhookHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
payload_template	string	false	none	Payload template
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookPutData

```

{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": {
    "added": [
      {
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "changed": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "deleted": [
      {
        "http_header_id": 0
      }
    ]
  },
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Webhook id
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method
http_headers	object	false	none	none
» added	[WebhookHTTPHeaders]	false	none	List of the http header key/value pair to be added.
» changed	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be updated.
» deleted	[object]	false	none	List of the http headerids to be deleted.
»» http_header_id	integer	false	none	ID of the http header
payload_template	string	false	none	Payload template

Name	Type	Required	Restrictions	Description
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookGetHTTPHeaders

```
{
  "http_header_id": 0,
  "http_header_key": "string",
  "http_header_value": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
http_header_id	integer	false	none	ID of the http header
http_header_key	string	false	none	Name of the http header key
http_header_value	string	false	none	Name of the http header key

WebhookHTTPHeaders

```
{
  "http_header_key": "string",
  "http_header_value": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
http_header_key	string	false	none	Name of the http header key
http_header_value	string	false	none	Name of the http header key

EmailGroups

```
{
  "id": 0,
  "oid": 0,
  "gid": 0,
  "name": "string",
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Email group id
oid	integer	false	none	Email group options id
gid	integer	false	none	Email group id
name	string	false	none	Email group name
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members
to_time	string	false	none	Email group options to time to select time range for members

EmailGroupsPostData

```
{
  "name": "string",
  "options": [
    {
      "to_addr": "string",
      "cc_addr": "string",
      "bcc_addr": "string",
      "from_addr": "string",
      "reply_to_addr": "string",
      "subject_prefix": "string",
      "from_time": "string",
      "to_time": "string"
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Email group name
options	[EmailGroupOptions]	false	none	List of the email group options to be used by the email group.

EmailGroupsPutData

```
{
  "id": 0,
  "name": "string",
  "options": {
    "added": [
      {
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "changed": [
      {
        "oid": 0,
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "deleted": [
      {
        "oid": 0
      }
    ]
  }
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Email group id
name	string	false	none	Email group name

Name	Type	Required	Restrictions	Description
options	object	false	none	none
» added	[EmailGroupOptions]	false	none	Email group options to be added.
» changed	[EmailGroupOptionsChanged]	false	none	Email group options to be updated.
» deleted	[object]	false	none	List of the http headerids to be deleted.
»» oid	integer	false	none	Email group options ID

EmailGroupOptions

```
{
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members
to_time	string	false	none	Email group options to time to select time range for members

EmailGroupOptionsChanged

```
{
  "oid": 0,
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
oid	integer	false	none	Email group options ID
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members
to_time	string	false	none	Email group options to time to select time range for members

7 EDB Postgres Enterprise Manager REST APIs v6.0

NOTE:

- EDB Postgres Enterprise Manager *is referred as PEM in this documentation.*
- PEM *uses self-certified SSL certificates, hence - you may get error like 'SSL certificate problem: self signed certificate'. You may need to use the 'insecure' connection to connect to the server.*

PEM exposes end-points (REST APIs) for the following operations:

- *Retrieval of the objects retrieved from the monitored server, and agents.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for probes.*
- *Retrieval of the statistics/metrics data (including the historical data) collected by different probes.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alerts.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for email group used by the alerts mechanism.*
- *Create, Retrieve, Update, and Delete (CRUD) operations for alert templates used by the alerts.*
- *Retrieval, and Update of the probe configuration.*
- *Copy the agents/servers/database/schema level probe configurations to other same level, or lower level objects.*
- *Copy the alert configuration of one object to other objects.*
- *Retrieval, and Update the PEM-server configurations.*

Base URLs:

- [/api/v6](#)

Email: [EnterpriseDB](#) Web: [EnterpriseDB](#) License: [Limited Use Software License Agreement](#)

Object

Object can be an pem-agent, a monitored server, or a database object (i.e. database, schema, table, index, sequence, function, view).

Retrieve of the pem-agent information

Code samples

`GET /agent/`

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Agent

This operation does not require authentication

Retrieve the information for the agent, identified by the agent_id.

Code samples

`GET /agent/{agent_id}`

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Agent

This operation does not require authentication

Update the agent information

Code samples

```
PUT /agent/{agent_id}
```

Body parameter

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Agent	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the agent by PEM.

Code samples

```
DELETE /agent/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieval of the managed server list

Code samples

GET /server/

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "host": "string",
    "port": 0,
    "database": "string",
    "ssl": 0,
    "serviceid": "string",
    "active": true,
    "alert_blackout": true,
    "owner": 0,
    "team": "string",
    "server_owner": "string",
    "is_remote_monitoring": true,
    "efm_cluster_name": "string",
    "efm_service_name": "string",
    "efm_installation_path": "string",
    "comment": "string",
    "username": "string",
    "gid": 0,
    "db_restriction": "string",
    "role": "string",
    "is_edb": true,
    "agent_id": 0,
    "asb_host": "string",
    "asb_port": 0,
    "asb_username": "string",
    "asb_database": "string",
    "asb_sslmode": "string",
    "asb_password": "string",
    "asb_allowtakeover": "string",
    "agent_capability_list": [
      "string"
    ],
    "agent_description": "string",
    "fgcolor": "string",
    "bgcolor": "string",
    "sslcompression": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Server]	false	none	none
» id	integer	false	none	Server id
» name	string	false	none	Server name
» host	string	false	none	Server host
» port	integer	false	none	Server port
» database	string	false	none	Maintenance databse
» ssl	integer	false	none	SSL mode
» serviceid	string	false	none	Server service id
» active	boolean	false	none	Defines whether the server is active, or not.
» alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
» owner	integer	false	none	ID of the owner, who registered the server with PEM.
» team	string	false	none	Defines the role/username, who can see the server information.
» server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
» is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
» efm_cluster_name	string	false	none	Cluster name of EFM
» efm_service_name	string	false	none	Service name of EFM
» efm_installation_path	string	false	none	Installation Path of EFM
» comment	string	false	none	Description about the Server.
» username	string	false	none	Username for connecting the database server.
» gid	integer	false	none	ID of the Server group
» db_restriction	string	false	none	Database restriction SQL clause
» role	string	false	none	The role the connection will use
» is_edb	boolean	false	none	Is server an EDB Advanced Server?
» agent_id	integer	false	none	Agent id bound to the server
» asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
» asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
» asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
» asb_database	string	false	none	PEM database to which agent will connect.
» asb_sslmode	string	false	none	PEM database ssl mode.
» asb_password	string	false	none	empty string.
» asb_allow takeover	string	false	none	Whether server allowed to take over by another agent.
» agent_capability_list	[string]	false	none	Array of capabilities the agent has
» agent_description	string	false	none	Agent description
» fgcolor	string	false	none	Foreground color of server node in browser tree
» bgcolor	string	false	none	Background color of server node in browser tree

Name	Type	Required	Restrictions	Description
» sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

This operation does not require authentication

Add a new managed database server.

Code samples

```
POST /server/
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the information for the server, identified by the `server_id`.

Code samples

```
GET /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Created successfully	Server

This operation does not require authentication

Update the server information

Code samples

PUT /server/{server_id}

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the server by PEM.

Code samples

```
DELETE /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the list of properties of database(s) for a managed server.

Code samples

```
GET /server/{sid}/database/
```

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID

Example responses

200 Response

```
[
  {
    "database_name": "string",
    "connections_allowed": true,
    "system_database": true,
    "recorded_time": "2019-08-24T14:15:22Z",
    "encoding": "string",
    "server_id": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Database]	false	none	none
» database_name	string	false	none	Database name
» connections_allowed	boolean	false	none	Is connection to database allowed
» system_database	boolean	false	none	Is database system database
» recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
» encoding	string	false	none	Database encoding
» server_id	integer	false	none	Server id of database

This operation does not require authentication

Retrieve the properties of the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Database

This operation does not require authentication

Retrieve the list of properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Schema]	false	none	none
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name of schema
» server_id	integer	false	none	Server id schmea
» recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Schema

This operation does not require authentication

Retrieve the list of properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "has_primary_key": true,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Table]	false	none	none
» table_name	string	false	none	Table name
» schema_name	string	false	none	schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» has_primary_key	boolean	false	none	Weather table has primary key
» recorded_time	string	false	none	When table was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/{table_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
table_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Table

This operation does not require authentication

Retrieve the list of properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "index_name": "string",
    "ind_keys": [
      0
    ],
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Index]	false	none	none
» index_name	string	false	none	Index name
» ind_keys	[integer]	false	none	indexed column positions in table
» table_name	string	false	none	Table name
» schema_name	string	false	none	Schema
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string	false	none	When index was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/{index_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
index_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Index

This operation does not require authentication

Retrieve the list of properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "sequence_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```


Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Sequence]	false	none	none
» sequence_name	string	false	none	Sequence name
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/{sequence_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
sequence_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Sequence

This operation does not require authentication

Retrieve the list of properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "view_name": "string",
    "view_type": "string",
    "ispopulated": true,
    "view_owner": "string",
    "definition": "string",
    "tablespace_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[View]	false	none	none
» view_name	string	false	none	View name
» view_type	string	false	none	View type
» ispopulated	boolean	false	none	Is view populated
» view_owner	string	false	none	View owner
» definition	string	false	none	View definition
» tablespace_name	string	false	none	View tablespace
» schema_name	string	false	none	View schema
» database_name	string	false	none	View database
» server_id	integer	false	none	View server id
» recorded_time	string	false	none	When view was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/{view_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
view_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	View

This operation does not require authentication

Retrieve the list of properties of functions resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "function_name": "string",
    "function_type": "string",
    "return_type": "string",
    "arg_types": [
      "string"
    ],
    "function_binary": "string",
    "extension_name": "string",
    "package_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Function]	false	none	none
» function_name	string	false	none	Function name
» function_type	string	false	none	Function type
» return_type	string	false	none	Function return type
» arg_types	[string]	false	none	Function argument types
» function_binary	string	false	none	none
» extension_name	string	false	none	none
» package_name	string	false	none	Function package name
» schema_name	string	false	none	Function schema
» database_name	string	false	none	Function database name
» server_id	integer	false	none	Function server id
» recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of function resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/{function_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
function_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Function

This operation does not require authentication

Monitored Object Status

Retrieve of the status of all the visible pem-agent

Code samples

GET /agent/status/

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "group_id": 0,
    "group_name": "string",
    "blackout": true,
    "status": "UP",
    "alerts": {
      "total": 0,
      "acknowledged": 0,
      "high": 0,
      "medium": 0,
      "low": 0,
      "high_acknowledged": 0,
      "medium_acknowledged": 0,
      "low_acknowledged": 0
    },
    "version": "string",
    "processes": 0,
    "threads": 0,
    "cpu_utilization": 0,
    "memory_utilization": 0,
    "swap_utilization": 0,
    "disk_utilization": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AgentStatus]	false	none	none
» id	integer	false	none	Agent ID
» name	string	false	none	Agent name
» group_id	integer	false	none	Group ID under which Agent is visible to the user
» group_name	string	false	none	Group name
» blackout	boolean	false	none	Enabled/Disabled alert blackout for the agent
» status	string	false	none	Agent status can be UP, DOWN, or UNKNOWN
» alerts	object	false	none	List of alert configured for the agent and it's status and how many are acknowledged
»» total	integer	false	none	Number of alerts configured for the agent
»» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
»» high	integer	false	none	Number of alerts with state as 'High'
»» medium	integer	false	none	Number of alerts with state as 'Medium'
»» low	integer	false	none	Number of alerts with state as 'Low'
»» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
»» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
»» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
» version	string	false	none	Current version of the agent
» processes	integer	false	none	Number of processes running
» threads	integer	false	none	Number of threads for all the running processes
» cpu_utilization	number	false	none	CPU utilization (Percentage)
» memory_utilization	number	false	none	Memory utilization (Percentage)
» swap_utilization	number	false	none	Swap memory utilization (Percentage)
» disk_utilization	number	false	none	Overall disk utilization (Percentage)

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN

This operation does not require authentication

Retrieve of the status of the pem-agent, identified by the agent_id.

Code samples

```
GET /agent/status/{agent_id}
```


Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "processes": 0,
  "threads": 0,
  "cpu_utilization": 0,
  "memory_utilization": 0,
  "swap_utilization": 0,
  "disk_utilization": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AgentStatus
400	Bad Request	Agent not found or visible to the user	None

Response Schema

This operation does not require authentication

Retrieve of the status of all the visible database server

Code samples

```
GET /server/status/
```

It returns the list of the information, and status for the database servers visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "group_id": 0,
    "group_name": "string",
    "blackout": true,
    "status": "UP",
    "alerts": {
      "total": 0,
      "acknowledged": 0,
      "high": 0,
      "medium": 0,
      "low": 0,
      "high_acknowledged": 0,
      "medium_acknowledged": 0,
      "low_acknowledged": 0
    },
    "version": "string",
    "number_connections": 0,
    "remote_monitoring": true,
    "agent_id": 0,
    "sessions": {
      "last_recorded_time": 0,
      "sessions": [
        {
          "database_name": "string",
          "procpid": 0,
          "username": "string",
          "backend_start": 0,
          "xact_start": 0,
          "query_start": 0,
          "is_waiting": true,
          "is_idle": true,
          "is_idle_in_transaction": true,
          "is_vacuum": true,
          "is_autovacuum": true,
          "client_addr": "string",
          "client_port": 0,
          "memory_usage_mb": 0,
          "swap_usage_mb": 0,
          "cpu_usage": 0,
          "io_read_bytes": 0,
          "io_write_bytes": 0,
          "state": "string",
          "state_change": 0
        }
      ]
    }
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the database servers.	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[ServerStatus]	false	none	none
» id	integer	false	none	Server ID
» name	string	false	none	Server name
» group_id	integer	false	none	Group ID under which database server is visible to the user
» group_name	string	false	none	Group name
» blackout	boolean	false	none	Status of the alert blackout for the database server
» status	string	false	none	Server status can be UP, DOWN, UNKNOWN, or UNMANAGED,
» alerts	object	false	none	List of alert configured for the database server and it's status and how many are acknowledged
»» total	integer	false	none	Number of alerts configured for the database server
»» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
»» high	integer	false	none	Number of alerts with state as 'High'
»» medium	integer	false	none	Number of alerts with state as 'Medium'
»» low	integer	false	none	Number of alerts with state as 'Low'
»» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
»» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
»» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
» version	string	false	none	Current version of the database server
» number_connections	integer	false	none	Number of connections on the database servers
» remote_monitoring	boolean	false	none	Whether the database server is being monitored remotely by the pemAgent
» agent_id	integer	false	none	Agent ID, which is monitoring the database server
» sessions	object	false	none	All the session information for the daabase servers
»» last_recorded_time	number	false	none	Unix time representing the last session information recorded time
»» sessions	[object]	false	none	List of all the session information for the database server
»»» database_name	string	false	none	Database name
»»» procpid	integer	false	none	Process ID
»»» username	string	false	none	User name

Name	Type	Required	Restrictions	Description
»»»» backend_start	number	false	none	Unix time representing the session start time
»»»» xact_start	number	false	none	Unix time representing the transaction start time
»»»» query_start	number	false	none	Unix time representing the query start time (if any running)
»»»» is_waiting	boolean	false	none	Is the session waiting?
»»»» is_idle	boolean	false	none	Is the session idle?
»»»» is_idle_in_transaction	boolean	false	none	Is the session idle in a transaction?
»»»» is_vacuum	boolean	false	none	Is this a VACUUM session?
»»»» is_autovacuum	boolean	false	none	Is this a AUTO VACUUM session?
»»»» client_addr	string	false	none	Host address for the client of the session
»»»» client_port	integer	false	none	Client port for the session
»»»» memory_usage_mb	number	false	none	Memory usage (in MB) of the session (available only when monitored locally)
»»»» swap_usage_mb	number	false	none	Swap memory usage (in MB) of the session (available only when monitored locally)
»»»» cpu_usage	number	false	none	CPU Usage (in percentage) of the session (available only when monitored locally)
»»»» io_read_bytes	number	false	none	I/O Read (in bytes) of the session (available only when monitored locally)
»»»» io_write_bytes	number	false	none	I/O Write (in bytes) of the session (available only when monitored locally)
»»»» state	string	false	none	Current state of the session (idle, active, idle in transaction, etc)
»»»» state_change	number	false	none	Unix time representing the last state change time of the session

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN
status	UNMANAGED

This operation does not require authentication

Retrieve of the status of the database server, identified by the `server_id`.

Code samples

```
GET /server/status/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "number_connections": 0,
  "remote_monitoring": true,
  "agent_id": 0,
  "sessions": {
    "last_recorded_time": 0,
    "sessions": [
      {
        "database_name": "string",
        "procpid": 0,
        "username": "string",
        "backend_start": 0,
        "xact_start": 0,
        "query_start": 0,
        "is_waiting": true,
        "is_idle": true,
        "is_idle_in_transaction": true,
        "is_vacuum": true,
        "is_autovacuum": true,
        "client_addr": "string",
        "client_port": 0,
        "memory_usage_mb": 0,
        "swap_usage_mb": 0,
        "cpu_usage": 0,
        "io_read_bytes": 0,
        "io_write_bytes": 0,
        "state": "string",
        "state_change": 0
      }
    ]
  }
}

```

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful response	ServerStatus
400	Bad Request	server not found or visible to the user	None

Response Schema

This operation does not require authentication

Alerts History

get__alert_history_

Code samples

```
GET /alert/history/
```

Gets the state change history of all the alerts.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_agent_{agent_id}

Code samples

```
GET /alert/history/agent/{agent_id}
```

Gets the state change history of all the alerts for the agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Valid Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_server_{server_id}

Code samples

```
GET /alert/history/server/{server_id}
```

Gets the state change history of all the alerts for the database server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Valid Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_server_{server_id}database{database_name}

Code samples

```
GET /alert/history/server/{server_id}/database/{database_name}
```

Gets the state change history of all the alerts for the database of the databae server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Valid Server ID
database_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

Alerts Status

get__alert_status_

Code samples

```
GET /alert/status/
```

Gets the current status of all the alerts.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_since": "string",
    "alert_id": 0,
    "alert_name": "string",
    "alert_state": "High",
    "value": "string",
    "object_description": "string",
    "server_id": 0,
    "agent_id": 0,
    "database": "string",
    "schema": "string",
    "package": "string",
    "object": "string",
    "alert_target_level": "Global",
    "last_processed": "string",
    "info": "string",
    "info_cols": [
      "string"
    ],
    "info_vals": [
      [
        "string"
      ]
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertStatus]	false	none	none
» alert_since	string	false	none	Unix Time at which alert state has last changed.
» alert_id	integer	false	none	Alert internal identification number
» alert_name	string	false	none	Name of the alert.
» alert_state	string	false	none	Current state of the alert. 'null' value suggested alert threshold values has not been violated for the alert at the moments.
» value	string	false	none	Current value of the alert
» object_description	string	false	none	Monitoring object description/name
» server_id	integer	false	none	null or ID of the server
» agent_id	integer	false	none	null or ID of the agent
» database	string	false	none	null or name of the database
» schema	string	false	none	null or name of the schema/namespace
» package	string	false	none	null or name of the EDB package
» object	string	false	none	null or name of any other type of object
» alert_target_level	string	false	none	Alert target level
» last_processed	string	false	none	String representing unix time at which the alert has been processed
» info	string	false	none	Some information at the time of alert generated
» info_cols	[string]	false	none	Array of column names for the information
» info_vals	[array]	false	none	Detailed information associated with the alert in the form of table (array of array)

Enumerated Values

Property	Value
alert_state	High
alert_state	Medium
alert_state	Low
alert_target_level	Global
alert_target_level	Agent
alert_target_level	Server
alert_target_level	Database
alert_target_level	Schema
alert_target_level	Table
alert_target_level	Index
alert_target_level	Sequence
alert_target_level	Function

Property	Value
alert_target_level	View

This operation does not require authentication

get__alert_status_{since}

Code samples

```
GET /alert/status/{since}
```

Gets the list of alerts state changes after the given time

Parameters

Name	In	Type	Required	Description
since	path	number	true	Unix timeline
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "alert_since": "string",
  "alert_id": 0,
  "alert_name": "string",
  "alert_state": "High",
  "value": "string",
  "object_description": "string",
  "server_id": 0,
  "agent_id": 0,
  "database": "string",
  "schema": "string",
  "package": "string",
  "object": "string",
  "alert_target_level": "Global",
  "last_processed": "string",
  "info": "string",
  "info_cols": [
    "string"
  ],
  "info_vals": [
    [
      "string"
    ]
  ]
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertStatus

This operation does not require authentication

Alerts

get__alert_config_global_

Code samples

```
GET /alert/config/global/
```

Gets Alerts for global level.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post_alert_config_global_

Code samples

```
POST /alert/config/global/
```

Create **Alert** for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_global_{id}

Code samples

```
GET /alert/config/global/{id}
```

Gets [Alerts](#) for global level by alert_id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_global_{id}

Code samples

```
PUT /alert/config/global/{id}
```

Update `Alert` for global level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_global_{id}

Code samples

```
DELETE /alert/config/global/{id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}

Code samples

```
GET /alert/config/agent/{agent_id}
```

Gets Alerts for agent level by agent_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_agent_{agent_id}

Code samples

```
POST /alert/config/agent/{agent_id}
```

Create **Alert** for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
GET /alert/config/agent/{agent_id}/{alert_id}
```

Gets [Alerts](#) for agent level by agent_id and alert_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
PUT /alert/config/agent/{agent_id}/{alert_id}
```

Update `Alert` for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
DELETE /alert/config/agent/{agent_id}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}

Code samples

```
GET /alert/config/server/{server_id}
```

Gets Alerts for server level by server_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post_alert_config_server_{server_id}

Code samples

```
POST /alert/config/server/{server_id}
```

Create **Alert** for server level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}_{alert_id}

Code samples

```
GET /alert/config/server/{server_id}/{alert_id}
```

Gets [Alerts](#) for server level by server_id and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_server_{server_id}_{alert_id}

Code samples

```
PUT /alert/config/server/{server_id}/{alert_id}
```

Update `Alert` for server level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_server_{server_id}_{alert_id}

Code samples

```
DELETE /alert/config/server/{server_id}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}
```

Gets Alerts for database level by server_id and database_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}
```

Create **Alert** for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Gets [Alerts](#) for database level by server_id, database_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Update `Alert` for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
DELETE /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Gets Alerts for schema level by server_id, database_name and schema_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Create **Alert** for schema level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Gets [Alerts](#) for schema level by server_id, database_name, schema_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert
```

Update `Alert` for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets Alerts for table level by server_id, database_name, schema_name and table_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```


Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Create **Alert** for table level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets [Alerts](#) for table level by server_id, database_name, schema_name, table_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_n`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Update `Alert` for table level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name and index_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Create `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets [Alerts](#) for index level by server_id, database_name, schema_name, index_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_r`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Update `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets Alerts for sequence level by server_id, database_name, schema_name and sequence_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{se

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Create **Alert** for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets [Alerts](#) for sequence level by server_id, database_name, schema_name, sequence_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Update `Alert` for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name and view_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Create `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets [Alerts](#) for view level by server_id, database_name, schema_name, view_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Update `Alert` for view level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets Alerts for function level by server_id, database_name, schema_name and function_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Create **Alert** for function level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets [Alerts](#) for function level by server_id, database_name, schema_name, function_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Update `Alert` for function level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fu`

Code samples

DELETE

`/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi`

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Copy Alert

post__alert_copy_agent_{agent_id}

Code samples

```
POST /alert/copy/agent/{agent_id}
```

Copy agent level alert to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}

Code samples

```
POST /alert/copy/server/{server_id}
```

Copy server level alert to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}
```

Copy database level alert to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy schema level alert to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertSchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Copy table level alert to another table

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertTableData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Copy index level alert to another index

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertIndexData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}function{funct`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Copy function level alert to another function

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertFunctionData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Copy sequence level alert to another sequence

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertSequenceData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Alert template

get__alert_template_

Code samples

```
GET /alert/template/
```

Gets Alert templates.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "description": "string",
    "default_history_retention": 0,
    "object_type": 0,
    "sql": "string",
    "applicable_on_server": "ALL",
    "default_check_frequency": 0,
    "threshold_unit": "string",
    "is_system_template": true,
    "is_auto_create": true,
    "thresholds": [
      0
    ],
    "operator": ">",
    "high_threshold_value": "string",
    "medium_threshold_value": "string",
    "low_threshold_value": "string",
    "info_sql": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertTemplate]	false	none	none
» id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
» default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
» object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
» sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
» default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
» threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
» is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
» is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
» thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
» operator	string	false	none	Operator to compare threshold values.
» high_threshold_value	string	false	none	High threshold value.
» medium_threshold_value	string	false	none	Medium threshold value.
» low_threshold_value	string	false	none	Low threshold value.
» info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

This operation does not require authentication

post__alert_template_

Code samples

POST /alert/template/

Create Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_template_{id}

Code samples

```
GET /alert/template/{id}
```


Gets Alert template identified by the id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertTemplate

This operation does not require authentication

put__alert_template_{id}

Code samples

```
PUT /alert/template/{id}
```

Update Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_template_{id}

Code samples

```
DELETE /alert/template/{id}
```

Delete the Alert template.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Export Custom Alert Templates

post__alert_custom_export_

Code samples

```
POST /alert/custom/export/
```

Export custom alert templates

Body parameter

```
{
  "alert_templates": [
    0
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomAlertTemplateExportData	true	none

Example responses

200 Response

```
[
  {
    "version": 1,
    "alert_templates": [
      {
        "name": "string",
        "description": "string",
        "reference_id": "string",
        "default_history_retention": 0,
        "object_type": 0,
        "sql": "string",
        "applicable_on_server": "ALL",
        "default_check_frequency": 0,
        "threshold_unit": "string",
        "is_system_template": true,
        "is_auto_create": true,
        "thresholds": [
          0
        ],
        "operator": ">",
        "high_threshold_value": "string",
        "medium_threshold_value": "string",
        "low_threshold_value": "string",
        "info_sql": "string",
        "probes": [
          {
            "probe_name": "string",
            "collection_method": "w",
            "enabled": true,
            "target_type": 0,
            "any_server_version": true,
            "interval": 0,
            "lifetime": 0,
            "discard_history": true,
            "platform": "string",
            "probe_code": "string",
            "probe_columns": [
              {
                "pc_name": "string",
                "pc_data_type": "bigint",
                "pc_unit": "string",
                "pc_col_type": "m",
                "pc_graphable": true,
                "pc_calc_pit": true,
                "pc_pit_default": true
              }
            ],
            "alternate_code": [
              {
                "server_version_id": 0,
                "server_probe_code": "string"
              }
            ]
          }
        ]
      }
    ]
  }
]
```

```

    ],
    "internal_name": "string"
  }
]

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomAlertTemplateExportResponseData]	false	none	none
» version	integer	false	none	Version of the alert template export.
» alert_templates	[AlertImportExportTemplate]	false	none	none
»» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
»» description	string	false	none	Description about the alert template. NOTE: is a mandatory parameter for the POST request.
»» reference_id	string	false	none	Internal identifier for the alert template.
»» default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
				Defines the type of the object on which this alert template is applicable to. <ul style="list-style-type: none"> System wide alert template will be 50 An alert template applicable to an

Name	Type	Required	Restrictions	Description
»» object_type	integer	false	none	<p>An alert template applicable to a managed server will be 100.</p> <ul style="list-style-type: none"> An alert template applicable to a managed server will be 200. An alert template applicable to a database for a particular monitor server will be 300. An alert template applicable to a schema on a particular database for the managed server will be 400. An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
»» sql	string	false	none	<p>SQL query, possibly parameterized, to get numeric indicating threshold reached.</p> <p>NOTE: It is a mandatory parameter for the POST request.</p>

Name	Type	Required	Restrictions	Description
»» applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL_POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
»» default_check_frequency	integer	false	none	Defines how frequent to check for the alert defined from this template (in minutes) NOTE: It is a mandatory parameter for the POST request.
»» threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days.
»» is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
»» is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
»» thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator
»» operator	string	false	none	Operator to compare threshold values.
»» high_threshold_value	string	false	none	High threshold value.
»» medium_threshold_value	string	false	none	Medium threshold value.
»» low_threshold_value	string	false	none	Low threshold value.
»» info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.
»» probes	[allOf]	false	none	none

allOf

Name	Type	Required	Restrictions	Description
»»»» <i>anonymous</i>	CustomProbePostData	false	none	none
»»»»» probe_name	string	false	none	Name of the probe.
»»»»» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> • 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). • 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. • 's' stands for SQL script. It will applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
»»»»» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
»»»» target_type	integer	false	none	
»»»» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
»»»» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
»»»» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
»»»» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
»»»» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
»»»» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
»»»» probe_columns	[object]	false	none	none

Name	Type	Required	Restrictions	Description
»»»»» pc_name	string	false	none	Name of the column Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestamptz
»»»»» pc_data_type	string	false	none	
»»»»» pc_unit	string	false	none	Returns the unit of the column.
»»»»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»»»»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»»»»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»»»»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
»»»»» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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21300	EDB Postgres Advanced Server 13																													
»»»»» server_version_id	integer	false	none																											
»»»»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

and

Name	Type	Required	Restrictions	Description
»»» <i>anonymous</i>	object	false	none	none
»»»»» internal_name	string	false	none	Internal name of the probe from the system where probe was exported.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER

Property	Value
operator	>
operator	<
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestamptz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

Import Custom Alert Templates

post__alert_custom_import_

Code samples

```
POST /alert/custom/import/
```

Import custom alert templates using exported alert templates

Body parameter

```
{
  "version": 1,
  "skip_overwrite": true,
  "skip_overwrite_probe": true,
  "alert_templates": [
    {
      "name": "string",
      "description": "string",
      "reference_id": "string",
      "default_history_retention": 0,
      "object_type": 0,
      "sql": "string",
      "applicable_on_server": "ALL",
      "default_check_frequency": 0,
    }
  ]
}
```


Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

This operation does not require authentication

Custom Probe

get__probe_

Code samples

```
GET /probe/
```

Get all the custom/system probes.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "enabled": true,
    "target_type": 0,
    "internal_name": "string",
    "is_system_probe": true,
    "any_server_version": true,
    "collection_method": "w",
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_id": 0,
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_internal_name": "string",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_position": 0,
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomProbes]	false	none	none
» probe_id	integer	false	none	Identifier for a probe.

Name	Type	Required	Restrictions	Description
» probe_name	string	false	none	Name of the probe.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default. Defines the type of the object on which the probe is applicable to. <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type	integer	false	none	
» internal_name	string	false	none	Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.
» is_system_probe	boolean	false	none	Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.
» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.

Name	Type	Required	Restrictions	Description
» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
» probe_columns	[object]	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestampz
»» pc_data_type	string	false	none	
»» pc_internal_name	string	false	none	Returns the internal name of the column.
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»» pc_position	integer	false	none	Returns the position of the column in the internal table.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
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»» server_version_id	integer	false	none																											
»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer

Property	Value
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

post__probe_

Code samples

POST /probe/

Create new custom probe

Body parameter

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_{probe_id}

Code samples

```
GET /probe/{probe_id}
```

Get probe information for specified probe id.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	CustomProbes

This operation does not require authentication

put__probe_{probe_id}

Code samples

```
PUT /probe/{probe_id}
```

Update custom/system probe information for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__probe_{probe_id}

Code samples

```
DELETE /probe/{probe_id}
```

Delete the custom probe.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Export Custom Probes

post__probe_custom_export_

Code samples

```
POST /probe/custom/export/
```

Export custom probes

Body parameter


```
{
  "probes": [
    0
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbeExportData	true	none

Example responses

200 Response

```
[
  {
    "probe_name": "string",
    "collection_method": "w",
    "enabled": true,
    "target_type": 0,
    "any_server_version": true,
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "internal_name": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[allOf]	false	none	none

allOf

Name	Type	Required	Restrictions	Description
» <i>anonymous</i>	CustomProbePostData	false	none	none
»» probe_name	string	false	none	Name of the probe.
»» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
»» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
»» target_type	integer	false	none	
»» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
»» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
»» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
»» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
»» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
»» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
»» probe_columns	[object]	false	none	none
»»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestamptz
»»» pc_data_type	string	false	none	
»»» pc_unit	string	false	none	Returns the unit of the column.
»»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
»» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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»»»» server_version_id	integer	false	none																											
»»»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

and

Name	Type	Required	Restrictions	Description
» <i>anonymous</i>	object	false	none	none
»» internal_name	string	false	none	Internal name of the probe from the system where probe was exported.

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

Import Custom Probes

post__probe_custom_import_

Code samples

```
POST /probe/custom/import/
```

Import custom probes using exported probes

Body parameter

```

{
  "version": 1,
  "skip_overwrite": true,
  "probes": [
    {
      "probe_name": "string",
      "collection_method": "w",
      "enabled": true,
      "target_type": 0,
      "any_server_version": true,
      "interval": 0,
      "lifetime": 0,
      "discard_history": true,
      "platform": "string",
      "probe_code": "string",
      "probe_columns": [
        {
          "pc_name": "string",
          "pc_data_type": "bigint",
          "pc_unit": "string",
          "pc_col_type": "m",
          "pc_graphable": true,
          "pc_calc_pit": true,
          "pc_pit_default": true
        }
      ],
      "alternate_code": [
        {
          "server_version_id": 0,
          "server_probe_code": "string"
        }
      ],
      "internal_name": "string"
    }
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbeImportData	true	none

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

This operation does not require authentication

Probe Configuration

get__probe_config_server_{server_id}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/{probe_id}
```

Get server level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}_{probe_id}

Code samples

PUT /probe/config/server/{server_id}/{probe_id}

Update server level probe configuration for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}

Code samples

GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}

Get all the schema level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Get schema level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}

Code samples

```
PUT
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe
```

Update schema level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get all the table level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.

Name	Type	Required	Restrictions	Description
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get table level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get all the index level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get index level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get all the sequence level probes.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_id}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_id}
```

Get sequence level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get all the function level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get function level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get all the view level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get view level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_agent_{agent_id}

Code samples

```
GET /probe/config/agent/{agent_id}
```

Get all the agent level probes.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.

Name	Type	Required	Restrictions	Description
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}

Code samples

```
GET /probe/config/server/{server_id}
```

Get all the server level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.

Name	Type	Required	Restrictions	Description
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}
```

Get all the database level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).

Name	Type	Required	Restrictions	Description
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Get database level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
PUT /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Update database level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Copy Probe

post__probe_copy_agent_{agent_id}

Code samples

```
POST /probe/copy/agent/{agent_id}
```

Copy Agent level probe to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}

Code samples

```
POST /probe/copy/server/{server_id}
```

Copy Server level probe to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}

Copy Database level probe to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}/schema/{schema_name}

Copy Schame level probe to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopySchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Probe data

get__probe_data_agent_{agent_id}_{probe_id}

Code samples

```
GET /probe/data/agent/{agent_id}/{probe_id}
```

Gets [Probe data](#) for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_data_server_{server_id}_{probe_id}

Code samples

```
GET /probe/data/server/{server_id}/{probe_id}
```

Gets **Probe data** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/{probe_id}
```

Gets **Probe data** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Gets **Probe data** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}table{table_na`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{t
```

Gets **Probe data** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Gets **Probe data** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}sequence{sequ`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Gets **Probe data** for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Gets **Probe data** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

GET
`/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/function`

Gets **Probe data** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Probe history

`get__probe_history_agent_{agent_id}from{start_time}to{end_time}_{probe_id}`

Code samples

`GET /probe/history/agent/{agent_id}/from/{start_time}/to/{end_time}/{probe_id}`

Gets **Probe history** for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/server/{server_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}from{start_time}to{end_time}_{prol`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/from/{start_time}/to/{end_
```

Gets **Probe history** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}from{start_t`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/from/
```

Gets **Probe history** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/table
```

Gets **Probe history** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/index
```

Gets **Probe history** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/seque
```

Gets **Probe history** for sequence.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/view/
```

Gets **Probe history** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name

Name	In	Type	Required	Description
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Gets **Probe history** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Webhook

Retrieval of the webhook list

Code samples

```
GET /webhook/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "url": "string",
    "enabled": true,
    "method": "string",
    "http_headers": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "payload_template": "string",
    "low_alert": true,
    "med_alert": true,
    "high_alert": true,
    "cleared_alert": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Webhook]	false	none	none
» id	integer	false	none	Webhook id
» name	string	false	none	Webhook name
» url	string	false	none	Webhook url
» enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
» method	string	false	none	Request method
» http_headers	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
»» http_header_id	integer	false	none	ID of the http header
»» http_header_key	string	false	none	Name of the http header key
»» http_header_value	string	false	none	Name of the http header key
» payload_template	string	false	none	Payload template

Name	Type	Required	Restrictions	Description
» low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
» med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
» high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
» cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

This operation does not require authentication

Add a new webhook.

Code samples

POST /webhook/

Body parameter

```
{
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	WebhookPostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook created successfully.	None

Response Schema

This operation does not require authentication

Retrieve the information for the webhook, identified by the `webhook_id`.

Code samples

```
GET /webhook/{webhook_id}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_id": 0,
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Webhook

Status	Meaning	Description	Schema
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This operation does not require authentication

Update the webhook information

Code samples

```
PUT /webhook/{webhook_id}
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": {
    "added": [
      {
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "changed": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "deleted": [
      {
        "http_header_id": 0
      }
    ]
  },
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	WebhookPutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook updated successfully.	None

Response Schema

This operation does not require authentication

Delete the webhook.

Code samples

```
DELETE /webhook/{webhook_id}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook deleted successfully.	None

Response Schema

This operation does not require authentication

Email Groups

Retrieval of the email groups list

Code samples

```
GET /email/groups
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "oid": 0,
    "gid": 0,
    "name": "string",
    "to_addr": "string",
    "cc_addr": "string",
    "bcc_addr": "string",
    "from_addr": "string",
    "reply_to_addr": "string",
    "subject_prefix": "string",
    "from_time": "string",
    "to_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[EmailGroups]	false	none	none
» id	integer	false	none	Email group id
» oid	integer	false	none	Email group options id
» gid	integer	false	none	Email group id

Name	Type	Required	Restrictions	Description
» name	string	false	none	Email group name
» to_addr	string	false	none	Email group options receiver address
» cc_addr	string	false	none	Email group options CC address
» bcc_addr	string	false	none	Email group options BCC address
» from_addr	string	false	none	Email group options sender address
» reply_to_addr	string	false	none	Email group options reply to address
» subject_prefix	string	false	none	Email group options subject prefix
» from_time	string	false	none	Email group options from time to select time range for members
» to_time	string	false	none	Email group options to time to select time range for members

This operation does not require authentication

Add a new email group.

Code samples

POST /email/groups

Body parameter

```
{
  "name": "string",
  "options": [
    {
      "to_addr": "string",
      "cc_addr": "string",
      "bcc_addr": "string",
      "from_addr": "string",
      "reply_to_addr": "string",
      "subject_prefix": "string",
      "from_time": "string",
      "to_time": "string"
    }
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	EmailGroupsPostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group created successfully.	None

Response Schema

This operation does not require authentication

Retrieve the information for the email group, identified by the `email_group_id`.

Code samples

```
GET /email/groups/{email_group_id}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "oid": 0,
  "gid": 0,
  "name": "string",
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	EmailGroups

This operation does not require authentication

Update the email group information

Code samples

```
PUT /email/groups/{email_group_id}
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "options": {
    "added": [
      {
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "changed": [
      {
        "oid": 0,
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "deleted": [
      {
        "oid": 0
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	EmailGroupsPutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Excluded databases added successfully.	None

Response Schema

This operation does not require authentication

Delete the email group.

Code samples

```
DELETE /email/groups/{email_group_id}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group deleted successfully.	None

Response Schema

This operation does not require authentication

Include/Exclude Database Monitoring

Retrieve the information for the excluded databases, identified by the server id.

Code samples

GET /server/exclude_database/{sid}

Parameters

Name	In	Type	Required	Description
sid	path	string	true	Server id
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "server_id": 0,
  "name": "string",
  "exclude_databases": [
    "string"
  ]
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	ExcludeDatabases

This operation does not require authentication

Update the excluded database information

Code samples

PUT /server/exclude_database/{sid}

Body parameter

```
{
  "exclude_databases": [
    "string"
  ]
}
```

Parameters

Name	In	Type	Required	Description
sid	path	string	true	Server id
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	ExcludeDatabasesPutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group updated successfully.	None

Response Schema

This operation does not require authentication

Delete the excluded databases.

Code samples

```
DELETE /server/exclude_database/{sid}
```

Parameters

Name	In	Type	Required	Description
sid	path	string	true	Server id
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Excluded databases deleted successfully.	None

Response Schema

This operation does not require authentication

Schemas

AlertPayload

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.

Name	Type	Required	Restrictions	Description
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.
override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.

Name	Type	Required	Restrictions	Description
send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
low_webhook_ids	[integer]	false	none	Defines webhook ids for which low alerts to be configured.
med_webhook_ids	[integer]	false	none	Defines webhook ids for which medium alerts to be configured.
high_webhook_ids	[integer]	false	none	Defines webhook ids for which high alerts to be configured.
cleared_webhook_ids	[integer]	false	none	Defines webhook ids for which cleared alerts to be configured.

Alert

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

Name	Type	Required	Restrictions	Description
override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

AlertParams

```
{
  "paramname": "string",
  "paramvalue": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
paramvalue	string	false	none	Value for the given parameter

AlternateServerProbeCode

```
{
  "server_version_id": 0,
  "server_probe_code": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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10905	PostgreSQL 9.5																													
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21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											
server_probe_code	string	false	none	SQL query to run on the specified server version																										

DeletedAlternateServerProbeCode

```
{
  "server_version_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
				Server version id for the support monitored server
				server_version_id Database Server
				10905 PostgreSQL 9.5
				10906 PostgreSQL 9.6
				11000 PostgreSQL 10
				11100 PostgreSQL 11
				11200 PostgreSQL 12
server_version_id	integer	false	none	11300 PostgreSQL 13
				20905 Postgres Plus Advanced Server 9.5
				20906 Postgres Plus Advanced Server 9.6
				21000 EDB Postgres Advanced Server 10
				21100 EDB Postgres Advanced Server 11
				21200 EDB Postgres Advanced Server 12
				21300 EDB Postgres Advanced Server 13

AlertImportExportTemplate

```

{
  "name": "string",
  "description": "string",
  "reference_id": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string",
  "probes": [
    {
      "probe_name": "string",
      "collection_method": "w",
      "enabled": true,
      "target_type": 0,
      "any_server_version": true,
      "interval": 0,
      "lifetime": 0,
      "discard_history": true,
      "platform": "string",
      "probe_code": "string",
      "probe_columns": [
        {
          "pc_name": "string",
          "pc_data_type": "bigint",
          "pc_unit": "string",
          "pc_col_type": "m",
          "pc_graphable": true,
          "pc_calc_pit": true,
          "pc_pit_default": true
        }
      ],
      "alternate_code": [
        {
          "server_version_id": 0,
          "server_probe_code": "string"
        }
      ],
      "internal_name": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
reference_id	string	false	none	Internal identifier for the alert template.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
sql	string	false	none	<p>SQL query, possibly parameterized, to get a numeric indicating threshold reached.</p> <p>NOTE: It is a mandatory parameter for the POST request.</p>

Name	Type	Required	Restrictions	Description
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
operator	string	false	none	Operator to compare threshold values.
high_threshold_value	string	false	none	High threshold value.
medium_threshold_value	string	false	none	Medium threshold value.
low_threshold_value	string	false	none	Low threshold value.
info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.
probes	[CustomProbeImportPostData]	false	none	none

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

CustomAlertTemplateExportData


```
{
  "alert_templates": [
    0
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_templates	[integer]	false	none	List of the alert template ids

CustomAlertTemplateExportResponseData

```
{
  "version": 1,
  "alert_templates": [
    {
      "name": "string",
      "description": "string",
      "reference_id": "string",
      "default_history_retention": 0,
      "object_type": 0,
      "sql": "string",
      "applicable_on_server": "ALL",
      "default_check_frequency": 0,
      "threshold_unit": "string",
      "is_system_template": true,
      "is_auto_create": true,
      "thresholds": [
        0
      ],
      "operator": ">",
      "high_threshold_value": "string",
      "medium_threshold_value": "string",
      "low_threshold_value": "string",
      "info_sql": "string",
      "probes": [
        {
          "probe_name": "string",
          "collection_method": "w",
          "enabled": true,
          "target_type": 0,
          "any_server_version": true,
          "interval": 0,
          "lifetime": 0,
          "discard_history": true,
          "platform": "string",
          "probe_code": "string",
          "probe_columns": [
            {
              "pc_name": "string",
              "pc_data_type": "bigint",
              "pc_unit": "string",
            }
          ]
        }
      ]
    }
  ]
}
```

```

        "pc_col_type": "m",
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
    }
],
"alternate_code": [
    {
        "server_version_id": 0,
        "server_probe_code": "string"
    }
],
"internal_name": "string"
}
]
}
}
}

```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the alert template export.
alert_templates	AlertImportExportTemplate	false	none	none

CustomAlertTemplateImportPostData

```

{
  "version": 1,
  "skip_overwrite": true,
  "skip_overwrite_probe": true,
  "alert_templates": [
    {
      "name": "string",
      "description": "string",
      "reference_id": "string",
      "default_history_retention": 0,
      "object_type": 0,
      "sql": "string",
      "applicable_on_server": "ALL",
      "default_check_frequency": 0,
      "threshold_unit": "string",
      "is_system_template": true,
      "is_auto_create": true,
      "thresholds": [
        0
      ],
      "operator": ">",
      "high_threshold_value": "string",
      "medium_threshold_value": "string",
      "low_threshold_value": "string",
      "info_sql": "string",
      "probes": [

```

```

{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ],
  "internal_name": "string"
}
]
}
]
}

```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the alert template export.
skip_overwrite	boolean	false	none	Whether existing alert template can be skipped
skip_overwrite_probe	boolean	false	none	Whether existing dependant probes can be skipped
alert_templates	[AlertImportExportTemplate]	false	none	none

AlertTemplate

```

{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
object_type	integer	false	none	
sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
operator	string	false	none	Operator to compare threshold values.
high_threshold_value	string	false	none	High threshold value.
medium_threshold_value	string	false	none	Medium threshold value.

Name	Type	Required	Restrictions	Description
low_threshold_value	string	false	none	Low threshold value.
info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

AlertHistory

```
{
  "alert_id": 0,
  "state": "High",
  "value": "string",
  "actual_value": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_id	integer	false	none	Alert ID
state	string	false	none	State
value	string	false	none	User presentable value
actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

ServerStatus

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "number_connections": 0,
  "remote_monitoring": true,
  "agent_id": 0,
  "sessions": {
    "last_recorded_time": 0,
    "sessions": [
      {
        "database_name": "string",
        "procpid": 0,
        "username": "string",
        "backend_start": 0,
        "xact_start": 0,
        "query_start": 0,
        "is_waiting": true,
        "is_idle": true,
        "is_idle_in_transaction": true,
        "is_vacuum": true,
        "is_autovacuum": true,
        "client_addr": "string",
        "client_port": 0,
        "memory_usage_mb": 0,
        "swap_usage_mb": 0,
        "cpu_usage": 0,
        "io_read_bytes": 0,
        "io_write_bytes": 0,
        "state": "string",
        "state_change": 0
      }
    ]
  }
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server ID

Name	Type	Required	Restrictions	Description
name	string	false	none	Server name
group_id	integer	false	none	Group ID under which database server is visible to the user
group_name	string	false	none	Group name
blackout	boolean	false	none	Status of the alert blackout for the database server
status	string	false	none	Server status can be UP, DOWN, UNKNOWN, or UNMANAGED,
alerts	object	false	none	List of alert configured for the database server and it's status and how many are acknowledged
» total	integer	false	none	Number of alerts configured for the database server
» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
» high	integer	false	none	Number of alerts with state as 'High'
» medium	integer	false	none	Number of alerts with state as 'Medium'
» low	integer	false	none	Number of alerts with state as 'Low'
» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
version	string	false	none	Current version of the database server
number_connections	integer	false	none	Number of connections on the database servers
remote_monitoring	boolean	false	none	Whether the database server is being monitored remotely by the pemAgent
agent_id	integer	false	none	Agent ID, which is monitoring the database server
sessions	object	false	none	All the session information for the daabase servers
» last_recorded_time	number	false	none	Unix time representing the last session information recorded time
» sessions	[object]	false	none	List of all the session information for the database server
»» database_name	string	false	none	Database name
»» procpid	integer	false	none	Process ID
»» username	string	false	none	User name
»» backend_start	number	false	none	Unix time representing the session start time
»» xact_start	number	false	none	Unix time representing the transaction start time
»» query_start	number	false	none	Unix time representing the query start time (if any running)
»» is_waiting	boolean	false	none	Is the sesion waiting?
»» is_idle	boolean	false	none	Is the session idle?
»» is_idle_in_transaction	boolean	false	none	Is the session idle in a transaction?
»» is_vacuum	boolean	false	none	Is this a VACUUM session?
»» is_autovacuum	boolean	false	none	Is this a AUTO VACUUM session?
»» client_addr	string	false	none	Host address for the client of the session
»» client_port	integer	false	none	Client port for the session

Name	Type	Required	Restrictions	Description
»» memory_usage_mb	number	false	none	Memory usage (in MB) of the session (available only when monitored locally)
»» swap_usage_mb	number	false	none	Swap memory usage (in MB) of the session (available only when monitored locally)
»» cpu_usage	number	false	none	CPU Usage (in percentage) of the session (available only when monitored locally)
»» io_read_bytes	number	false	none	I/O Read (in bytes) of the session (available only when monitored locally)
»» io_write_bytes	number	false	none	I/O Write (in bytes) of the session (available only when monitored locally)
»» state	string	false	none	Current state of the session (idle, active, idle in transaction, etc)
»» state_change	number	false	none	Unix time representing the last state change time of the session

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN
status	UNMANAGED

AgentStatus

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "processes": 0,
  "threads": 0,
  "cpu_utilization": 0,
  "memory_utilization": 0,
  "swap_utilization": 0,
  "disk_utilization": 0
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Agent ID
name	string	false	none	Agent name
group_id	integer	false	none	Group ID under which Agent is visible to the user
group_name	string	false	none	Group name
blackout	boolean	false	none	Enabled/Disabled alert blackout for the agent
status	string	false	none	Agent status can be UP, DOWN, or UNKNOWN
alerts	object	false	none	List of alert configured for the agent and it's status and how many are acknowledged
» total	integer	false	none	Number of alerts configured for the agent
» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
» high	integer	false	none	Number of alerts with state as 'High'
» medium	integer	false	none	Number of alerts with state as 'Medium'
» low	integer	false	none	Number of alerts with state as 'Low'
» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
version	string	false	none	Current version of the agent
processes	integer	false	none	Number of processes running

Name	Type	Required	Restrictions	Description
threads	integer	false	none	Number of threads for all the running processes
cpu_utilization	number	false	none	CPU utilization (Percentage)
memory_utilization	number	false	none	Memory utilization (Percentage)
swap_utilization	number	false	none	Swap memory utilization (Percentage)
disk_utilization	number	false	none	Overall disk utilization (Percentage)

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN

AlertStatus

```
{
  "alert_since": "string",
  "alert_id": 0,
  "alert_name": "string",
  "alert_state": "High",
  "value": "string",
  "object_description": "string",
  "server_id": 0,
  "agent_id": 0,
  "database": "string",
  "schema": "string",
  "package": "string",
  "object": "string",
  "alert_target_level": "Global",
  "last_processed": "string",
  "info": "string",
  "info_cols": [
    "string"
  ],
  "info_vals": [
    [
      "string"
    ]
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_since	string	false	none	Unix Time at which alert state has last changed.
alert_id	integer	false	none	Alert internal identification number
alert_name	string	false	none	Name of the alert.

Name	Type	Required	Restrictions	Description
alert_state	string	false	none	Current state of the alert. 'null' value suggested alert threshold values has not been violated for the alert at the moments.
value	string	false	none	Current value of the alert
object_description	string	false	none	Monitoring object description/name
server_id	integer	false	none	null or ID of the server
agent_id	integer	false	none	null or ID of the agent
database	string	false	none	null or name of the database
schema	string	false	none	null or name of the schema/namespace
package	string	false	none	null or name of the EDB package
object	string	false	none	null or name of any other type of object
alert_target_level	string	false	none	Alert target level
last_processed	string	false	none	String representing unix time at which the alert has been processed
info	string	false	none	Some information at the time of alert generated
info_cols	[string]	false	none	Array of column names for the information
info_vals	[array]	false	none	Detailed information associated with the alert in the form of table (array of array)

Enumerated Values

Property	Value
alert_state	High
alert_state	Medium
alert_state	Low
alert_target_level	Global
alert_target_level	Agent
alert_target_level	Server
alert_target_level	Database
alert_target_level	Schema
alert_target_level	Table
alert_target_level	Index
alert_target_level	Sequence
alert_target_level	Function
alert_target_level	View

CustomProbes

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Identifier for a probe.
probe_name	string	false	none	Name of the probe.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
internal_name	string	false	none	<p>Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.</p>
is_system_probe	boolean	false	none	<p>Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.</p>
any_server_version	boolean	false	none	<p>Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.</p>

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_id	integer	false	none	Identifier of the column
» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
» pc_data_type	string	false	none	numeric
				real
				text
				text[]
				timestamp
				timestampz
» pc_internal_name	string	false	none	Returns the internal name of the column.
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_position	integer	false	none	Returns the position of the column in the internal table.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbeExportData

```
{
  "probes": [
    0
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
probes	[integer]	false	none	List of the probe ids for the custom probes

CustomProbeImportData

```

{
  "version": 1,
  "skip_overwrite": true,
  "probes": [
    {
      "probe_name": "string",
      "collection_method": "w",
      "enabled": true,
      "target_type": 0,
      "any_server_version": true,
      "interval": 0,
      "lifetime": 0,
      "discard_history": true,
      "platform": "string",
      "probe_code": "string",
      "probe_columns": [
        {
          "pc_name": "string",
          "pc_data_type": "bigint",
          "pc_unit": "string",
          "pc_col_type": "m",
          "pc_graphable": true,
          "pc_calc_pit": true,
          "pc_pit_default": true
        }
      ],
      "alternate_code": [
        {
          "server_version_id": 0,
          "server_probe_code": "string"
        }
      ],
      "internal_name": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the probe export.
skip_overwrite	boolean	false	none	Whether existing probes can be skipped
probes	[CustomProbeImportPostData]	false	none	none

CustomProbeImportPostData

```

{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ],
  "internal_name": "string"
}

```

Properties

allOf

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	CustomProbePostData	false	none	none

and

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	object	false	none	none
» internal_name	string	false	none	Internal name of the probe from the system where probe was exported.

CustomProbePostData

```

{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
probe_name	string	false	none	Name of the probe.

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
enabled	boolean	false	none	<p>Defines whether the probe is enabled/disabled by default.</p>
target_type	integer	false	none	<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> A probe with target_type 100 is responsible for collecting statistics for an agent. A probe with target_type 200 is responsible for collecting statistics for a monitored server. A probe with target_type 300 is responsible for collecting statistics for a database. A probe with target_type 400 is responsible for collecting statistics for a schema. A probe with target_type 500 is responsible for collecting statistics for a table. A probe with target_type 600 is responsible for collecting statistics for an index. A probe with target_type 700 is responsible for collecting statistics for a sequence. A probe with target_type 800 is responsible for collecting statistics for a function. A probe with target_type 900 is responsible for collecting statistics for a view.

Name	Type	Required	Restrictions	Description
any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none

Name	Type	Required	Restrictions	Description
» pc_name	string	false	none	Name of the column
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
» pc_data_type	string	false	none	numeric
				real
				text
				text[]
				timestamp
				timestampz
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal

Property	Value
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePutData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	object	false	none	none
» changed	object	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
alternate_code	object	false	none	none
» changed	[AlternateServerProbeCode]	false	none	List of the changed alternate probe code for some server version.
» deleted	[DeletedAlternateServerProbeCode]	false	none	List of the delete alternate probe code for some server versions.
» added	[AlternateServerProbeCode]	false	none	List of the alternate probe code added for some server versions.

Probes

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Unique id of the probe.
probe_name	string	false	none	Name of the probe.
default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
default_lifetime	integer	false	none	Defines the default history data retention time (in days).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				Defines return target type value.
target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

ProbeConfigData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Probe execution frequency (in minutes). Allowed interval value (in minutes) is 0-2880 minutes. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
interval_sec	integer	false	none	Probe execution frequency (in seconds). Allowed interval value (in seconds) is 0-59 seconds. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
lifetime	integer	false	none	Probe history data retention period (in days). i.e. $1 \geq \text{lifetime} \geq 365$.
enabled	boolean	false	none	Enable/Disable probe for the given object.

CopyAgentData

```
{
  "type": "string",
  "agent_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

CopyServerData

```
{
  "type": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none

CopyDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none

CopySchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none

CopyAlertAgentData

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertServerData

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertTableData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "table"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
table_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertIndexData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "index"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
index_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertFunctionData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "function"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
function_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSequenceData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "sequence"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
sequence_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

Agent

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Returns the list of the objects, which contains the agent information, version, capabilities, and details about the host on which it has been installed.

For example:

```
\
[
  {
    /* Agent information */
    "id": 1,
    "gid": 0,
    "name": "Postgres Enterprise Manager Host"
    "version": "6.0.1",
    "active": True,
    "heartbeat_int": 30,
    "alert_blackout": False,
    "owner": "postgres",
    "team": None,

    /* Deatils about the Host, on which it is installed */
    "operating_sys": "Ubuntu 12.04.5 LTS",
    "host_name": "akshay-ubuntu",

    "boot_time": "2016-09-19 12:28:27+05:30",
    "domain_name": "(none)",
    "window_domain": None,

    /* Agent capabilities */
    "capability_list": "unix, getloadavg, disk_space, memory_usage, cpu_usage, network_
os_statistics, os_info, slony_replication, auto_discover_servers, allow_server_restar

    /* Monitored servers */
    "server_bind": "Postgres Enterprise Manager Server, PostgreSQL 9.3, PostgreSQL 9.4"
  }
]
```

a

Properties

Name	Type	Required	Restrictions	Description
id	integer	true	none	Identity of the pem-agent
name	string	true	none	Description (name) of the agent.
version	string	true	none	Version of the pem-agent
active	boolean	true	none	Whether the agent is active, or not. An active agent is responsible for collecting the statistics for the host, and the monitored server..
heartbeat_int	integer	true	none	heartbeat interval (in seconds) for the agent. How frequently the agent will send the heartbeat status to the PEM database server about itself, and the monitoring database server.
alert_blackout	boolean	true	none	Flag to indicates about the alert blacked out for the agent
owner	string	true	none	Username, using whom the agent was installed, is called owner.
team	string	true	none	Name of the role/user, who can see this agent. null/empty value suggest, all user can see this agent.
group	integer	false	none	Identity of the group

Server

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server id
name	string	false	none	Server name
host	string	false	none	Server host
port	integer	false	none	Server port
database	string	false	none	Maintenance databse
ssl	integer	false	none	SSL mode

Name	Type	Required	Restrictions	Description
serviceid	string	false	none	Server service id
active	boolean	false	none	Defines whether the server is active, or not.
alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
owner	integer	false	none	ID of the owner, who registered the server with PEM.
team	string	false	none	Defines the role/username, who can see the server information.
server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
efm_cluster_name	string	false	none	Cluster name of EFM
efm_service_name	string	false	none	Service name of EFM
efm_installation_path	string	false	none	Installation Path of EFM
comment	string	false	none	Description about the Server.
username	string	false	none	Username for connecting the database server.
gid	integer	false	none	ID of the Server group
db_restriction	string	false	none	Database restriction SQL clause
role	string	false	none	The role the connection will use
is_edb	boolean	false	none	Is server an EDB Advanced Server?
agent_id	integer	false	none	Agent id bound to the server
asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
asb_database	string	false	none	PEM database to which agent will connect.
asb_sslmode	string	false	none	PEM database ssl mode.
asb_password	string	false	none	empty string.
asb_allowtakeover	string	false	none	Whether server allowed to take over by another agent.
agent_capability_list	[string]	false	none	Array of capabilities the agent has
agent_description	string	false	none	Agent description
fgcolor	string	false	none	Foreground color of server node in browser tree
bgcolor	string	false	none	Background color of server node in browser tree
sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

Database

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
database_name	string	false	none	Database name
connections_allowed	boolean	false	none	Is connection to database allowed
system_database	boolean	false	none	Is database system database
recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
encoding	string	false	none	Database encoding
server_id	integer	false	none	Server id of database

Schema

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name of schema
server_id	integer	false	none	Server id schmea
recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

Table

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
table_name	string	false	none	Table name
schema_name	string	false	none	schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
has_primary_key	boolean	false	none	Weather table has primary key
recorded_time	string	false	none	When table was first detected by PEM agent

Index

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
index_name	string	false	none	Index name
ind_keys	[integer]	false	none	indexed column positions in table
table_name	string	false	none	Table name
schema_name	string	false	none	Schema
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string	false	none	When index was first detected by PEM agent

Sequence

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
sequence_name	string	false	none	Sequence name
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

Function

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
function_name	string	false	none	Function name
function_type	string	false	none	Function type
return_type	string	false	none	Function return type
arg_types	[string]	false	none	Function argument types
function_binary	string	false	none	none
extension_name	string	false	none	none
package_name	string	false	none	Function package name
schema_name	string	false	none	Function schema
database_name	string	false	none	Function database name
server_id	integer	false	none	Function server id
recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

View

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
view_name	string	false	none	View name
view_type	string	false	none	View type
ispopulated	boolean	false	none	Is view populated
view_owner	string	false	none	View owner
definition	string	false	none	View definition
tablespace_name	string	false	none	View tablespace
schema_name	string	false	none	View schema
database_name	string	false	none	View database
server_id	integer	false	none	View server id
recorded_time	string	false	none	When view was first detected by PEM agent

Webhook

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_id": 0,
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Webhook id
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method
http_headers	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
payload_template	string	false	none	Payload template
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookPostData

```
{
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method

Name	Type	Required	Restrictions	Description
http_headers	[WebhookHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
payload_template	string	false	none	Payload template
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookPutData

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": {
    "added": [
      {
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "changed": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "deleted": [
      {
        "http_header_id": 0
      }
    ]
  },
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
id	integer	false	none	Webhook id
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method
http_headers	object	false	none	none
» added	[WebhookHTTPHeaders]	false	none	List of the http header key/value pair to be added.
» changed	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be updated.
» deleted	[object]	false	none	List of the http headerids to be deleted.
»» http_header_id	integer	false	none	ID of the http header
payload_template	string	false	none	Payload template
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookGetHTTPHeaders

```
{
  "http_header_id": 0,
  "http_header_key": "string",
  "http_header_value": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
http_header_id	integer	false	none	ID of the http header
http_header_key	string	false	none	Name of the http header key
http_header_value	string	false	none	Name of the http header key

WebhookHTTPHeaders

```
{
  "http_header_key": "string",
  "http_header_value": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
http_header_key	string	false	none	Name of the http header key
http_header_value	string	false	none	Name of the http header key

EmailGroups

```
{
  "id": 0,
  "oid": 0,
  "gid": 0,
  "name": "string",
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Email group id
oid	integer	false	none	Email group options id
gid	integer	false	none	Email group id
name	string	false	none	Email group name
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members
to_time	string	false	none	Email group options to time to select time range for members

EmailGroupsPostData

```

{
  "name": "string",
  "options": [
    {
      "to_addr": "string",
      "cc_addr": "string",
      "bcc_addr": "string",
      "from_addr": "string",
      "reply_to_addr": "string",
      "subject_prefix": "string",
      "from_time": "string",
      "to_time": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Email group name
options	EmailGroupOptions	false	none	List of the email group options to be used by the email group.

EmailGroupsPutData

```

{
  "id": 0,
  "name": "string",
  "options": {
    "added": [
      {
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "changed": [
      {
        "oid": 0,
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "deleted": [
      {
        "oid": 0
      }
    ]
  }
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Email group id
name	string	false	none	Email group name
options	object	false	none	none
» added	[EmailGroupOptions]	false	none	Email group options to be added.
» changed	[EmailGroupOptionsChanged]	false	none	Email group options to be updated.
» deleted	[object]	false	none	List of the http headerids to be deleted.
»» oid	integer	false	none	Email group options ID

EmailGroupOptions

```
{
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members
to_time	string	false	none	Email group options to time to select time range for members

EmailGroupOptionsChanged

```
{
  "oid": 0,
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
oid	integer	false	none	Email group options ID
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members

Name	Type	Required	Restrictions	Description
to_time	string	false	none	Email group options to time to select time range for members

ExcludeDatabases

```
{
  "server_id": 0,
  "name": "string",
  "exclude_databases": [
    "string"
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
server_id	integer	false	none	Server id
name	string	false	none	Server name
exclude_databases	[string]	false	none	Exclude database names(Comma separated)

ExcludeDatabasesPutData

```
{
  "exclude_databases": [
    "string"
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
exclude_databases	[string]	false	none	Exclude database names(Comma separated)

8 EDB Postgres Enterprise Manager REST APIs v7.0

NOTE:

- EDB Postgres Enterprise Manager *is referred as* PEM *in this documentation.*
- PEM *uses self-certified SSL certificates, hence - you may get error like 'SSL certificate problem: self signed certificate'. You may need to use the 'insecure' connection to connect to the server.*

PEM exposes end-points (REST APIs) for the following operations:

- Retrieval of the objects retrieved from the monitored server, and agents.
- Create, Retrieve, Update, and Delete (CRUD) operations for probes.
- Retrieval of the statistics/metrics data (including the historical data) collected by different probes.
- Create, Retrieve, Update, and Delete (CRUD) operations for alerts.
- Create, Retrieve, Update, and Delete (CRUD) operations for email group used by the alerts mechanism.
- Create, Retrieve, Update, and Delete (CRUD) operations for alert templates used by the alerts.
- Retrieval, and Update of the probe configuration.
- Copy the agents/servers/database/schema level probe configurations to other same level, or lower level objects.
- Copy the alert configuration of one object to other objects.
- Retrieval, and Update the PEM-server configurations.

Base URLs:

- [/api/v7](#)

Email: [EnterpriseDB](#) Web: [EnterpriseDB](#) License: [Limited Use Software License Agreement](#)

Object

Object can be an pem-agent, a monitored server, or a database object (i.e. database, schema, table, index, sequence, function, view).

Retrieve of the pem-agent information

Code samples

GET [/agent/](#)

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response


```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Agent

This operation does not require authentication

Retrieve the information for the agent, identified by the `agent_id`.

Code samples

```
GET /agent/{agent_id}
```

Parameters

Name	In	Type	Required	Description
<code>agent_id</code>	path	integer	true	none
<code>X-Auth-Token</code>	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Agent

This operation does not require authentication

Update the agent information

Code samples

```
PUT /agent/{agent_id}
```

Body parameter

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	Agent	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the agent by PEM.

Code samples

```
DELETE /agent/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieval of the managed server list

Code samples

GET /server/

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "host": "string",
    "port": 0,
    "database": "string",
    "ssl": 0,
    "serviceid": "string",
    "active": true,
    "alert_blackout": true,
    "owner": 0,
    "team": "string",
    "server_owner": "string",
    "is_remote_monitoring": true,
    "efm_cluster_name": "string",
    "efm_service_name": "string",
    "efm_installation_path": "string",
    "comment": "string",
    "username": "string",
    "gid": 0,
    "db_restriction": "string",
    "role": "string",
    "is_edb": true,
    "agent_id": 0,
    "asb_host": "string",
    "asb_port": 0,
    "asb_username": "string",
    "asb_database": "string",
    "asb_sslmode": "string",
    "asb_password": "string",
    "asb_allowtakeover": "string",
    "agent_capability_list": [
      "string"
    ],
    "agent_description": "string",
    "fgcolor": "string",
    "bgcolor": "string",
    "sslcompression": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Server]	false	none	none
» id	integer	false	none	Server id
» name	string	false	none	Server name
» host	string	false	none	Server host
» port	integer	false	none	Server port
» database	string	false	none	Maintenance databse
» ssl	integer	false	none	SSL mode
» serviceid	string	false	none	Server service id
» active	boolean	false	none	Defines whether the server is active, or not.
» alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
» owner	integer	false	none	ID of the owner, who registered the server with PEM.
» team	string	false	none	Defines the role/username, who can see the server information.
» server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
» is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
» efm_cluster_name	string	false	none	Cluster name of EFM
» efm_service_name	string	false	none	Service name of EFM
» efm_installation_path	string	false	none	Installation Path of EFM
» comment	string	false	none	Description about the Server.
» username	string	false	none	Username for connecting the database server.
» gid	integer	false	none	ID of the Server group
» db_restriction	string	false	none	Database restriction SQL clause
» role	string	false	none	The role the connection will use
» is_edb	boolean	false	none	Is server an EDB Advanced Server?
» agent_id	integer	false	none	Agent id bound to the server
» asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
» asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
» asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.

Name	Type	Required	Restrictions	Description
» asb_database	string	false	none	PEM database to which agent will connect.
» asb_sslmode	string	false	none	PEM database ssl mode.
» asb_password	string	false	none	empty string.
» asb_allowtakeover	string	false	none	Whether server allowed to take over by another agent.
» agent_capability_list	[string]	false	none	Array of capabilities the agent has
» agent_description	string	false	none	Agent description
» fgcolor	string	false	none	Foreground color of server node in browser tree
» bgcolor	string	false	none	Background color of server node in browser tree
» sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

This operation does not require authentication

Add a new managed database server.

Code samples

POST /server/

Body parameter

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the information for the server, identified by the `server_id`.

Code samples

```
GET /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
<code>server_id</code>	path	string	true	none
<code>X-Auth-Token</code>	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Created successfully	Server

This operation does not require authentication

Update the server information

Code samples

PUT /server/{server_id}

Body parameter

```
{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	Server	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Updated successfully.	None

Response Schema

This operation does not require authentication

Stop managing the server by PEM.

Code samples

```
DELETE /server/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Retrieve the list of properties of database(s) for a managed server.

Code samples

```
GET /server/{sid}/database/
```

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
sid	path	integer	true	Server ID

Example responses

200 Response

```
[
  {
    "database_name": "string",
    "connections_allowed": true,
    "system_database": true,
    "recorded_time": "2019-08-24T14:15:22Z",
    "encoding": "string",
    "server_id": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Database]	false	none	none
» database_name	string	false	none	Database name
» connections_allowed	boolean	false	none	Is connection to database allowed
» system_database	boolean	false	none	Is database system database
» recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
» encoding	string	false	none	Database encoding
» server_id	integer	false	none	Server id of database

This operation does not require authentication

Retrieve the properties of the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Database

This operation does not require authentication

Retrieve the list of properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Schema]	false	none	none
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name of schema
» server_id	integer	false	none	Server id schmea
» recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of schema(s) for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Schema

This operation does not require authentication

Retrieve the list of properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "has_primary_key": true,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Table]	false	none	none
» table_name	string	false	none	Table name
» schema_name	string	false	none	schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» has_primary_key	boolean	false	none	Weather table has primary key
» recorded_time	string	false	none	When table was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of tables resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/table/{table_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
table_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Table

This operation does not require authentication

Retrieve the list of properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "index_name": "string",
    "ind_keys": [
      0
    ],
    "table_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Index]	false	none	none
» index_name	string	false	none	Index name
» ind_keys	[integer]	false	none	indexed column positions in table
» table_name	string	false	none	Table name
» schema_name	string	false	none	Schema
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string	false	none	When index was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of indexes resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/index/{index_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
index_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Index

This operation does not require authentication

Retrieve the list of properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "sequence_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Sequence]	false	none	none
» sequence_name	string	false	none	Sequence name
» schema_name	string	false	none	Schema name
» database_name	string	false	none	Database name
» server_id	integer	false	none	Server id
» recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of sequences resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/sequence/{sequence_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
sequence_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Sequence

This operation does not require authentication

Retrieve the list of properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "view_name": "string",
    "view_type": "string",
    "ispopulated": true,
    "view_owner": "string",
    "definition": "string",
    "tablespace_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[View]	false	none	none
» view_name	string	false	none	View name
» view_type	string	false	none	View type
» ispopulated	boolean	false	none	Is view populated
» view_owner	string	false	none	View owner
» definition	string	false	none	View definition
» tablespace_name	string	false	none	View tablespace
» schema_name	string	false	none	View schema
» database_name	string	false	none	View database
» server_id	integer	false	none	View server id
» recorded_time	string	false	none	When view was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of views resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/view/{view_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
view_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	View

This operation does not require authentication

Retrieve the list of properties of functions resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "function_name": "string",
    "function_type": "string",
    "return_type": "string",
    "arg_types": [
      "string"
    ],
    "function_binary": "string",
    "extension_name": "string",
    "package_name": "string",
    "schema_name": "string",
    "database_name": "string",
    "server_id": 0,
    "recorded_time": "2019-08-24T14:15:22Z"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Function]	false	none	none
» function_name	string	false	none	Function name
» function_type	string	false	none	Function type
» return_type	string	false	none	Function return type
» arg_types	[string]	false	none	Function argument types
» function_binary	string	false	none	none
» extension_name	string	false	none	none
» package_name	string	false	none	Function package name
» schema_name	string	false	none	Function schema
» database_name	string	false	none	Function database name
» server_id	integer	false	none	Function server id
» recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

This operation does not require authentication

Retrieve the properties of function resides under a schema for the particular database of a managed server.

Code samples

```
GET /server/{sid}/database/{db_name}/schema/{schema_name}/function/{function_name}
```

Parameters

Name	In	Type	Required	Description
sid	path	integer	true	Server ID
db_name	path	string	true	Database name
schema_name	path	string	true	Schema name
function_name	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Function

This operation does not require authentication

Monitored Object Status

Retrieve of the status of all the visible pem-agent

Code samples

GET /agent/status/

It returns the list of the information, and status for the pem-agents visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "group_id": 0,
    "group_name": "string",
    "blackout": true,
    "status": "UP",
    "alerts": {
      "total": 0,
      "acknowledged": 0,
      "high": 0,
      "medium": 0,
      "low": 0,
      "high_acknowledged": 0,
      "medium_acknowledged": 0,
      "low_acknowledged": 0
    },
    "version": "string",
    "processes": 0,
    "threads": 0,
    "cpu_utilization": 0,
    "memory_utilization": 0,
    "swap_utilization": 0,
    "disk_utilization": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the pem-agents.	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AgentStatus]	false	none	none
» id	integer	false	none	Agent ID
» name	string	false	none	Agent name
» group_id	integer	false	none	Group ID under which Agent is visible to the user
» group_name	string	false	none	Group name
» blackout	boolean	false	none	Enabled/Disabled alert blackout for the agent
» status	string	false	none	Agent status can be UP, DOWN, or UNKNOWN
» alerts	object	false	none	List of alert configured for the agent and it's status and how many are acknowledged
»» total	integer	false	none	Number of alerts configured for the agent
»» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
»» high	integer	false	none	Number of alerts with state as 'High'
»» medium	integer	false	none	Number of alerts with state as 'Medium'
»» low	integer	false	none	Number of alerts with state as 'Low'
»» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
»» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
»» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
» version	string	false	none	Current version of the agent
» processes	integer	false	none	Number of processes running
» threads	integer	false	none	Number of threads for all the running processes
» cpu_utilization	number	false	none	CPU utilization (Percentage)
» memory_utilization	number	false	none	Memory utilization (Percentage)
» swap_utilization	number	false	none	Swap memory utilization (Percentage)
» disk_utilization	number	false	none	Overall disk utilization (Percentage)

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN

This operation does not require authentication

Retrieve of the status of the pem-agent, identified by the agent_id.

Code samples

```
GET /agent/status/{agent_id}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "processes": 0,
  "threads": 0,
  "cpu_utilization": 0,
  "memory_utilization": 0,
  "swap_utilization": 0,
  "disk_utilization": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AgentStatus
400	Bad Request	Agent not found or visible to the user	None

Response Schema

This operation does not require authentication

Retrieve of the status of all the visible database server

Code samples

```
GET /server/status/
```

It returns the list of the information, and status for the database servers visible to the user (represented by the token).

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token for authentication purpose

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "group_id": 0,
    "group_name": "string",
    "blackout": true,
    "status": "UP",
    "alerts": {
      "total": 0,
      "acknowledged": 0,
      "high": 0,
      "medium": 0,
      "low": 0,
      "high_acknowledged": 0,
      "medium_acknowledged": 0,
      "low_acknowledged": 0
    },
    "version": "string",
    "number_connections": 0,
    "remote_monitoring": true,
    "agent_id": 0,
    "sessions": {
      "last_recorded_time": 0,
      "sessions": [
        {
          "database_name": "string",
          "procpid": 0,
          "username": "string",
          "backend_start": 0,
          "xact_start": 0,
          "query_start": 0,
          "is_waiting": true,
          "is_idle": true,
          "is_idle_in_transaction": true,
          "is_vacuum": true,
          "is_autovacuum": true,
          "client_addr": "string",
          "client_port": 0,
          "memory_usage_mb": 0,
          "swap_usage_mb": 0,
          "cpu_usage": 0,
          "io_read_bytes": 0,
          "io_write_bytes": 0,
          "state": "string",
          "state_change": 0
        }
      ]
    }
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Returns the list of information, and status about the database servers.	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[ServerStatus]	false	none	none
» id	integer	false	none	Server ID
» name	string	false	none	Server name
» group_id	integer	false	none	Group ID under which database server is visible to the user
» group_name	string	false	none	Group name
» blackout	boolean	false	none	Status of the alert blackout for the database server
» status	string	false	none	Server status can be UP, DOWN, UNKNOWN, or UNMANAGED,
» alerts	object	false	none	List of alert configured for the database server and it's status and how many are acknowledged
»» total	integer	false	none	Number of alerts configured for the database server
»» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
»» high	integer	false	none	Number of alerts with state as 'High'
»» medium	integer	false	none	Number of alerts with state as 'Medium'
»» low	integer	false	none	Number of alerts with state as 'Low'
»» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
»» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
»» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
» version	string	false	none	Current version of the database server
» number_connections	integer	false	none	Number of connections on the database servers
» remote_monitoring	boolean	false	none	Whether the database server is being monitored remotely by the pemAgent
» agent_id	integer	false	none	Agent ID, which is monitoring the database server
» sessions	object	false	none	All the session information for the daabase servers
»» last_recorded_time	number	false	none	Unix time representing the last session information recorded time
»» sessions	[object]	false	none	List of all the session information for the database server
»»» database_name	string	false	none	Database name
»»» procpid	integer	false	none	Process ID
»»» username	string	false	none	User name

Name	Type	Required	Restrictions	Description
»»»» backend_start	number	false	none	Unix time representing the session start time
»»»» xact_start	number	false	none	Unix time representing the transaction start time
»»»» query_start	number	false	none	Unix time representing the query start time (if any running)
»»»» is_waiting	boolean	false	none	Is the session waiting?
»»»» is_idle	boolean	false	none	Is the session idle?
»»»» is_idle_in_transaction	boolean	false	none	Is the session idle in a transaction?
»»»» is_vacuum	boolean	false	none	Is this a VACUUM session?
»»»» is_autovacuum	boolean	false	none	Is this a AUTO VACUUM session?
»»»» client_addr	string	false	none	Host address for the client of the session
»»»» client_port	integer	false	none	Client port for the session
»»»» memory_usage_mb	number	false	none	Memory usage (in MB) of the session (available only when monitored locally)
»»»» swap_usage_mb	number	false	none	Swap memory usage (in MB) of the session (available only when monitored locally)
»»»» cpu_usage	number	false	none	CPU Usage (in percentage) of the session (available only when monitored locally)
»»»» io_read_bytes	number	false	none	I/O Read (in bytes) of the session (available only when monitored locally)
»»»» io_write_bytes	number	false	none	I/O Write (in bytes) of the session (available only when monitored locally)
»»»» state	string	false	none	Current state of the session (idle, active, idle in transaction, etc)
»»»» state_change	number	false	none	Unix time representing the last state change time of the session

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN
status	UNMANAGED

This operation does not require authentication

Retrieve of the status of the database server, identified by the `server_id`.

Code samples

```
GET /server/status/{server_id}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "number_connections": 0,
  "remote_monitoring": true,
  "agent_id": 0,
  "sessions": {
    "last_recorded_time": 0,
    "sessions": [
      {
        "database_name": "string",
        "procpid": 0,
        "username": "string",
        "backend_start": 0,
        "xact_start": 0,
        "query_start": 0,
        "is_waiting": true,
        "is_idle": true,
        "is_idle_in_transaction": true,
        "is_vacuum": true,
        "is_autovacuum": true,
        "client_addr": "string",
        "client_port": 0,
        "memory_usage_mb": 0,
        "swap_usage_mb": 0,
        "cpu_usage": 0,
        "io_read_bytes": 0,
        "io_write_bytes": 0,
        "state": "string",
        "state_change": 0
      }
    ]
  }
}

```

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful response	ServerStatus
400	Bad Request	server not found or visible to the user	None

Response Schema

This operation does not require authentication

Alerts History

get__alert_history__

Code samples

```
GET /alert/history/
```

Gets the state change history of all the alerts.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_agent_{agent_id}

Code samples

```
GET /alert/history/agent/{agent_id}
```

Gets the state change history of all the alerts for the agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Valid Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_server_{server_id}

Code samples

```
GET /alert/history/server/{server_id}
```

Gets the state change history of all the alerts for the database server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Valid Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

get__alert_history_server_{server_id}database{database_name}

Code samples

```
GET /alert/history/server/{server_id}/database/{database_name}
```

Gets the state change history of all the alerts for the database of the databae server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Valid Server ID
database_name	path	string	true	Database name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_id": 0,
    "state": "High",
    "value": "string",
    "actual_value": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertHistory]	false	none	none
» alert_id	integer	false	none	Alert ID
» state	string	false	none	State
» value	string	false	none	User presentable value
» actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

This operation does not require authentication

Alerts Status

get__alert_status_

Code samples

```
GET /alert/status/
```

Gets the current status of all the alerts.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "alert_since": "string",
    "alert_id": 0,
    "alert_name": "string",
    "alert_state": "High",
    "value": "string",
    "object_description": "string",
    "server_id": 0,
    "agent_id": 0,
    "database": "string",
    "schema": "string",
    "package": "string",
    "object": "string",
    "alert_target_level": "Global",
    "last_processed": "string",
    "info": "string",
    "info_cols": [
      "string"
    ],
    "info_vals": [
      [
        "string"
      ]
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertStatus]	false	none	none
» alert_since	string	false	none	Unix Time at which alert state has last changed.
» alert_id	integer	false	none	Alert internal identification number
» alert_name	string	false	none	Name of the alert.
» alert_state	string	false	none	Current state of the alert. 'null' value suggested alert threshold values has not been violated for the alert at the moments.
» value	string	false	none	Current value of the alert
» object_description	string	false	none	Monitoring object description/name
» server_id	integer	false	none	null or ID of the server
» agent_id	integer	false	none	null or ID of the agent
» database	string	false	none	null or name of the database
» schema	string	false	none	null or name of the schema/namespace
» package	string	false	none	null or name of the EDB package
» object	string	false	none	null or name of any other type of object
» alert_target_level	string	false	none	Alert target level
» last_processed	string	false	none	String representing unix time at which the alert has been processed
» info	string	false	none	Some information at the time of alert generated
» info_cols	[string]	false	none	Array of column names for the information
» info_vals	[array]	false	none	Detailed information associated with the alert in the form of table (array of array)

Enumerated Values

Property	Value
alert_state	High
alert_state	Medium
alert_state	Low
alert_target_level	Global
alert_target_level	Agent
alert_target_level	Server
alert_target_level	Database
alert_target_level	Schema
alert_target_level	Table
alert_target_level	Index
alert_target_level	Sequence
alert_target_level	Function

Property	Value
alert_target_level	View

This operation does not require authentication

get__alert_status_{since}

Code samples

```
GET /alert/status/{since}
```

Gets the list of alerts state changes after the given time

Parameters

Name	In	Type	Required	Description
since	path	number	true	Unix timeline
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "alert_since": "string",
  "alert_id": 0,
  "alert_name": "string",
  "alert_state": "High",
  "value": "string",
  "object_description": "string",
  "server_id": 0,
  "agent_id": 0,
  "database": "string",
  "schema": "string",
  "package": "string",
  "object": "string",
  "alert_target_level": "Global",
  "last_processed": "string",
  "info": "string",
  "info_cols": [
    "string"
  ],
  "info_vals": [
    [
      "string"
    ]
  ]
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertStatus

This operation does not require authentication

Alerts

get__alert_config_global_

Code samples

```
GET /alert/config/global/
```

Gets **Alerts** for global level.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_global_

Code samples

```
POST /alert/config/global/
```

Create **Alert** for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_global_{id}

Code samples

```
GET /alert/config/global/{id}
```

Gets [Alerts](#) for global level by alert_id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_global_{id}

Code samples

```
PUT /alert/config/global/{id}
```

Update `Alert` for global level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_global_{id}

Code samples

```
DELETE /alert/config/global/{id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}

Code samples

```
GET /alert/config/agent/{agent_id}
```

Gets Alerts for agent level by agent_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_agent_{agent_id}

Code samples

```
POST /alert/config/agent/{agent_id}
```

Create **Alert** for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
GET /alert/config/agent/{agent_id}/{alert_id}
```

Gets [Alerts](#) for agent level by agent_id and alert_id.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
PUT /alert/config/agent/{agent_id}/{alert_id}
```

Update `Alert` for agent level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_agent_{agent_id}_{alert_id}

Code samples

```
DELETE /alert/config/agent/{agent_id}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}

Code samples

```
GET /alert/config/server/{server_id}
```

Gets Alerts for server level by server_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}

Code samples

```
POST /alert/config/server/{server_id}
```

Create **Alert** for server level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}_{alert_id}

Code samples

```
GET /alert/config/server/{server_id}/{alert_id}
```

Gets [Alerts](#) for server level by server_id and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

put__alert_config_server_{server_id}_{alert_id}

Code samples

```
PUT /alert/config/server/{server_id}/{alert_id}
```

Update `Alert` for server level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_config_server_{server_id}_{alert_id}

Code samples

```
DELETE /alert/config/server/{server_id}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}
```

Gets Alerts for database level by server_id and database_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}
```

Create **Alert** for database level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Gets [Alerts](#) for database level by server_id, database_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
PUT /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Update `Alert` for database level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}_{alert_id}`

Code samples

```
DELETE /alert/config/server/{server_id}/database/{database_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}`

Code samples

```
GET /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Gets Alerts for schema level by server_id, database_name and schema_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```


Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Create **Alert** for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Gets [Alerts](#) for schema level by server_id, database_name, schema_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert
```

Update `Alert` for schema level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}_{alert_id}`

Code samples

```
DELETE
```

```
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{alert_id}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
--------	---------	-------------	--------

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets Alerts for table level by server_id, database_name, schema_name and table_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Create **Alert** for table level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Gets [Alerts](#) for table level by server_id, database_name, schema_name, table_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table_n`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Update `Alert` for table level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}table{table`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets Alerts for index level by server_id, database_name, schema_name and index_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Create `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Gets [Alerts](#) for index level by server_id, database_name, schema_name, index_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_r`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Update `Alert` for index level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets Alerts for sequence level by server_id, database_name, schema_name and sequence_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.

Name	Type	Required	Restrictions	Description
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

post__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{se

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Create **Alert** for sequence level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Gets [Alerts](#) for sequence level by server_id, database_name, schema_name, sequence_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequen
```

Update `Alert` for sequence level.

Body parameter


```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets Alerts for view level by server_id, database_name, schema_name and view_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.

Name	Type	Required	Restrictions	Description
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Create `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Gets [Alerts](#) for view level by server_id, database_name, schema_name, view_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_na`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Update `Alert` for view level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}view{view_`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

`get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets Alerts for function level by server_id, database_name, schema_name and function_name.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "alert_name": "string",
    "alert_template": 0,
    "description": "string",
    "enabled": true,
    "history_retention": 0,
    "frequency_min": 0,
    "operator": "string",
    "low_threshold_value": 0,
    "medium_threshold_value": 0,
    "high_threshold_value": 0,
    "send_email": true,
    "all_alert_enable": true,
    "email_group_id": 0,
    "low_alert_enable": true,
    "low_email_group_id": 0,
    "med_alert_enable": true,
    "med_email_group_id": 0,
    "high_alert_enable": true,
    "high_email_group_id": 0,
    "send_trap": true,
    "snmp_trap_version": 0,
    "low_send_trap": true,
    "med_send_trap": true,
    "high_send_trap": true,
    "params": [
      {
        "paramname": "string",
        "paramvalue": "string"
      }
    ],
    "execute_script": true,
    "execute_script_on_clear": true,
    "execute_script_on_pem_server": true,
    "script_code": "string",
    "submit_to_nagios": true,
    "override_default_config": true,
    "send_notification": true,
    "low_webhook_ids": [
      0
    ],
    "med_webhook_ids": [
      0
    ],
    "high_webhook_ids": [
      0
    ],
    "cleared_webhook_ids": [
      0
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Alert]	false	none	none
» id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
» alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
» alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	none
» enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
» history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
» frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
» operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
» low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
» send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.

Name	Type	Required	Restrictions	Description
» all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
» email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
» low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
» low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
» med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
» med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
» high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
» high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
» send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
» snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
» low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
» med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
» high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
» params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
»» paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
»» paramvalue	string	false	none	Value for the given parameter

Name	Type	Required	Restrictions	Description
» execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
» execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
» execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
» script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
» submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is chagned.
» override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
» send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
» low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
» med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
» high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
» cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

This operation does not require authentication

`post__alert_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
POST
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Create **Alert** for function level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func

Code samples

```
GET
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Gets [Alerts](#) for function level by server_id, database_name, schema_name, function_name and alert_id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Alert

This operation does not require authentication

`put__alert_config_server_{server_id}database{database_name}schema{schema_name}function{func`

Code samples

```
PUT  
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Update `Alert` for function level.

Body parameter

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertPayload	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`delete__alert_config_server_{server_id}database{database_name}schema{schema_name}function{fu`

Code samples

```
DELETE
/alert/config/server/{server_id}/database/{database_name}/schema/{schema_name}/functi
```

Delete the [Alert](#) object.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
alert_id	path	integer	true	Alert ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Copy Alert

post__alert_copy_agent_{agent_id}

Code samples

```
POST /alert/copy/agent/{agent_id}
```

Copy agent level alert to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}

Code samples

```
POST /alert/copy/server/{server_id}
```

Copy server level alert to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}
```

Copy database level alert to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__alert_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
POST /alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Copy schema level alert to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertSchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Copy table level alert to another table

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertTableData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}index{index_n`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{i
```

Copy index level alert to another index

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertIndexData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}function{funct`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/function
```

Copy function level alert to another function

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertFunctionData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`post__alert_copy_server_{server_id}database{database_name}schema{schema_name}sequence{seq`

Code samples

```
POST
/alert/copy/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Copy sequence level alert to another sequence

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAlertSequenceData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Alert template

get__alert_template_

Code samples

```
GET /alert/template/
```

Gets Alert templates.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "description": "string",
    "default_history_retention": 0,
    "object_type": 0,
    "sql": "string",
    "applicable_on_server": "ALL",
    "default_check_frequency": 0,
    "threshold_unit": "string",
    "is_system_template": true,
    "is_auto_create": true,
    "thresholds": [
      0
    ],
    "operator": ">",
    "high_threshold_value": "string",
    "medium_threshold_value": "string",
    "low_threshold_value": "string",
    "info_sql": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[AlertTemplate]	false	none	none
» id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
» description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
» default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
» object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
» sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
» applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
» default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
» threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
» is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
» is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
» thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
» operator	string	false	none	Operator to compare threshold values.
» high_threshold_value	string	false	none	High threshold value.
» medium_threshold_value	string	false	none	Medium threshold value.
» low_threshold_value	string	false	none	Low threshold value.
» info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

This operation does not require authentication

post__alert_template_

Code samples

POST /alert/template/

Create Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__alert_template_{id}

Code samples

```
GET /alert/template/{id}
```

Gets Alert template identified by the id.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	AlertTemplate

This operation does not require authentication

put__alert_template_{id}

Code samples

```
PUT /alert/template/{id}
```

Update Alert template.

Body parameter

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}
```

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization
body	body	AlertTemplate	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__alert_template_{id}

Code samples

```
DELETE /alert/template/{id}
```

Delete the Alert template.

Parameters

Name	In	Type	Required	Description
id	path	integer	true	Alert Template ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Export Custom Alert Templates

post__alert_custom_export_

Code samples

```
POST /alert/custom/export/
```

Export custom alert templates

Body parameter

```
{
  "alert_templates": [
    0
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomAlertTemplateExportData	true	none

Example responses

200 Response

```
[
  {
    "version": 1,
    "alert_templates": [
      {
        "name": "string",
        "description": "string",
        "reference_id": "string",
        "default_history_retention": 0,
        "object_type": 0,
        "sql": "string",
        "applicable_on_server": "ALL",
        "default_check_frequency": 0,
        "threshold_unit": "string",
        "is_system_template": true,
        "is_auto_create": true,
        "thresholds": [
          0
        ],
        "operator": ">",
        "high_threshold_value": "string",
        "medium_threshold_value": "string",
        "low_threshold_value": "string",
        "info_sql": "string",
        "probes": [
          {
            "probe_name": "string",
            "collection_method": "w",
            "enabled": true,
            "target_type": 0,
            "any_server_version": true,
            "interval": 0,
            "lifetime": 0,
            "discard_history": true,
            "platform": "string",
            "probe_code": "string",
            "probe_columns": [
              {
                "pc_name": "string",
                "pc_data_type": "bigint",
                "pc_unit": "string",
                "pc_col_type": "m",
                "pc_graphable": true,
                "pc_calc_pit": true,
                "pc_pit_default": true
              }
            ],
            "alternate_code": [
              {
                "server_version_id": 0,
                "server_probe_code": "string"
              }
            ]
          }
        ]
      }
    ]
  }
]
```

```

    ],
    "internal_name": "string"
  }
]
}
]
]

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomAlertTemplateExportResponseData]	false	none	none
» version	integer	false	none	Version of the alert template export.
» alert_templates	[AlertImportExportTemplate]	false	none	none
»» name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
»» description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
»» reference_id	string	false	none	Internal identifier for the alert template.
»» default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.
				Defines the type of the object on which this alert template is applicable to. <ul style="list-style-type: none"> • System wide alert template will be 50 • An alert template applicable to an

Name	Type	Required	Restrictions	Description
»» object_type	integer	false	none	<p>An alert template applicable to a managed server will be 100.</p> <ul style="list-style-type: none"> An alert template applicable to a managed server will be 200. An alert template applicable to a database for a particular monitor server will be 300. An alert template applicable to a schema on a particular database for the managed server will be 400. An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
»» sql	string	false	none	<p>SQL query, possibly parameterized, to get numeric indicating threshold reached.</p> <p>NOTE: It is a mandatory parameter for the POST request.</p>

Name	Type	Required	Restrictions	Description
»» applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL_POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
»» default_check_frequency	integer	false	none	Defines how frequent to check for the alert defined from this template (in minutes) NOTE: It is a mandatory parameter for the POST request.
»» threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days.
»» is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
»» is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
»» thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator
»» operator	string	false	none	Operator to compare threshold values.
»» high_threshold_value	string	false	none	High threshold value.
»» medium_threshold_value	string	false	none	Medium threshold value.
»» low_threshold_value	string	false	none	Low threshold value.
»» info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.
»» probes	[allOf]	false	none	none

allOf

Name	Type	Required	Restrictions	Description
»»»» <i>anonymous</i>	CustomProbePostData	false	none	none
»»»»» probe_name	string	false	none	Name of the probe.
»»»»» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> • 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). • 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. • 's' stands for SQL script. It will applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
»»»»» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
»»»»» target_type	integer	false	none	<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
»»»»» any_server_version	boolean	false	none	<p>Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.</p>
»»»»» interval	integer	false	none	<p>Defines how frequently the probe will collect the statistics (in seconds).</p>
»»»»» lifetime	integer	false	none	<p>Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.</p>
»»»»» discard_history	boolean	false	none	<p>Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.</p>
»»»»» platform	string	false	none	<p>Defines on which platform this probe can run on. It is only applicable to an agent level probe.</p>
»»»»» probe_code	string	false	none	<p>A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.</p>
»»»»» probe_columns	[object]	false	none	<p>none</p>

Name	Type	Required	Restrictions	Description
»»»»»» pc_name	string	false	none	Name of the column Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestampz
»»»»»» pc_data_type	string	false	none	
»»»»»» pc_unit	string	false	none	Returns the unit of the column.
»»»»»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»»»»»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»»»»»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»»»»»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
»»»»»» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
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»»»»» server_version_id	integer	false	none																											
»»»»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

and

Name	Type	Required	Restrictions	Description
»»» <i>anonymous</i>	object	false	none	none
»»»»» internal_name	string	false	none	Internal name of the probe from the system where probe was exported.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER

Property	Value
operator	>
operator	<
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestamptz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

Import Custom Alert Templates

post__alert_custom_import_

Code samples

```
POST /alert/custom/import/
```

Import custom alert templates using exported alert templates

Body parameter

```
{
  "version": 1,
  "skip_overwrite": true,
  "skip_overwrite_probe": true,
  "alert_templates": [
    {
      "name": "string",
      "description": "string",
      "reference_id": "string",
      "default_history_retention": 0,
      "object_type": 0,
      "sql": "string",
      "applicable_on_server": "ALL",
      "default_check_frequency": 0,
    }
  ]
}
```


Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

This operation does not require authentication

Export Custom Charts

post__chart_custom_export_

Code samples

```
POST /chart/custom/export/
```

Export custom charts

Body parameter

```
{
  "charts": [
    0
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomChartExportData	true	none

Example responses

200 Response

```
[
  {
    "version": 1,
    "charts": [
      {
        "chart_title": "string",
        "chart_type": "string",
        "chart_category": "string",
        "chart_description": "string",
        "reference_id": "string",
        "chart_level": 0,
        "chart_line_ext": [
          0
        ],
        "chart_line_ext_metric": "string",
        "chart_line_ext_metric_options": [
          0
        ],
        "chart_line_ext_opt": "string",
        "chart_line_ext_val": "string",
        "chart_line_extrapolated_type": "string",
        "chart_line_points": 0,
        "chart_line_span": [
          0
        ],
        "chart_refresh": 0,
        "espan": 0,
        "line_span": 0,
        "sel_metrics_L": [
          {}
        ],
        "sel_metrics_T": [
          {}
        ],
        "sel_metrics_C": [
          {}
        ],
        "shared": [
          0
        ],
        "shared_all": true
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomChartExportResponseData]	false	none	none
» version	integer	false	none	Version of the chart export.
» charts	[ChartExportTemplate]	false	none	none
»» chart_title	string	false	none	Chart title. NOTE: It is a mandatory parameter for the POST request.
»» chart_type	string	false	none	Chart category. NOTE: It is a mandatory parameter for the POST request.
»» chart_category	string	false	none	Chart type. NOTE: It is a mandatory parameter for the POST request.
»» chart_description	string	false	none	Description about the charts. NOTE: It is a mandatory parameter for the POST request.
»» reference_id	string	false	none	Internal identifier for the chart.
»» chart_level	integer	false	none	Defines the chart level. NOTE: It is a mandatory parameter for the POST request.
»» chart_line_ext	[integer]	false	none	Defines the line chart extrapolation. NOTE: It is a mandatory parameter for the POST request.
»» chart_line_ext_metric	string	false	none	Defines the line chart extrapolation metrics. NOTE: It is a mandatory parameter for the POST request.
»» chart_line_ext_metric_options	[integer]	false	none	Defines the line chart extrapolation metrics option. NOTE: It is a mandatory parameter for the POST request.
»» chart_line_ext_opt	string	false	none	Defines the line chart extrapolation options. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
»» chart_line_ext_val	string	false	none	Defines the line chart extrapolation values. NOTE: It is a mandatory parameter for the POST request.
»» chart_line_extrapolated_type	string	false	none	Defines the line chart extrapolation type. NOTE: It is a mandatory parameter for the POST request.
»» chart_line_points	integer	false	none	Defines the line chart extrapolation point
»» chart_line_span	[integer]	false	none	Defines the line chart span. NOTE: It is a mandatory parameter for the POST request.
»» chart_refresh	integer	false	none	Chart refresh time.
»» espan	integer	false	none	Chart span.
»» line_span	integer	false	none	Chart line span.
»» sel_metrics_L	[object]	false	none	Defines the line chart metrics and its probes data.
»» sel_metrics_T	[object]	false	none	Defines the table chart metrics and its probes data.
»» sel_metrics_C	[object]	false	none	Defines the capacity manager chart metrics and its probes data.
»» shared	[integer]	false	none	Defines the role id to which chart was shared.
»» shared_all	boolean	false	none	Whether chart needs to be shared with everyone

This operation does not require authentication

Import Custom Charts

post__chart_custom_import_

Code samples

```
POST /chart/custom/import/
```

Import custom alert templates using exported charts

Body parameter

```

{
  "version": 1,
  "skip_overwrite": true,
  "skip_overwrite_probe": true,
  "charts": [
    {
      "chart_title": "string",
      "chart_type": "string",
      "chart_category": "string",
      "chart_description": "string",
      "reference_id": "string",
      "chart_level": 0,
      "chart_line_ext": [
        0
      ],
      "chart_line_ext_metric": "string",
      "chart_line_ext_metric_options": [
        0
      ],
      "chart_line_ext_opt": "string",
      "chart_line_ext_val": "string",
      "chart_line_extrapolated_type": "string",
      "chart_line_points": 0,
      "chart_line_span": [
        0
      ],
      "chart_refresh": 0,
      "espan": 0,
      "line_span": 0,
      "sel_metrics_L": [
        {}
      ],
      "sel_metrics_T": [
        {}
      ],
      "sel_metrics_C": [
        {}
      ],
      "shared": [
        0
      ],
      "shared_all": true
    }
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomChartImportPostData	true	none

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

This operation does not require authentication

Export Custom Dashboards

post__dashboard_custom_export_

Code samples

```
POST /dashboard/custom/export/
```

Export custom Dashboards

Body parameter

```
{
  "dashboards": [
    0
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomDashboardExportData	true	none

Example responses

200 Response

```
[
  {
    "version": 1,
    "dashboards": [
      {
        "name": "string",
        "descp": "string",
        "reference_id": "string",
        "font": "string",
        "font_size": 0,
        "level": 0,
        "is_ops": true,
        "show_title": true,
        "design_layout": [
          {}
        ],
        "c_charts": [
          {}
        ],
        "shared": [
          0
        ],
        "shared_all": true
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomDashboardExportResponseData]	false	none	none
» version	integer	false	none	Version of the dashboard export.
» dashboards	[DashboardExportTemplate]	false	none	none
»» name	string	false	none	Defines the dashboard name. NOTE: It is a mandatory parameter for the POST request.
»» descp	string	false	none	Defines the dashboard description.
»» reference_id	string	false	none	Internal identifier for the dashboard.
»» font	string	false	none	Defines the dashboard font.

Name	Type	Required	Restrictions	Description
»» font_size	integer	false	none	Defines the dashboard font size.
»» level	integer	false	none	Defines the dashboard level.
»» is_ops	boolean	false	none	Whether dashboard is for ops.
»» show_title	boolean	false	none	Whether dashboard title is shown.
»» design_layout	[object]	false	none	Defines the dashboard design layout data.
»» c_charts	[object]	false	none	Defines the dependant custom charts and its probes data.
»» shared	[integer]	false	none	Defines the role id to which dashboard was shared.
»» shared_all	boolean	false	none	Whether dashboard needs to be shared with everyone

This operation does not require authentication

Import Custom Dashboards

post__dashboard_custom_import__

Code samples

```
POST /dashboard/custom/import/
```

Import custom alert templates using exported dashboards

Body parameter


```

{
  "version": 1,
  "skip_overwrite": true,
  "skip_overwrite_probe": true,
  "skip_overwrite_chart": true,
  "dashboards": [
    {
      "name": "string",
      "descp": "string",
      "reference_id": "string",
      "font": "string",
      "font_size": 0,
      "level": 0,
      "is_ops": true,
      "show_title": true,
      "design_layout": [
        {}
      ],
      "c_charts": [
        {}
      ],
      "shared": [
        0
      ],
      "shared_all": true
    }
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomDashboardImportPostData	true	none

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

This operation does not require authentication

Custom Probe

get__probe_

Code samples

GET /probe/

Get all the custom/system probes.

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "enabled": true,
    "target_type": 0,
    "internal_name": "string",
    "is_system_probe": true,
    "any_server_version": true,
    "collection_method": "w",
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_id": 0,
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_internal_name": "string",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_position": 0,
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[CustomProbes]	false	none	none
» probe_id	integer	false	none	Identifier for a probe.
» probe_name	string	false	none	Name of the probe.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type	integer	false	none	
» internal_name	string	false	none	Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.

Name	Type	Required	Restrictions	Description
» is_system_probe	boolean	false	none	Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.
» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
» probe_columns	[object]	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestamptz
»» pc_data_type	string	false	none	
»» pc_internal_name	string	false	none	Returns the internal name of the column.
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»» pc_position	integer	false	none	Returns the position of the column in the internal table.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
» alternate_code	[AlternateServerProbeCode]	false	none	none

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»» server_version_id	integer	false	none																											
»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric

Property	Value
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestamptz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

post__probe_

Code samples

POST /probe/

Create new custom probe

Body parameter

```
{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_{probe_id}

Code samples

```
GET /probe/{probe_id}
```

Get probe information for specified probe id.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response


```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	CustomProbes

This operation does not require authentication

put__probe_{probe_id}

Code samples

```
PUT /probe/{probe_id}
```

Update custom/system probe information for specified probe id.

Body parameter

```

{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}

```

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbePutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

delete__probe_{probe_id}

Code samples

```
DELETE /probe/{probe_id}
```

Delete the custom probe.

Parameters

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe information will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Successful deletion	None

Response Schema

This operation does not require authentication

Export Custom Probes

post__probe_custom_export_

Code samples

```
POST /probe/custom/export/
```

Export custom probes

Body parameter

```
{
  "probes": [
    0
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbeExportData	true	none

Example responses

200 Response

```
[
  {
    "probe_name": "string",
    "collection_method": "w",
    "enabled": true,
    "target_type": 0,
    "any_server_version": true,
    "interval": 0,
    "lifetime": 0,
    "discard_history": true,
    "platform": "string",
    "probe_code": "string",
    "probe_columns": [
      {
        "pc_name": "string",
        "pc_data_type": "bigint",
        "pc_unit": "string",
        "pc_col_type": "m",
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
      }
    ],
    "alternate_code": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "internal_name": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[allOf]	false	none	none

allOf

Name	Type	Required	Restrictions	Description
» <i>anonymous</i>	CustomProbePostData	false	none	none
»» probe_name	string	false	none	Name of the probe.
»» collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
»» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
»» target_type	integer	false	none	
»» any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
»» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
»» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
»» discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
»» platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
»» probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
»» probe_columns	[object]	false	none	none
»»» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestamptz
»»» pc_data_type	string	false	none	
»»» pc_unit	string	false	none	Returns the unit of the column.
»»» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
»»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
»»» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
»»» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
»» alternate_code	[AlternateServerProbeCode]	false	none	none

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
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21300	EDB Postgres Advanced Server 13																													
»»»» server_version_id	integer	false	none																											
»»»» server_probe_code	string	false	none	SQL query to run on the specified server version																										

and

Name	Type	Required	Restrictions	Description
» <i>anonymous</i>	object	false	none	none
»» internal_name	string	false	none	Internal name of the probe from the system where probe was exported.

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

This operation does not require authentication

Import Custom Probes

post__probe_custom_import_

Code samples

```
POST /probe/custom/import/
```

Import custom probes using exported probes

Body parameter

```

{
  "version": 1,
  "skip_overwrite": true,
  "probes": [
    {
      "probe_name": "string",
      "collection_method": "w",
      "enabled": true,
      "target_type": 0,
      "any_server_version": true,
      "interval": 0,
      "lifetime": 0,
      "discard_history": true,
      "platform": "string",
      "probe_code": "string",
      "probe_columns": [
        {
          "pc_name": "string",
          "pc_data_type": "bigint",
          "pc_unit": "string",
          "pc_col_type": "m",
          "pc_graphable": true,
          "pc_calc_pit": true,
          "pc_pit_default": true
        }
      ],
      "alternate_code": [
        {
          "server_version_id": 0,
          "server_probe_code": "string"
        }
      ],
      "internal_name": "string"
    }
  ]
}

```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	CustomProbeImportData	true	none

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

This operation does not require authentication

Probe Configuration

get__probe_config_server_{server_id}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/{probe_id}
```

Get server level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}_{probe_id}

Code samples

PUT /probe/config/server/{server_id}/{probe_id}

Update server level probe configuration for specified probe id.

Body parameter

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}
```

Get all the schema level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Get schema level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}database{database_name}schema{schema_name}_{probe_id}

Code samples

```
PUT
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe
```

Update schema level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get all the table level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.

Name	Type	Required	Restrictions	Description
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}table{table_

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/table/
```

Get table level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get all the index level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/index/
```

Get index level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_name}
```

Get all the sequence level probes.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}sequence{sequence_id}`

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence/{sequence_id}
```

Get sequence level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get all the function level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Get function level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

`get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get all the view level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.

Name	Type	Required	Restrictions	Description
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}schema{schema_name}view{view_name}

Code samples

```
GET
/probe/config/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{
```

Get view level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

get__probe_config_agent_{agent_id}

Code samples

```
GET /probe/config/agent/{agent_id}
```

Get all the agent level probes.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.

Name	Type	Required	Restrictions	Description
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}

Code samples

```
GET /probe/config/server/{server_id}
```

Get all the server level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.

Name	Type	Required	Restrictions	Description
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
» target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}
```

Get all the database level probes.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "probe_id": 0,
    "probe_name": "string",
    "default_interval_min": 0,
    "interval_min": 0,
    "default_interval_sec": 0,
    "interval_sec": 0,
    "default_interval": 0,
    "interval": 0,
    "default_lifetime": 0,
    "lifetime": 0,
    "default_enabled": true,
    "enabled": true,
    "target_type_id_returned": 0
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Probes]	false	none	none
» probe_id	integer	false	none	Unique id of the probe.
» probe_name	string	false	none	Name of the probe.
» default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
» interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
» default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
» interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
» default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
» interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).

Name	Type	Required	Restrictions	Description
» default_lifetime	integer	false	none	Defines the default history data retention time (in days).
» lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
» default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
» enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
				Defines return target type value.
				<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
» target_type_id_returned	integer	false	none	

This operation does not require authentication

get__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
GET /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Get database level probe for specified probe id.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Probes

This operation does not require authentication

put__probe_config_server_{server_id}database{database_name}_{probe_id}

Code samples

```
PUT /probe/config/server/{server_id}/database/{database_name}/{probe_id}
```

Update database level probe configuration for specified probe id.

Body parameter

```
[
  {
    "interval_min": 0,
    "interval_sec": 0,
    "lifetime": 0,
    "enabled": true
  }
]
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name

Name	In	Type	Required	Description
probe_id	path	integer	true	Probe ID for which probe configuration will be returned.
X-Auth-Token	header	string	true	Token of authorization
body	body	ProbeConfigData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Copy Probe

post__probe_copy_agent_{agent_id}

Code samples

```
POST /probe/copy/agent/{agent_id}
```

Copy Agent level probe to another agent

Body parameter

```
{
  "type": "string",
  "agent_id": 0
}
```

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyAgentData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}

Code samples

```
POST /probe/copy/server/{server_id}
```

Copy Server level probe to another server

Body parameter

```
{
  "type": "string",
  "server_id": 0
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyServerData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}

Copy Database level probe to another database

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopyDatabaseData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

post__probe_copy_server_{server_id}database{database_name}schema{schema_name}

Code samples

POST /probe/copy/server/{server_id}/database/{database_name}/schema/{schema_name}

Copy Schame level probe to another schema

Body parameter

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
X-Auth-Token	header	string	true	Token of authorization
body	body	CopySchemaData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	None

Response Schema

This operation does not require authentication

Probe data

get__probe_data_agent_{agent_id}_{probe_id}

Code samples

```
GET /probe/data/agent/{agent_id}/{probe_id}
```

Gets [Probe data](#) for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_data_server_{server_id}_{probe_id}

Code samples

```
GET /probe/data/server/{server_id}/{probe_id}
```

Gets **Probe data** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/{probe_id}
```

Gets **Probe data** for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}_{probe_id}`

Code samples

```
GET /probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/{probe_id}
```

Gets **Probe data** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}table{table_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/table/{table_name}
```

Gets **Probe data** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}index{index_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/index/{index_name}
```

Gets **Probe data** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}sequence{sequ`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/sequence
```

Gets **Probe data** for sequence.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/view/{view_name}
```

Gets **Probe data** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_data_server_{server_id}database{database_name}schema{schema_name}function{function_name}`

Code samples

GET
`/probe/data/server/{server_id}/database/{database_name}/schema/{schema_name}/function`

Gets **Probe data** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Probe history

`get__probe_history_agent_{agent_id}from{start_time}to{end_time}_{probe_id}`

Code samples

`GET /probe/history/agent/{agent_id}/from/{start_time}/to/{end_time}/{probe_id}`

Gets **Probe history** for agent.

Parameters

Name	In	Type	Required	Description
agent_id	path	integer	true	Agent ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}from{start_time}to{end_time}_{probe_id}`

Code samples

```
GET /probe/history/server/{server_id}/from/{start_time}/to/{end_time}/{probe_id}
```

Gets **Probe history** for server.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}from{start_time}to{end_time}_{prol`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/from/{start_time}/to/{end_
```

Gets `Probe history` for database.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}from{start_t`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/from/
```

Gets **Probe history** for schema.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}table{table_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/table
```

Gets **Probe history** for table.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
table_name	path	string	true	Table Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}index{index_`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/index
```

Gets **Probe history** for index.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
index_name	path	string	true	Index Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}sequence{se`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/seque
```

Gets **Probe history** for sequence.

Parameters

Name	In	Type	Required	Description
------	----	------	----------	-------------

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
sequence_name	path	string	true	Sequence Name
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

`get__probe_history_server_{server_id}database{database_name}schema{schema_name}view{view_name}`

Code samples

```
GET
/probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/view/
```

Gets **Probe history** for view.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
view_name	path	string	true	View Name

Name	In	Type	Required	Description
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

get__probe_history_server_{server_id}database{database_name}schema{schema_name}function{function_name}

Code samples

```
GET /probe/history/server/{server_id}/database/{database_name}/schema/{schema_name}/function/{function_name}
```

Gets **Probe history** for function.

Parameters

Name	In	Type	Required	Description
server_id	path	integer	true	Server ID
database_name	path	string	true	Database Name
schema_name	path	string	true	Schema Name
function_name	path	string	true	Function Name
function_arguments	path	string	true	Function arguments comma separated
start_time	path	string	true	Start time in ISO-8601 format to get probe history
end_time	path	string	true	End time in ISO-8601 format to get probe history
probe_id	path	integer	true	Probe ID for which data will be returned

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {}
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Successful response	Inline

Response Schema

This operation does not require authentication

Webhook

Retrieval of the webhook list

Code samples

```
GET /webhook/
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "name": "string",
    "url": "string",
    "enabled": true,
    "method": "string",
    "http_headers": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "payload_template": "string",
    "low_alert": true,
    "med_alert": true,
    "high_alert": true,
    "cleared_alert": true
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[Webhook]	false	none	none
» id	integer	false	none	Webhook id
» name	string	false	none	Webhook name
» url	string	false	none	Webhook url
» enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
» method	string	false	none	Request method
» http_headers	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
»» http_header_id	integer	false	none	ID of the http header
»» http_header_key	string	false	none	Name of the http header key
»» http_header_value	string	false	none	Name of the http header key
» payload_template	string	false	none	Payload template

Name	Type	Required	Restrictions	Description
» low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
» med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
» high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
» cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

This operation does not require authentication

Add a new webhook.

Code samples

POST /webhook/

Body parameter

```
{
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	WebhookPostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook created successfully.	None

Response Schema

This operation does not require authentication

Retrieve the information for the webhook, identified by the `webhook_id`.

Code samples

```
GET /webhook/{webhook_id}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_id": 0,
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Webhook

Status	Meaning	Description	Schema
--------	---------	-------------	--------

This operation does not require authentication

Update the webhook information

Code samples

```
PUT /webhook/{webhook_id}
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": {
    "added": [
      {
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "changed": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "deleted": [
      {
        "http_header_id": 0
      }
    ]
  },
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	WebhookPutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook updated successfully.	None

Response Schema

This operation does not require authentication

Delete the webhook.

Code samples

```
DELETE /webhook/{webhook_id}
```

Parameters

Name	In	Type	Required	Description
webhook_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Webhook deleted successfully.	None

Response Schema

This operation does not require authentication

Email Groups

Retrieval of the email groups list

Code samples

```
GET /email/groups
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
[
  {
    "id": 0,
    "oid": 0,
    "gid": 0,
    "name": "string",
    "to_addr": "string",
    "cc_addr": "string",
    "bcc_addr": "string",
    "from_addr": "string",
    "reply_to_addr": "string",
    "subject_prefix": "string",
    "from_time": "string",
    "to_time": "string"
  }
]
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	Inline

Response Schema

Status Code 200

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	[EmailGroups]	false	none	none
» id	integer	false	none	Email group id
» oid	integer	false	none	Email group options id
» gid	integer	false	none	Email group id

Name	Type	Required	Restrictions	Description
» name	string	false	none	Email group name
» to_addr	string	false	none	Email group options receiver address
» cc_addr	string	false	none	Email group options CC address
» bcc_addr	string	false	none	Email group options BCC address
» from_addr	string	false	none	Email group options sender address
» reply_to_addr	string	false	none	Email group options reply to address
» subject_prefix	string	false	none	Email group options subject prefix
» from_time	string	false	none	Email group options from time to select time range for members
» to_time	string	false	none	Email group options to time to select time range for members

This operation does not require authentication

Add a new email group.

Code samples

POST /email/groups

Body parameter

```
{
  "name": "string",
  "options": [
    {
      "to_addr": "string",
      "cc_addr": "string",
      "bcc_addr": "string",
      "from_addr": "string",
      "reply_to_addr": "string",
      "subject_prefix": "string",
      "from_time": "string",
      "to_time": "string"
    }
  ]
}
```

Parameters

Name	In	Type	Required	Description
X-Auth-Token	header	string	true	Token of authorization
body	body	EmailGroupsPostData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group created successfully.	None

Response Schema

This operation does not require authentication

Retrieve the information for the email group, identified by the `email_group_id`.

Code samples

```
GET /email/groups/{email_group_id}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "id": 0,
  "oid": 0,
  "gid": 0,
  "name": "string",
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	EmailGroups

This operation does not require authentication

Update the email group information

Code samples

```
PUT /email/groups/{email_group_id}
```

Body parameter

```
{
  "id": 0,
  "name": "string",
  "options": {
    "added": [
      {
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "changed": [
      {
        "oid": 0,
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "deleted": [
      {
        "oid": 0
      }
    ]
  }
}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization
body	body	EmailGroupsPutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Excluded databases added successfully.	None

Response Schema

This operation does not require authentication

Delete the email group.

Code samples

```
DELETE /email/groups/{email_group_id}
```

Parameters

Name	In	Type	Required	Description
email_group_id	path	string	true	none
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group deleted successfully.	None

Response Schema

This operation does not require authentication

Include/Exclude Database Monitoring

Retrieve the information for the excluded databases, identified by the server id.

Code samples

GET /server/exclude_database/{sid}

Parameters

Name	In	Type	Required	Description
sid	path	string	true	Server id
X-Auth-Token	header	string	true	Token of authorization

Example responses

200 Response

```
{
  "server_id": 0,
  "name": "string",
  "exclude_databases": [
    "string"
  ]
}
```

Responses

Status	Meaning	Description	Schema
200	OK	Status 200	ExcludeDatabases

This operation does not require authentication

Update the excluded database information

Code samples

PUT /server/exclude_database/{sid}

Body parameter

```
{
  "exclude_databases": [
    "string"
  ]
}
```

Parameters

Name	In	Type	Required	Description
sid	path	string	true	Server id
X-Auth-Token	header	string	true	Token of authorization

Name	In	Type	Required	Description
body	body	ExcludeDatabasesPutData	true	none

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Email group updated successfully.	None

Response Schema

This operation does not require authentication

Delete the excluded databases.

Code samples

```
DELETE /server/exclude_database/{sid}
```

Parameters

Name	In	Type	Required	Description
sid	path	string	true	Server id
X-Auth-Token	header	string	true	Token of authorization

Example responses

Responses

Status	Meaning	Description	Schema
200	OK	Excluded databases deleted successfully.	None

Response Schema

This operation does not require authentication

Schemas

AlertPayload

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.

Name	Type	Required	Restrictions	Description
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.
override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.

Name	Type	Required	Restrictions	Description
send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
low_webhook_ids	[integer]	false	none	Defines webhook ids for which low alerts to be configured.
med_webhook_ids	[integer]	false	none	Defines webhook ids for which medium alerts to be configured.
high_webhook_ids	[integer]	false	none	Defines webhook ids for which high alerts to be configured.
cleared_webhook_ids	[integer]	false	none	Defines webhook ids for which cleared alerts to be configured.

Alert

```

{
  "id": 0,
  "alert_name": "string",
  "alert_template": 0,
  "description": "string",
  "enabled": true,
  "history_retention": 0,
  "frequency_min": 0,
  "operator": "string",
  "low_threshold_value": 0,
  "medium_threshold_value": 0,
  "high_threshold_value": 0,
  "send_email": true,
  "all_alert_enable": true,
  "email_group_id": 0,
  "low_alert_enable": true,
  "low_email_group_id": 0,
  "med_alert_enable": true,
  "med_email_group_id": 0,
  "high_alert_enable": true,
  "high_email_group_id": 0,
  "send_trap": true,
  "snmp_trap_version": 0,
  "low_send_trap": true,
  "med_send_trap": true,
  "high_send_trap": true,
  "params": [
    {
      "paramname": "string",
      "paramvalue": "string"
    }
  ],
  "execute_script": true,
  "execute_script_on_clear": true,
  "execute_script_on_pem_server": true,
  "script_code": "string",
  "submit_to_nagios": true,
  "override_default_config": true,
  "send_notification": true,
  "low_webhook_ids": [
    0
  ],
  "med_webhook_ids": [
    0
  ],
  "high_webhook_ids": [
    0
  ],
  "cleared_webhook_ids": [
    0
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Alert Id. NOTE: It is not applicable for POST request.
alert_name	string	false	none	Name of the alert. NOTE: It is a mandatory parameter for the POST request.
alert_template	integer	false	none	ID of the alert template, positive integer value. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	none
enabled	boolean	false	none	Defines whether this alert is enabled/disabled. NOTE: It is a mandatory parameter for the POST request.
history_retention	integer	false	none	For how many days to keep the history of this alert. Possible values are from 1 to 99999. NOTE: It is a mandatory parameter for the POST request.
frequency_min	integer	false	none	Defines how frequently the alert needs to be checked on PEM database server. Possible values are from 1 to 65534 minutes. NOTE: It is a mandatory parameter for the POST request.
operator	string	false	none	Defines the operator for checking the threshold values. Valid string are ">" and "<". NOTE: It is a mandatory parameter for the POST request.
low_threshold_value	number	false	none	Threshold value for triggering the low alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
medium_threshold_value	number	false	none	Threshold value for triggering the medium alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
high_threshold_value	number	false	none	Threshold value for triggering the high alert. It can be any valid integer/float value. NOTE: It is a mandatory parameter for the POST request.
send_email	boolean	false	none	Defines whether to send an email, when the state of alert is changed.
all_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'email_group_id' when state of the alert is changed.
email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of alert is changed.
low_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'low_email_group_id' when state of the alert is set to LOW.

Name	Type	Required	Restrictions	Description
low_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to LOW.
med_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'medium_email_group_id' when state of the alert is set to MEDIUM.
med_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to MEDIUM.
high_alert_enable	boolean	false	none	Defines whether to send an email notification to the group, specified by the parameter 'high_email_group_id' when state of the alert is set to HIGH.
high_email_group_id	integer	false	none	Defines to which email group the email notification will be sent, when state of the alert is changed to HIGH.
send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when the state of the alert changes.
snmp_trap_version	integer	false	none	Defines the SNMP trap version. Supported SNMP trap version is 1, 2 or 3
low_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to LOW.
med_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to MEDIUM.
high_send_trap	boolean	false	none	Defines whether to send the SNMP trap notification when state of the alert changes to HIGH.
params	[AlertParams]	false	none	List of the parameter/value pair to be used by the alert template for checking the alerts. NOTE: The all parameter must be defined as per the alert template.
execute_script	boolean	false	none	Defines whether to execute the provided script if the state of the alert is changed to LOW/MEDIUM/HIGH.
execute_script_on_clear	boolean	false	none	Defines whether to execute the provided script if the state of the alert is cleared.
execute_script_on_pem_server	boolean	false	none	Defines whether to execute the provided script on the PEM Host, or on the host from where the object is being monitored by the agent.
script_code	string	false	none	The script, which will be executed. It could be a shell/batch script. Please read the documentation for detailed information.
submit_to_nagios	boolean	false	none	Defines whether to send notification to the nagios, when state of the alert is changed.

Name	Type	Required	Restrictions	Description
override_default_config	boolean	false	none	Defines whether the default webhook configuration is override or not.
send_notification	boolean	false	none	Defines whether the webhook send notification enabled.
low_webhook_ids	[integer]	false	none	Webhook ids for which low alerts are configured.
med_webhook_ids	[integer]	false	none	Webhook ids for which medium alerts are configured.
high_webhook_ids	[integer]	false	none	Webhook ids for which high alerts are configured.
cleared_webhook_ids	[integer]	false	none	Webhook ids for which cleared alerts are configured.

AlertParams

```
{
  "paramname": "string",
  "paramvalue": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
paramname	string	false	none	Name of the parameter. NOTE: This has to present on the alert template parameter list.
paramvalue	string	false	none	Value for the given parameter

AlternateServerProbeCode

```
{
  "server_version_id": 0,
  "server_probe_code": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description																										
				Server version id for the support monitored server																										
				<table border="1"> <thead> <tr> <th>server_version_id</th> <th>Database Server</th> </tr> </thead> <tbody> <tr> <td>10905</td> <td>PostgreSQL 9.5</td> </tr> <tr> <td>10906</td> <td>PostgreSQL 9.6</td> </tr> <tr> <td>11000</td> <td>PostgreSQL 10</td> </tr> <tr> <td>11100</td> <td>PostgreSQL 11</td> </tr> <tr> <td>11200</td> <td>PostgreSQL 12</td> </tr> <tr> <td>11300</td> <td>PostgreSQL 13</td> </tr> <tr> <td>20905</td> <td>Postgres Plus Advanced Server 9.5</td> </tr> <tr> <td>20906</td> <td>Postgres Plus Advanced Server 9.6</td> </tr> <tr> <td>21000</td> <td>EDB Postgres Advanced Server 10</td> </tr> <tr> <td>21100</td> <td>EDB Postgres Advanced Server 11</td> </tr> <tr> <td>21200</td> <td>EDB Postgres Advanced Server 12</td> </tr> <tr> <td>21300</td> <td>EDB Postgres Advanced Server 13</td> </tr> </tbody> </table>	server_version_id	Database Server	10905	PostgreSQL 9.5	10906	PostgreSQL 9.6	11000	PostgreSQL 10	11100	PostgreSQL 11	11200	PostgreSQL 12	11300	PostgreSQL 13	20905	Postgres Plus Advanced Server 9.5	20906	Postgres Plus Advanced Server 9.6	21000	EDB Postgres Advanced Server 10	21100	EDB Postgres Advanced Server 11	21200	EDB Postgres Advanced Server 12	21300	EDB Postgres Advanced Server 13
server_version_id	Database Server																													
10905	PostgreSQL 9.5																													
10906	PostgreSQL 9.6																													
11000	PostgreSQL 10																													
11100	PostgreSQL 11																													
11200	PostgreSQL 12																													
11300	PostgreSQL 13																													
20905	Postgres Plus Advanced Server 9.5																													
20906	Postgres Plus Advanced Server 9.6																													
21000	EDB Postgres Advanced Server 10																													
21100	EDB Postgres Advanced Server 11																													
21200	EDB Postgres Advanced Server 12																													
21300	EDB Postgres Advanced Server 13																													
server_version_id	integer	false	none																											
server_probe_code	string	false	none	SQL query to run on the specified server version																										

DeletedAlternateServerProbeCode

```
{
  "server_version_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
				Server version id for the support monitored server
				server_version_id Database Server
				10905 PostgreSQL 9.5
				10906 PostgreSQL 9.6
				11000 PostgreSQL 10
				11100 PostgreSQL 11
				11200 PostgreSQL 12
server_version_id	integer	false	none	11300 PostgreSQL 13
				20905 Postgres Plus Advanced Server 9.5
				20906 Postgres Plus Advanced Server 9.6
				21000 EDB Postgres Advanced Server 10
				21100 EDB Postgres Advanced Server 11
				21200 EDB Postgres Advanced Server 12
				21300 EDB Postgres Advanced Server 13

ChartExportTemplate

```

{
  "chart_title": "string",
  "chart_type": "string",
  "chart_category": "string",
  "chart_description": "string",
  "reference_id": "string",
  "chart_level": 0,
  "chart_line_ext": [
    0
  ],
  "chart_line_ext_metric": "string",
  "chart_line_ext_metric_options": [
    0
  ],
  "chart_line_ext_opt": "string",
  "chart_line_ext_val": "string",
  "chart_line_extrapolated_type": "string",
  "chart_line_points": 0,
  "chart_line_span": [
    0
  ],
  "chart_refresh": 0,
  "espan": 0,
  "line_span": 0,
  "sel_metrics_L": [
    {}
  ],
  "sel_metrics_T": [
    {}
  ],
  "sel_metrics_C": [
    {}
  ],
  "shared": [
    0
  ],
  "shared_all": true
}

```

Properties

Name	Type	Required	Restrictions	Description
chart_title	string	false	none	Chart title. NOTE: It is a mandatory parameter for the POST request.
chart_type	string	false	none	Chart category. NOTE: It is a mandatory parameter for the POST request.
chart_category	string	false	none	Chart type. NOTE: It is a mandatory parameter for the POST request.
chart_description	string	false	none	Description about the charts. NOTE: It is a mandatory parameter for the POST request.
reference_id	string	false	none	Internal identifier for the chart.

Name	Type	Required	Restrictions	Description
chart_level	integer	false	none	Defines the chart level. NOTE: It is a mandatory parameter for the POST request.
chart_line_ext	[integer]	false	none	Defines the line chart extrapolation. NOTE: It is a mandatory parameter for the POST request.
chart_line_ext_metric	string	false	none	Defines the line chart extrapolation metrics. NOTE: It is a mandatory parameter for the POST request.
chart_line_ext_metric_options	[integer]	false	none	Defines the line chart extrapolation metrics option. NOTE: It is a mandatory parameter for the POST request.
chart_line_ext_opt	string	false	none	Defines the line chart extrapolation options. NOTE: It is a mandatory parameter for the POST request.
chart_line_ext_val	string	false	none	Defines the line chart extrapolation values. NOTE: It is a mandatory parameter for the POST request.
chart_line_extrapolated_type	string	false	none	Defines the line chart extrapolation type. NOTE: It is a mandatory parameter for the POST request.
chart_line_points	integer	false	none	Defines the line chart extrapolation point
chart_line_span	[integer]	false	none	Defines the line chart span. NOTE: It is a mandatory parameter for the POST request.
chart_refresh	integer	false	none	Chart refresh time.
espan	integer	false	none	Chart span.
line_span	integer	false	none	Chart line span.
sel_metrics_L	[object]	false	none	Defines the line chart metrics and its probes data.
sel_metrics_T	[object]	false	none	Defines the table chart metrics and its probes data.
sel_metrics_C	[object]	false	none	Defines the capacity manager chart metrics and its probes data.
shared	[integer]	false	none	Defines the role id to which chart was shared.
shared_all	boolean	false	none	Whether chart needs to be shared with everyone

DashboardExportTemplate

```
{
  "name": "string",
  "descp": "string",
  "reference_id": "string",
  "font": "string",
  "font_size": 0,
  "level": 0,
  "is_ops": true,
  "show_title": true,
  "design_layout": [
    {}
  ],
  "c_charts": [
    {}
  ],
  "shared": [
    0
  ],
  "shared_all": true
}
```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Defines the dashboard name. NOTE: It is a mandatory parameter for the POST request.
descp	string	false	none	Defines the dashboard description.
reference_id	string	false	none	Internal identifier for the dashboard.
font	string	false	none	Defines the dashboard font.
font_size	integer	false	none	Defines the dashboard font size.
level	integer	false	none	Defines the dashboard level.
is_ops	boolean	false	none	Whether dashboard is for ops.
show_title	boolean	false	none	Whether dashboard title is shown.
design_layout	[object]	false	none	Defines the dashboard design layout data.
c_charts	[object]	false	none	Defines the dependant custom charts and its probes data.
shared	[integer]	false	none	Defines the role id to which dashboard was shared.
shared_all	boolean	false	none	Whether dashboard needs to be shared with everyone

CustomDashboardExportData

```
{
  "dashboards": [
    0
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
dashboards	[integer]	false	none	List of the dashboard ids

CustomDashboardExportResponseData

```
{
  "version": 1,
  "dashboards": [
    {
      "name": "string",
      "descp": "string",
      "reference_id": "string",
      "font": "string",
      "font_size": 0,
      "level": 0,
      "is_ops": true,
      "show_title": true,
      "design_layout": [
        {}
      ],
      "c_charts": [
        {}
      ],
      "shared": [
        0
      ],
      "shared_all": true
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the dashboard export.
dashboards	[DashboardExportTemplate]	false	none	none

CustomDashboardImportPostData

```

{
  "version": 1,
  "skip_overwrite": true,
  "skip_overwrite_probe": true,
  "skip_overwrite_chart": true,
  "dashboards": [
    {
      "name": "string",
      "descp": "string",
      "reference_id": "string",
      "font": "string",
      "font_size": 0,
      "level": 0,
      "is_ops": true,
      "show_title": true,
      "design_layout": [
        {}
      ],
      "c_charts": [
        {}
      ],
      "shared": [
        0
      ],
      "shared_all": true
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the dashboard export.
skip_overwrite	boolean	false	none	Whether existing chart can be skipped
skip_overwrite_probe	boolean	false	none	Whether existing dependant probes can be skipped
skip_overwrite_chart	boolean	false	none	Whether existing dependant charts can be skipped
dashboards	[DashboardExportTemplate]	false	none	none

CustomChartExportData

```

{
  "charts": [
    0
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
charts	[integer]	false	none	List of the chart ids

CustomChartExportResponseData

```
{
  "version": 1,
  "charts": [
    {
      "chart_title": "string",
      "chart_type": "string",
      "chart_category": "string",
      "chart_description": "string",
      "reference_id": "string",
      "chart_level": 0,
      "chart_line_ext": [
        0
      ],
      "chart_line_ext_metric": "string",
      "chart_line_ext_metric_options": [
        0
      ],
      "chart_line_ext_opt": "string",
      "chart_line_ext_val": "string",
      "chart_line_extrapolated_type": "string",
      "chart_line_points": 0,
      "chart_line_span": [
        0
      ],
      "chart_refresh": 0,
      "espan": 0,
      "line_span": 0,
      "sel_metrics_L": [
        {}
      ],
      "sel_metrics_T": [
        {}
      ],
      "sel_metrics_C": [
        {}
      ],
      "shared": [
        0
      ],
      "shared_all": true
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the chart export.
charts	[ChartExportTemplate]	false	none	none

CustomChartImportPostData

```
{
  "version": 1,
  "skip_overwrite": true,
  "skip_overwrite_probe": true,
  "charts": [
    {
      "chart_title": "string",
      "chart_type": "string",
      "chart_category": "string",
      "chart_description": "string",
      "reference_id": "string",
      "chart_level": 0,
      "chart_line_ext": [
        0
      ],
      "chart_line_ext_metric": "string",
      "chart_line_ext_metric_options": [
        0
      ],
      "chart_line_ext_opt": "string",
      "chart_line_ext_val": "string",
      "chart_line_extrapolated_type": "string",
      "chart_line_points": 0,
      "chart_line_span": [
        0
      ],
      "chart_refresh": 0,
      "espan": 0,
      "line_span": 0,
      "sel_metrics_L": [
        {}
      ],
      "sel_metrics_T": [
        {}
      ],
      "sel_metrics_C": [
        {}
      ],
      "shared": [
        0
      ],
      "shared_all": true
    }
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the chart export.
skip_overwrite	boolean	false	none	Whether existing chart can be skipped
skip_overwrite_probe	boolean	false	none	Whether existing dependant probes can be skipped
charts	[ChartExportTemplate]	false	none	none

AlertImportExportTemplate

```

{
  "name": "string",
  "description": "string",
  "reference_id": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string",
  "probes": [
    {
      "probe_name": "string",
      "collection_method": "w",
      "enabled": true,
      "target_type": 0,
      "any_server_version": true,
      "interval": 0,
      "lifetime": 0,
      "discard_history": true,
      "platform": "string",
      "probe_code": "string",
      "probe_columns": [
        {
          "pc_name": "string",
          "pc_data_type": "bigint",
          "pc_unit": "string",
          "pc_col_type": "m",
          "pc_graphable": true,
          "pc_calc_pit": true,
          "pc_pit_default": true
        }
      ],
      "alternate_code": [
        {
          "server_version_id": 0,
          "server_probe_code": "string"
        }
      ],
      "internal_name": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
reference_id	string	false	none	Internal identifier for the alert template.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
object_type	integer	false	none	<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
sql	string	false	none	<p>SQL query, possibly parameterized, to get a numeric indicating threshold reached.</p> <p>NOTE: It is a mandatory parameter for the POST request.</p>

Name	Type	Required	Restrictions	Description
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
operator	string	false	none	Operator to compare threshold values.
high_threshold_value	string	false	none	High threshold value.
medium_threshold_value	string	false	none	Medium threshold value.
low_threshold_value	string	false	none	Low threshold value.
info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.
probes	[CustomProbelImportPostData]	false	none	none

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

CustomAlertTemplateExportData

```
{
  "alert_templates": [
    0
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_templates	[integer]	false	none	List of the alert template ids

CustomAlertTemplateExportResponseData

```
{
  "version": 1,
  "alert_templates": [
    {
      "name": "string",
      "description": "string",
      "reference_id": "string",
      "default_history_retention": 0,
      "object_type": 0,
      "sql": "string",
      "applicable_on_server": "ALL",
      "default_check_frequency": 0,
      "threshold_unit": "string",
      "is_system_template": true,
      "is_auto_create": true,
      "thresholds": [
        0
      ],
      "operator": ">",
      "high_threshold_value": "string",
      "medium_threshold_value": "string",
      "low_threshold_value": "string",
      "info_sql": "string",
      "probes": [
        {
          "probe_name": "string",
          "collection_method": "w",
          "enabled": true,
          "target_type": 0,
          "any_server_version": true,
          "interval": 0,
          "lifetime": 0,
          "discard_history": true,
          "platform": "string",
          "probe_code": "string",
          "probe_columns": [
            {
              "pc_name": "string",
              "pc_data_type": "bigint",
              "pc_unit": "string",
            }
          ]
        }
      ]
    }
  ]
}
```

```

        "pc_col_type": "m",
        "pc_graphable": true,
        "pc_calc_pit": true,
        "pc_pit_default": true
    }
],
"alternate_code": [
    {
        "server_version_id": 0,
        "server_probe_code": "string"
    }
],
"internal_name": "string"
}
]
}
}
}

```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the alert template export.
alert_templates	AlertImportExportTemplate	false	none	none

CustomAlertTemplateImportPostData

```

{
  "version": 1,
  "skip_overwrite": true,
  "skip_overwrite_probe": true,
  "alert_templates": [
    {
      "name": "string",
      "description": "string",
      "reference_id": "string",
      "default_history_retention": 0,
      "object_type": 0,
      "sql": "string",
      "applicable_on_server": "ALL",
      "default_check_frequency": 0,
      "threshold_unit": "string",
      "is_system_template": true,
      "is_auto_create": true,
      "thresholds": [
        0
      ],
      "operator": ">",
      "high_threshold_value": "string",
      "medium_threshold_value": "string",
      "low_threshold_value": "string",
      "info_sql": "string",
      "probes": [

```

```

{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ],
  "internal_name": "string"
}
]
}
]
}

```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the alert template export.
skip_overwrite	boolean	false	none	Whether existing alert template can be skipped
skip_overwrite_probe	boolean	false	none	Whether existing dependant probes can be skipped
alert_templates	[AlertImportExportTemplate]	false	none	none

AlertTemplate

```

{
  "id": 0,
  "name": "string",
  "description": "string",
  "default_history_retention": 0,
  "object_type": 0,
  "sql": "string",
  "applicable_on_server": "ALL",
  "default_check_frequency": 0,
  "threshold_unit": "string",
  "is_system_template": true,
  "is_auto_create": true,
  "thresholds": [
    0
  ],
  "operator": ">",
  "high_threshold_value": "string",
  "medium_threshold_value": "string",
  "low_threshold_value": "string",
  "info_sql": "string"
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Identifier for the alert template. NOTE: It is not applicable while creating the alert template.
name	string	false	none	Name of the alert template. NOTE: It is a mandatory parameter for the POST request.
description	string	false	none	Description about the alert template. NOTE: It is a mandatory parameter for the POST request.
default_history_retention	integer	false	none	Defines the history retention period in days for this type of alerts. NOTE: It is a mandatory parameter for the POST request.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which this alert template is applicable to.</p> <ul style="list-style-type: none"> • System wide alert template will be 50. • An alert template applicable to an agent will be 100. • An alert template applicable to a managed server will be 200. • An alert template applicable to a database for a particular monitored server will be 300. • An alert template applicable to a schema on a particular database for the managed server will be 400. • An alert template applicable to a table on a particular schema for the database on a monitored server will be 500. • An alert template applicable to an index on a particular schema for the database on a monitored server will be 600. • An alert template applicable to a sequence on a particular schema for the database on a monitored server will be 700. • An alert template applicable to a function on a particular schema for the database on a monitored server will be 800. <p>NOTE: It is a mandatory parameter for the POST request.</p>
object_type	integer	false	none	
sql	string	false	none	SQL query, possibly parameterized, to get a numeric indicating threshold reached. NOTE: It is a mandatory parameter for the POST request.
applicable_on_server	string	false	none	Template is applicable on which type of monitored server. Possible values are ALL, POSTGRES_SERVER, ADVANCED_SERVER. NOTE: It is a mandatory parameter for the POST request.
default_check_frequency	integer	false	none	Defines how frequently to check for the alert defined from this template (in minutes). NOTE: It is a mandatory parameter for the POST request.
threshold_unit	string	false	none	Unit in which threshold is calculated; purely for GUI, like MB/kB/seconds/days/...
is_system_template	boolean	false	none	Defines whether the given template is system defined or user defined. NOTE: It is not applicable for the the POST/PUT requests.
is_auto_create	boolean	false	none	Whether alert should be created as soon as agent or server is added to pem.
thresholds	[number]	false	none	Default threshold values. Values in the thresholds array must be in the sorted order based on the operator.
operator	string	false	none	Operator to compare threshold values.
high_threshold_value	string	false	none	High threshold value.
medium_threshold_value	string	false	none	Medium threshold value.

Name	Type	Required	Restrictions	Description
low_threshold_value	string	false	none	Low threshold value.
info_sql	string	false	none	Specify the SQL query that will provide the detailed information about that alert on Dashboard.

Enumerated Values

Property	Value
applicable_on_server	ALL
applicable_on_server	POSTGRES_SERVER
applicable_on_server	ADVANCED_SERVER
operator	>
operator	<

AlertHistory

```
{
  "alert_id": 0,
  "state": "High",
  "value": "string",
  "actual_value": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_id	integer	false	none	Alert ID
state	string	false	none	State
value	string	false	none	User presentable value
actual_value	number	false	none	Actual value at the time of state change.

Enumerated Values

Property	Value
state	High
state	Medium
state	Low

ServerStatus

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "number_connections": 0,
  "remote_monitoring": true,
  "agent_id": 0,
  "sessions": {
    "last_recorded_time": 0,
    "sessions": [
      {
        "database_name": "string",
        "procpid": 0,
        "username": "string",
        "backend_start": 0,
        "xact_start": 0,
        "query_start": 0,
        "is_waiting": true,
        "is_idle": true,
        "is_idle_in_transaction": true,
        "is_vacuum": true,
        "is_autovacuum": true,
        "client_addr": "string",
        "client_port": 0,
        "memory_usage_mb": 0,
        "swap_usage_mb": 0,
        "cpu_usage": 0,
        "io_read_bytes": 0,
        "io_write_bytes": 0,
        "state": "string",
        "state_change": 0
      }
    ]
  }
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server ID

Name	Type	Required	Restrictions	Description
name	string	false	none	Server name
group_id	integer	false	none	Group ID under which database server is visible to the user
group_name	string	false	none	Group name
blackout	boolean	false	none	Status of the alert blackout for the database server
status	string	false	none	Server status can be UP, DOWN, UNKNOWN, or UNMANAGED,
alerts	object	false	none	List of alert configured for the database server and it's status and how many are acknowledged
» total	integer	false	none	Number of alerts configured for the database server
» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
» high	integer	false	none	Number of alerts with state as 'High'
» medium	integer	false	none	Number of alerts with state as 'Medium'
» low	integer	false	none	Number of alerts with state as 'Low'
» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
version	string	false	none	Current version of the database server
number_connections	integer	false	none	Number of connections on the database servers
remote_monitoring	boolean	false	none	Whether the database server is being monitored remotely by the pemAgent
agent_id	integer	false	none	Agent ID, which is monitoring the database server
sessions	object	false	none	All the session information for the daabase servers
» last_recorded_time	number	false	none	Unix time representing the last session information recorded time
» sessions	[object]	false	none	List of all the session information for the database server
»» database_name	string	false	none	Database name
»» procpid	integer	false	none	Process ID
»» username	string	false	none	User name
»» backend_start	number	false	none	Unix time representing the session start time
»» xact_start	number	false	none	Unix time representing the transaction start time
»» query_start	number	false	none	Unix time representing the query start time (if any running)
»» is_waiting	boolean	false	none	Is the sesion waiting?
»» is_idle	boolean	false	none	Is the session idle?
»» is_idle_in_transaction	boolean	false	none	Is the session idle in a transaction?
»» is_vacuum	boolean	false	none	Is this a VACUUM session?
»» is_autovacuum	boolean	false	none	Is this a AUTO VACUUM session?
»» client_addr	string	false	none	Host address for the client of the session
»» client_port	integer	false	none	Client port for the session

Name	Type	Required	Restrictions	Description
»» memory_usage_mb	number	false	none	Memory usage (in MB) of the session (available only when monitored locally)
»» swap_usage_mb	number	false	none	Swap memory usage (in MB) of the session (available only when monitored locally)
»» cpu_usage	number	false	none	CPU Usage (in percentage) of the session (available only when monitored locally)
»» io_read_bytes	number	false	none	I/O Read (in bytes) of the session (available only when monitored locally)
»» io_write_bytes	number	false	none	I/O Write (in bytes) of the session (available only when monitored locally)
»» state	string	false	none	Current state of the session (idle, active, idle in transaction, etc)
»» state_change	number	false	none	Unix time representing the last state change time of the session

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN
status	UNMANAGED

AgentStatus

```

{
  "id": 0,
  "name": "string",
  "group_id": 0,
  "group_name": "string",
  "blackout": true,
  "status": "UP",
  "alerts": {
    "total": 0,
    "acknowledged": 0,
    "high": 0,
    "medium": 0,
    "low": 0,
    "high_acknowledged": 0,
    "medium_acknowledged": 0,
    "low_acknowledged": 0
  },
  "version": "string",
  "processes": 0,
  "threads": 0,
  "cpu_utilization": 0,
  "memory_utilization": 0,
  "swap_utilization": 0,
  "disk_utilization": 0
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Agent ID
name	string	false	none	Agent name
group_id	integer	false	none	Group ID under which Agent is visible to the user
group_name	string	false	none	Group name
blackout	boolean	false	none	Enabled/Disabled alert blackout for the agent
status	string	false	none	Agent status can be UP, DOWN, or UNKNOWN
alerts	object	false	none	List of alert configured for the agent and it's status and how many are acknowledged
» total	integer	false	none	Number of alerts configured for the agent
» acknowledged	integer	false	none	Number of alerts, which are already been acknowledged
» high	integer	false	none	Number of alerts with state as 'High'
» medium	integer	false	none	Number of alerts with state as 'Medium'
» low	integer	false	none	Number of alerts with state as 'Low'
» high_acknowledged	integer	false	none	Number of alerts with state as 'High' and are acknowledged
» medium_acknowledged	integer	false	none	Number of alerts with state as 'Medium' and are acknowledged
» low_acknowledged	integer	false	none	Number of alerts with state as 'Low' and are acknowledged
version	string	false	none	Current version of the agent
processes	integer	false	none	Number of processes running

Name	Type	Required	Restrictions	Description
threads	integer	false	none	Number of threads for all the running processes
cpu_utilization	number	false	none	CPU utilization (Percentage)
memory_utilization	number	false	none	Memory utilization (Percentage)
swap_utilization	number	false	none	Swap memory utilization (Percentage)
disk_utilization	number	false	none	Overall disk utilization (Percentage)

Enumerated Values

Property	Value
status	UP
status	DOWN
status	UNKNOWN

AlertStatus

```
{
  "alert_since": "string",
  "alert_id": 0,
  "alert_name": "string",
  "alert_state": "High",
  "value": "string",
  "object_description": "string",
  "server_id": 0,
  "agent_id": 0,
  "database": "string",
  "schema": "string",
  "package": "string",
  "object": "string",
  "alert_target_level": "Global",
  "last_processed": "string",
  "info": "string",
  "info_cols": [
    "string"
  ],
  "info_vals": [
    [
      "string"
    ]
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
alert_since	string	false	none	Unix Time at which alert state has last changed.
alert_id	integer	false	none	Alert internal identification number
alert_name	string	false	none	Name of the alert.

Name	Type	Required	Restrictions	Description
alert_state	string	false	none	Current state of the alert. 'null' value suggested alert threshold values has not been violated for the alert at the moments.
value	string	false	none	Current value of the alert
object_description	string	false	none	Monitoring object description/name
server_id	integer	false	none	null or ID of the server
agent_id	integer	false	none	null or ID of the agent
database	string	false	none	null or name of the database
schema	string	false	none	null or name of the schema/namespace
package	string	false	none	null or name of the EDB package
object	string	false	none	null or name of any other type of object
alert_target_level	string	false	none	Alert target level
last_processed	string	false	none	String representing unix time at which the alert has been processed
info	string	false	none	Some information at the time of alert generated
info_cols	[string]	false	none	Array of column names for the information
info_vals	[array]	false	none	Detailed information associated with the alert in the form of table (array of array)

Enumerated Values

Property	Value
alert_state	High
alert_state	Medium
alert_state	Low
alert_target_level	Global
alert_target_level	Agent
alert_target_level	Server
alert_target_level	Database
alert_target_level	Schema
alert_target_level	Table
alert_target_level	Index
alert_target_level	Sequence
alert_target_level	Function
alert_target_level	View

CustomProbes

```

{
  "probe_id": 0,
  "probe_name": "string",
  "enabled": true,
  "target_type": 0,
  "internal_name": "string",
  "is_system_probe": true,
  "any_server_version": true,
  "collection_method": "w",
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_id": 0,
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_internal_name": "string",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_position": 0,
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Identifier for a probe.
probe_name	string	false	none	Name of the probe.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for a index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.
target_type	integer	false	none	
internal_name	string	false	none	<p>Defines the internal name of the probe. PEM system creates internal tables for storing the probe statistics in 'pemdata', and 'pemhistory' schema, and name of those table will be same as internal name.</p>
is_system_probe	boolean	false	none	<p>Defines whether this probe is user defined, or not. Value for this flag will always be false for a user defined probe.</p>
any_server_version	boolean	false	none	<p>Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documenation.</p>

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none
» pc_id	integer	false	none	Identifier of the column
» pc_name	string	false	none	Name of the column

Name	Type	Required	Restrictions	Description
				Data type of the column. Supported datatypes are: bigint char decimal double precision integer numeric real text text[] timestamp timestamptz
» pc_data_type	string	false	none	
» pc_internal_name	string	false	none	Returns the internal name of the column.
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_position	integer	false	none	Returns the position of the column in the internal table.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint

Property	Value
pc_data_type	char
pc_data_type	decimal
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbeExportData

```
{
  "probes": [
    0
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
probes	[integer]	false	none	List of the probe ids for the custom probes

CustomProbeImportData

```

{
  "version": 1,
  "skip_overwrite": true,
  "probes": [
    {
      "probe_name": "string",
      "collection_method": "w",
      "enabled": true,
      "target_type": 0,
      "any_server_version": true,
      "interval": 0,
      "lifetime": 0,
      "discard_history": true,
      "platform": "string",
      "probe_code": "string",
      "probe_columns": [
        {
          "pc_name": "string",
          "pc_data_type": "bigint",
          "pc_unit": "string",
          "pc_col_type": "m",
          "pc_graphable": true,
          "pc_calc_pit": true,
          "pc_pit_default": true
        }
      ],
      "alternate_code": [
        {
          "server_version_id": 0,
          "server_probe_code": "string"
        }
      ],
      "internal_name": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
version	integer	false	none	Version of the probe export.
skip_overwrite	boolean	false	none	Whether existing probes can be skipped
probes	[CustomProbeImportPostData]	false	none	none

CustomProbeImportPostData

```

{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ],
  "internal_name": "string"
}

```

Properties

allOf

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	CustomProbePostData	false	none	none

and

Name	Type	Required	Restrictions	Description
<i>anonymous</i>	object	false	none	none
» internal_name	string	false	none	Internal name of the probe from the system where probe was exported.

CustomProbePostData

```

{
  "probe_name": "string",
  "collection_method": "w",
  "enabled": true,
  "target_type": 0,
  "any_server_version": true,
  "interval": 0,
  "lifetime": 0,
  "discard_history": true,
  "platform": "string",
  "probe_code": "string",
  "probe_columns": [
    {
      "pc_name": "string",
      "pc_data_type": "bigint",
      "pc_unit": "string",
      "pc_col_type": "m",
      "pc_graphable": true,
      "pc_calc_pit": true,
      "pc_pit_default": true
    }
  ],
  "alternate_code": [
    {
      "server_version_id": 0,
      "server_probe_code": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
probe_name	string	false	none	Name of the probe.

Name	Type	Required	Restrictions	Description
collection_method	string	false	none	<p>Defines the method of statistics collection. PEM supports three methods for custom made probes. i.e. SQL, WMI, Batch/Shell script.</p> <ul style="list-style-type: none"> 'w' stands for WMI script. It is applicable for the windows platform only, and target_type will be 100 (i.e. agent). 'b' stands for Batch/Shell script. 'target_type' for this will be always be 100 (i.e. agent). It will behave as batch script on windows otherwise as a shell script. 's' stands for SQL script. It will be applicable only for 200 (i.e. server), 300 (i.e. database), 400 (i.e. schema), 500 (i.e. table), 600 (i.e. index), 700 (i.e. sequence), 800 (i.e. function), 900 (i.e. view).
enabled	boolean	false	none	<p>Defines whether the probe is enabled/disabled by default.</p>
target_type	integer	false	none	<p>Defines the type of the object on which the probe is applicable to.</p> <ul style="list-style-type: none"> A probe with target_type 100 is responsible for collecting statistics for an agent. A probe with target_type 200 is responsible for collecting statistics for a monitored server. A probe with target_type 300 is responsible for collecting statistics for a database. A probe with target_type 400 is responsible for collecting statistics for a schema. A probe with target_type 500 is responsible for collecting statistics for a table. A probe with target_type 600 is responsible for collecting statistics for an index. A probe with target_type 700 is responsible for collecting statistics for a sequence. A probe with target_type 800 is responsible for collecting statistics for a function. A probe with target_type 900 is responsible for collecting statistics for a view.

Name	Type	Required	Restrictions	Description
any_server_version	boolean	false	none	Defines whether this probe is applicable to any version of Postgres variant. For more details, please follow the documentation.
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
discard_history	boolean	false	none	Defines whether to discard the history data. It will not store the history of the data for this probe, when 'discard_history' is set to false.
platform	string	false	none	Defines on which platform this probe can run on. It is only applicable to an agent level probe.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	[object]	false	none	none

Name	Type	Required	Restrictions	Description
» pc_name	string	false	none	Name of the column
				Data type of the column. Supported datatypes are:
				bigint
				char
				decimal
				double precision
				integer
» pc_data_type	string	false	none	numeric
				real
				text
				text[]
				timestamp
				timestampz
» pc_unit	string	false	none	Returns the unit of the column.
» pc_col_type	string	false	none	Returns the columns is part of the primary key of the internal table, or not. 'k' stands for a key column, and 'm' stands for a member/normal column.
» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
» pc_calc_pit	boolean	false	none	Returns whether server calculates the point-in-time for the metric data for this column.
» pc_pit_default	boolean	false	none	Returns the metric is stored by point-in-time by default. Please refer the 'Custom Probes' section in the documentation for detailed information.
alternate_code	[AlternateServerProbeCode]	false	none	none

Enumerated Values

Property	Value
collection_method	w
collection_method	b
collection_method	s
pc_data_type	bigint
pc_data_type	char
pc_data_type	decimal

Property	Value
pc_data_type	double precision
pc_data_type	integer
pc_data_type	numeric
pc_data_type	real
pc_data_type	text
pc_data_type	text[]
pc_data_type	timestamp
pc_data_type	timestampz
pc_col_type	m
pc_col_type	k

CustomProbePutData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true,
  "probe_code": "string",
  "probe_columns": {
    "changed": {
      "pc_id": 0,
      "pc_unit": "string",
      "pc_graphable": true
    }
  },
  "alternate_code": {
    "changed": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ],
    "deleted": [
      {
        "server_version_id": 0
      }
    ],
    "added": [
      {
        "server_version_id": 0,
        "server_probe_code": "string"
      }
    ]
  }
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.
probe_code	string	false	none	A SQL/Batch script/Shell script/WMI script to collect the statistics as per definition of the code.
probe_columns	object	false	none	none
» changed	object	false	none	none
»» pc_id	integer	false	none	Identifier of the column
»» pc_unit	string	false	none	Returns the unit of the column.
»» pc_graphable	boolean	false	none	Returns whether the data of the column is graphable on a chart, or not.
alternate_code	object	false	none	none
» changed	[AlternateServerProbeCode]	false	none	List of the changed alternate probe code for some server version.
» deleted	[DeletedAlternateServerProbeCode]	false	none	List of the delete alternate probe code for some server versions.
» added	[AlternateServerProbeCode]	false	none	List of the alternate probe code added for some server versions.

Probes

```
{
  "probe_id": 0,
  "probe_name": "string",
  "default_interval_min": 0,
  "interval_min": 0,
  "default_interval_sec": 0,
  "interval_sec": 0,
  "default_interval": 0,
  "interval": 0,
  "default_lifetime": 0,
  "lifetime": 0,
  "default_enabled": true,
  "enabled": true,
  "target_type_id_returned": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
probe_id	integer	false	none	Unique id of the probe.
probe_name	string	false	none	Name of the probe.
default_interval_min	integer	false	none	Defines default interval for the probe to collect the statistics (in minutes). Possible values are from 0 to 2880.
interval_min	integer	false	none	Defines how frequently the probe will collect the statistics (in minutes). Possible values are from 0 to 2880.
default_interval_sec	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds). Possible values are from 0 to 59.
interval_sec	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds). Possible values are from 0 to 59.
default_interval	integer	false	none	Defines default interval for the probe to collect the statistics (in seconds).
interval	integer	false	none	Defines how frequently the probe will collect the statistics (in seconds).
default_lifetime	integer	false	none	Defines the default history data retention time (in days).
lifetime	integer	false	none	Defines the history data retention time (in days). It does not have any effect, if 'discard_history' is set to true.
default_enabled	boolean	false	none	Defines the default probe enabled/disabled value.
enabled	boolean	false	none	Defines whether the probe is enabled/disabled by default.

Name	Type	Required	Restrictions	Description
				Defines return target type value.
target_type_id_returned	integer	false	none	<ul style="list-style-type: none"> • A probe with target_type 100 is responsible for collecting statistics for an agent. • A probe with target_type 200 is responsible for collecting statistics for a monitored server. • A probe with target_type 300 is responsible for collecting statistics for a database. • A probe with target_type 400 is responsible for collecting statistics for a schema. • A probe with target_type 500 is responsible for collecting statistics for a table. • A probe with target_type 600 is responsible for collecting statistics for an index. • A probe with target_type 700 is responsible for collecting statistics for a sequence. • A probe with target_type 800 is responsible for collecting statistics for a function. • A probe with target_type 900 is responsible for collecting statistics for a view.

ProbeConfigData

```
{
  "interval_min": 0,
  "interval_sec": 0,
  "lifetime": 0,
  "enabled": true
}
```

Properties

Name	Type	Required	Restrictions	Description
interval_min	integer	false	none	Probe execution frequency (in minutes). Allowed interval value (in minutes) is 0-2880 minutes. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
interval_sec	integer	false	none	Probe execution frequency (in seconds). Allowed interval value (in seconds) is 0-59 seconds. NOTE: Total interval must be greater than 10 seconds. i.e. $10 \geq \text{interval_min} * 60 + \text{interval_sec} \geq 172800$.
lifetime	integer	false	none	Probe history data retention period (in days). i.e. $1 \geq \text{lifetime} \geq 365$.
enabled	boolean	false	none	Enable/Disable probe for the given object.

CopyAgentData

```
{
  "type": "string",
  "agent_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none

CopyServerData

```
{
  "type": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none

CopyDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none

CopySchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none

CopyAlertAgentData

```
{
  "type": "string",
  "agent_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "agent"
agent_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertServerData

```
{
  "type": "string",
  "server_id": 0,
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "server"
server_id	integer	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertDatabaseData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "database"
server_id	integer	false	none	none
database_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSchemaData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "schema"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertTableData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "table_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "table"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
table_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertIndexData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "index_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "index"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
index_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertFunctionData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "function_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "function"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
function_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

CopyAlertSequenceData

```
{
  "type": "string",
  "server_id": 0,
  "database_name": "string",
  "schema_name": "string",
  "sequence_name": "string",
  "ignore_duplicate_alerts": true
}
```

Properties

Name	Type	Required	Restrictions	Description
type	string	false	none	Value must be "sequence"
server_id	integer	false	none	none
database_name	string	false	none	none
schema_name	string	false	none	none
sequence_name	string	false	none	none
ignore_duplicate_alerts	boolean	false	none	Defines whether to ignore the duplicate alerts to be copied.

Agent

```
[
  {
    "id": 0,
    "name": "string",
    "version": "string",
    "active": true,
    "heartbeat_int": 0,
    "alert_blackout": true,
    "owner": "string",
    "team": "string",
    "group": 0
  }
]
```

Returns the list of the objects, which contains the agent information, version, capabilities, and details about the host on which it has been installed.

For example:

\

```
[{
  /* Agent information */
  "id": 1,
  "gid": 0,
  "name": "Postgres Enterprise Manager Host"
  "version": "6.0.1",
  "active": True,
  "heartbeat_int": 30,
  "alert_blackout": False,
  "owner": "postgres",
  "team": None,

  /* Deatils about the Host, on which it is installed */
  "operating_sys": "Ubuntu 12.04.5 LTS",
  "host_name": "akshay-ubuntu",

  "boot_time": "2016-09-19 12:28:27+05:30",
  "domain_name": "(none)",
  "window_domain": None,

  /* Agent capabilities */
  "capability_list": "unix, getloadavg, disk_space, memory_usage, cpu_usage, network_
os_statistics, os_info, slony_replication, auto_discover_servers, allow_server_restar

  /* Monitored servers */
  "server_bind": "Postgres Enterprise Manager Server, PostgreSQL 9.3, PostgreSQL 9.4"
}]
```

a

Properties

Name	Type	Required	Restrictions	Description
id	integer	true	none	Identity of the pem-agent
name	string	true	none	Description (name) of the agent.
version	string	true	none	Version of the pem-agent
active	boolean	true	none	Whether the agent is active, or not. An active agent is responsible for collecting the statistics for the host, and the monitored server..
heartbeat_int	integer	true	none	heartbeat interval (in seconds) for the agent. How frequently the agent will send the heartbeat status to the PEM database server about itself, and the monitoring database server.
alert_blackout	boolean	true	none	Flag to indicates about the alert blacked out for the agent
owner	string	true	none	Username, using whom the agent was installed, is called owner.
team	string	true	none	Name of the role/user, who can see this agent. null/empty value suggest, all user can see this agent.
group	integer	false	none	Identity of the group

Server

```

{
  "id": 0,
  "name": "string",
  "host": "string",
  "port": 0,
  "database": "string",
  "ssl": 0,
  "serviceid": "string",
  "active": true,
  "alert_blackout": true,
  "owner": 0,
  "team": "string",
  "server_owner": "string",
  "is_remote_monitoring": true,
  "efm_cluster_name": "string",
  "efm_service_name": "string",
  "efm_installation_path": "string",
  "comment": "string",
  "username": "string",
  "gid": 0,
  "db_restriction": "string",
  "role": "string",
  "is_edb": true,
  "agent_id": 0,
  "asb_host": "string",
  "asb_port": 0,
  "asb_username": "string",
  "asb_database": "string",
  "asb_sslmode": "string",
  "asb_password": "string",
  "asb_allowtakeover": "string",
  "agent_capability_list": [
    "string"
  ],
  "agent_description": "string",
  "fgcolor": "string",
  "bgcolor": "string",
  "sslcompression": true
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Server id
name	string	false	none	Server name
host	string	false	none	Server host
port	integer	false	none	Server port
database	string	false	none	Maintenance databse
ssl	integer	false	none	SSL mode

Name	Type	Required	Restrictions	Description
serviceid	string	false	none	Server service id
active	boolean	false	none	Defines whether the server is active, or not.
alert_blackout	boolean	false	none	Defines whether the alerts on the server are blacked out, or not.
owner	integer	false	none	ID of the owner, who registered the server with PEM.
team	string	false	none	Defines the role/username, who can see the server information.
server_owner	string	false	none	Name of the user, who registered the server on the PEM database server.
is_remote_monitoring	boolean	false	none	Defines whether this server is being monitored remotely (i.e. the monitoring pemAgent does not resides on the same host on the monitored server).
efm_cluster_name	string	false	none	Cluster name of EFM
efm_service_name	string	false	none	Service name of EFM
efm_installation_path	string	false	none	Installation Path of EFM
comment	string	false	none	Description about the Server.
username	string	false	none	Username for connecting the database server.
gid	integer	false	none	ID of the Server group
db_restriction	string	false	none	Database restriction SQL clause
role	string	false	none	The role the connection will use
is_edb	boolean	false	none	Is server an EDB Advanced Server?
agent_id	integer	false	none	Agent id bound to the server
asb_host	string	false	none	PEM database host used by agent while creating PEM connection.
asb_port	integer	false	none	PEM database port used by agent while creating PEM connection.
asb_username	string	false	none	PEM database user name used by agent while creating PEM connection.
asb_database	string	false	none	PEM database to which agent will connect.
asb_sslmode	string	false	none	PEM database ssl mode.
asb_password	string	false	none	empty string.
asb_allowtakeover	string	false	none	Whether server allowed to take over by another agent.
agent_capability_list	[string]	false	none	Array of capabilities the agent has
agent_description	string	false	none	Agent description
fgcolor	string	false	none	Foreground color of server node in browser tree
bgcolor	string	false	none	Background color of server node in browser tree
sslcompression	boolean	false	none	Whether data sent over ssl should be compressed or not.

Database

```
{
  "database_name": "string",
  "connections_allowed": true,
  "system_database": true,
  "recorded_time": "2019-08-24T14:15:22Z",
  "encoding": "string",
  "server_id": 0
}
```

Properties

Name	Type	Required	Restrictions	Description
database_name	string	false	none	Database name
connections_allowed	boolean	false	none	Is connection to database allowed
system_database	boolean	false	none	Is database system database
recorded_time	string(date-time)	false	none	When database was first detected by PEM agent
encoding	string	false	none	Database encoding
server_id	integer	false	none	Server id of database

Schema

```
{
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name of schema
server_id	integer	false	none	Server id schmea
recorded_time	string(date-time)	false	none	When schema was first detected by PEM agent

Table

```
{
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "has_primary_key": true,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
table_name	string	false	none	Table name
schema_name	string	false	none	schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
has_primary_key	boolean	false	none	Weather table has primary key
recorded_time	string	false	none	When table was first detected by PEM agent

Index

```
{
  "index_name": "string",
  "ind_keys": [
    0
  ],
  "table_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
index_name	string	false	none	Index name
ind_keys	[integer]	false	none	indexed column positions in table
table_name	string	false	none	Table name
schema_name	string	false	none	Schema
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string	false	none	When index was first detected by PEM agent

Sequence

```
{
  "sequence_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
sequence_name	string	false	none	Sequence name
schema_name	string	false	none	Schema name
database_name	string	false	none	Database name
server_id	integer	false	none	Server id
recorded_time	string(date-time)	false	none	When sequence was first detected by PEM agent

Function

```
{
  "function_name": "string",
  "function_type": "string",
  "return_type": "string",
  "arg_types": [
    "string"
  ],
  "function_binary": "string",
  "extension_name": "string",
  "package_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "2019-08-24T14:15:22Z"
}
```

Properties

Name	Type	Required	Restrictions	Description
function_name	string	false	none	Function name
function_type	string	false	none	Function type
return_type	string	false	none	Function return type
arg_types	[string]	false	none	Function argument types
function_binary	string	false	none	none
extension_name	string	false	none	none
package_name	string	false	none	Function package name
schema_name	string	false	none	Function schema
database_name	string	false	none	Function database name
server_id	integer	false	none	Function server id
recorded_time	string(date-time)	false	none	When function was first detected by PEM agent

View

```
{
  "view_name": "string",
  "view_type": "string",
  "ispopulated": true,
  "view_owner": "string",
  "definition": "string",
  "tablespace_name": "string",
  "schema_name": "string",
  "database_name": "string",
  "server_id": 0,
  "recorded_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
view_name	string	false	none	View name
view_type	string	false	none	View type
ispopulated	boolean	false	none	Is view populated
view_owner	string	false	none	View owner
definition	string	false	none	View definition
tablespace_name	string	false	none	View tablespace
schema_name	string	false	none	View schema
database_name	string	false	none	View database
server_id	integer	false	none	View server id
recorded_time	string	false	none	When view was first detected by PEM agent

Webhook

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_id": 0,
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Webhook id
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method
http_headers	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
payload_template	string	false	none	Payload template
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookPostData

```
{
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": [
    {
      "http_header_key": "string",
      "http_header_value": "string"
    }
  ],
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method

Name	Type	Required	Restrictions	Description
http_headers	[WebhookHTTPHeaders]	false	none	List of the http header key/value pair to be used by the webhook.
payload_template	string	false	none	Payload template
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookPutData

```
{
  "id": 0,
  "name": "string",
  "url": "string",
  "enabled": true,
  "method": "string",
  "http_headers": {
    "added": [
      {
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "changed": [
      {
        "http_header_id": 0,
        "http_header_key": "string",
        "http_header_value": "string"
      }
    ],
    "deleted": [
      {
        "http_header_id": 0
      }
    ]
  },
  "payload_template": "string",
  "low_alert": true,
  "med_alert": true,
  "high_alert": true,
  "cleared_alert": true
}
```

Properties

Name	Type	Required	Restrictions	Description
------	------	----------	--------------	-------------

Name	Type	Required	Restrictions	Description
id	integer	false	none	Webhook id
name	string	false	none	Webhook name
url	string	false	none	Webhook url
enabled	boolean	false	none	Defines whether the webhook is enabled, or not.
method	string	false	none	Request method
http_headers	object	false	none	none
» added	[WebhookHTTPHeaders]	false	none	List of the http header key/value pair to be added.
» changed	[WebhookGetHTTPHeaders]	false	none	List of the http header key/value pair to be updated.
» deleted	[object]	false	none	List of the http headerids to be deleted.
»» http_header_id	integer	false	none	ID of the http header
payload_template	string	false	none	Payload template
low_alert	boolean	false	none	Defines whether the low alert is enabled, or not.
med_alert	boolean	false	none	Defines whether the medium alert is enabled, or not.
high_alert	boolean	false	none	Defines whether the high alert is enabled, or not.
cleared_alert	boolean	false	none	Defines whether the cleared alert is enabled, or not.

WebhookGetHTTPHeaders

```
{
  "http_header_id": 0,
  "http_header_key": "string",
  "http_header_value": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
http_header_id	integer	false	none	ID of the http header
http_header_key	string	false	none	Name of the http header key
http_header_value	string	false	none	Name of the http header key

WebhookHTTPHeaders

```
{
  "http_header_key": "string",
  "http_header_value": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
http_header_key	string	false	none	Name of the http header key
http_header_value	string	false	none	Name of the http header key

EmailGroups

```
{
  "id": 0,
  "oid": 0,
  "gid": 0,
  "name": "string",
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Email group id
oid	integer	false	none	Email group options id
gid	integer	false	none	Email group id
name	string	false	none	Email group name
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members
to_time	string	false	none	Email group options to time to select time range for members

EmailGroupsPostData

```

{
  "name": "string",
  "options": [
    {
      "to_addr": "string",
      "cc_addr": "string",
      "bcc_addr": "string",
      "from_addr": "string",
      "reply_to_addr": "string",
      "subject_prefix": "string",
      "from_time": "string",
      "to_time": "string"
    }
  ]
}

```

Properties

Name	Type	Required	Restrictions	Description
name	string	false	none	Email group name
options	EmailGroupOptions	false	none	List of the email group options to be used by the email group.

EmailGroupsPutData

```

{
  "id": 0,
  "name": "string",
  "options": {
    "added": [
      {
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "changed": [
      {
        "oid": 0,
        "to_addr": "string",
        "cc_addr": "string",
        "bcc_addr": "string",
        "from_addr": "string",
        "reply_to_addr": "string",
        "subject_prefix": "string",
        "from_time": "string",
        "to_time": "string"
      }
    ],
    "deleted": [
      {
        "oid": 0
      }
    ]
  }
}

```

Properties

Name	Type	Required	Restrictions	Description
id	integer	false	none	Email group id
name	string	false	none	Email group name
options	object	false	none	none
» added	[EmailGroupOptions]	false	none	Email group options to be added.
» changed	[EmailGroupOptionsChanged]	false	none	Email group options to be updated.
» deleted	[object]	false	none	List of the http headerids to be deleted.
»» oid	integer	false	none	Email group options ID

EmailGroupOptions


```
{
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members
to_time	string	false	none	Email group options to time to select time range for members

EmailGroupOptionsChanged

```
{
  "oid": 0,
  "to_addr": "string",
  "cc_addr": "string",
  "bcc_addr": "string",
  "from_addr": "string",
  "reply_to_addr": "string",
  "subject_prefix": "string",
  "from_time": "string",
  "to_time": "string"
}
```

Properties

Name	Type	Required	Restrictions	Description
oid	integer	false	none	Email group options ID
to_addr	string	false	none	Email group options receiver address
cc_addr	string	false	none	Email group options CC address
bcc_addr	string	false	none	Email group options BCC address
from_addr	string	false	none	Email group options sender address
reply_to_addr	string	false	none	Email group options reply to address
subject_prefix	string	false	none	Email group options subject prefix
from_time	string	false	none	Email group options from time to select time range for members

Name	Type	Required	Restrictions	Description
to_time	string	false	none	Email group options to time to select time range for members

ExcludeDatabases

```
{
  "server_id": 0,
  "name": "string",
  "exclude_databases": [
    "string"
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
server_id	integer	false	none	Server id
name	string	false	none	Server name
exclude_databases	[string]	false	none	Exclude database names(Comma separated)

ExcludeDatabasesPutData

```
{
  "exclude_databases": [
    "string"
  ]
}
```

Properties

Name	Type	Required	Restrictions	Description
exclude_databases	[string]	false	none	Exclude database names(Comma separated)