

REST API Reference - v1.0



Base URL

The base URL for the v1.0 API is: `/api/v1`

For example, a request to its `users` endpoint will be `http://localhost/api/v1/users`

REST API v1.0 operations are available for the following categories:

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- [Analytics](#)
- [Application](#)
- [Authentication](#)
- [Connections](#)
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- [Dashboards](#)
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- [ElastiCubes](#)
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- [Geo](#)
- [Groups](#)
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- [Live Connectors](#)
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Account

GET

/account/activate/{token}

The **validate activation token** endpoint receives the temporary *activation token* generated by `begin_activate` and either returns the username of the user to be activated, or an error if the token is invalid, for example if it was already used.

Parameters

Parameter	Description	Parameter Type	Data Type
token	The user's activation token.	path	string

Response Class

```
{
  "userName": "string"
}
```

Error Status Codes

HTTP Status Code	Reason
200	Token validated
404	Provided token is invalid

GET

/account/get_license_info

The **license info** endpoint returns a list of features enabled on your account and the number of users in use versus the total number of users available for your account.

For more information about the fields returned, see [Licensing Utilization](#).

Response Class

```
{
  "bigData": true,
  "expirationDate": "string",
  "highAvailability": true,
  "inUseAdmins": 0,
  "inUseDesigners": 0,
  "inUseViewers": 0,
  "maxAdmins": 0,
  "maxDesigners": 0,
  "maxViewers": 0,
  "trial": true
}
```

GET

/account
/reset
_password/
{token}

The **validate password reset token** endpoint receives the temporary *password reset token* generated by *begin_reset_password* and either returns the username of the user who's password will be reset, or an error if the token is invalid, for example if it was already used.

Parameters

Parameter	Description	Parameter Type	Data Type
token	The temporary password reset token	path	string

Response Class

```
{  
  "userName": "string"  
}
```

Error Status Codes

HTTP Status Code	Reason
200	Reset token is valid
404	Reset token is invalid

POST

/account
/begin
_activate

The **begin activation** endpoint is the starting point for the user activation process. It generates a temporary *activation token* for the user associated with the provided email address and sends an activation email to them.

Parameters

Parameter	Description	Parameter Type	Data Type
emailObj	The email address of the user to be activated.	body	Object [schema]: <pre>{ "email": "string" }</pre>

Error Status Codes

HTTP Status Code	Reason
204	Email sent successfully
404	Invalid email

POST

/account/activate/{token}

The **activate** endpoint receives the *activation token* and a new password and updates the user's password accordingly.

Parameters

Parameter	Description	Parameter Type	Data Type
token	The user's activation token.	path	string
passwordObject	The new password (MD5).	body	Object [schema]: <pre>{ "password": "string" }</pre>

Error Status Codes

HTTP Status Code	Reason
204	User activated successfully
404	Invalid activation token

POST

/account/begin_activate_bulk

The **bulk begin activation** endpoint is the starting point for the user activation process when activating multiple users. It generates a temporary *activation token* for the users associated with the provided email addresses and sends an activation email to them.

Parameters

Parameter	Description	Parameter Type	Data Type
emailList	The list of user emails to be activated.	body	Object [schema]: <pre>[{ "email": "string" }]</pre>

Error Status Codes

HTTP Status Code	Reason
204	Email sent successfully
404	Invalid email

POST

/account
/begin
_reset
_password

The **begin reset password** endpoint is the starting point for the password reset process. It generates a temporary *password reset token* for the user associated with the provided email address and sends a password reset email to them.

Parameters

Parameter	Description	Parameter Type	Data Type
emailObject	The email address of the user whose password needs to be reset.	body	Object [schema]: <pre>{ "email": "string" }</pre>

Error Status Codes

HTTP Status Code	Reason
204	Email sent successfully
404	Invalid email

POST

/account
/reset
_password/
{token}

The **reset password** endpoint receives the *reset password token* and a new password and updates the user's password accordingly.

Parameters

Parameter	Description	Parameter Type	Data Type
token	The temporary password reset token.	path	string
passwordObject	The new password (MD5).	body	Object [schema]: <pre>{ "password": "string" }</pre>

Error Status Codes

HTTP Status Code	Reason
204	Password was reset successfully
404	Reset token is invalid

Admin

GET

/dashboards
/admin

The **get all dashboards** endpoint provides access to all available dashboards in their stored format as `JSON` objects. Its results can be filtered by parameters such as dashboard type, dashboard name, parent folder, or datasource.

Response Class

```
[
  {
    "title": "string",
    "desc": "string",
    "oid": "string",
    "type": "string",
    "shares": [
      {

```

```

        "shareId": "string",
        "type": "user",
        "rule": "view",
        "subscribe": true
    }
],
"style": {
    "name": "string",
    "palette": {
        "colors": [
            "string"
        ],
        "name": "string",
        "isSystem": true
    }
},
"owner": "string",
"userId": "string",
"created": "2016-02-29T10:18:57.986Z",
"lastUpdated": "2016-02-29T10:18:57.986Z",
"datasource": {
    "title": "string",
    "id": "string",
    "address": "string",
    "database": "string",
    "fullname": "string"
},
"filters": [
    {
        "jaql": {
            "dim": "string",
            "datatype": "string",
            "title": "string"
        }
    }
],
"instanceType": "string",
"layout": {
    "type": "string",
    "columns": [
        {
            "width": 0,
            "cells": [
                {
                    "subcells": [
                        {
                            "elements": [
                                {
                                    "widgetId": "string",
                                    "minHeight": 0,
                                    "maxHeight": 0,
                                    "minWidth": 0,
                                    "maxWidth": 0,
                                    "height": 0,
                                    "defaultWidth": 0
                                }
                            ]
                        }
                    ]
                }
            ]
        }
    ]
}
],
"defaultFilters": [
    {
        "jaql": {
            "dim": "string",
            "datatype": "string",
            "title": "string"
        }
    }
]

```

```

    }
  ]
}
]

```

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, refer to the API tutorial .	header	string
dashboardType	Dashboard instance type to filter by.	query	string
id	Dashboard ID to filter by.	query	string
parentFolder	Parent folder ID to filter by.	query	string
name	Name to filter by.	query	string
datasourceTitle	Data source name to filter by.	query	string
datasourceAddress	Data source address to filter by.	query	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
sort	Field by which the results should be sorted. Ascending by default, descending if prefixed by <code>-</code>	query	string
skip	Number of results to skip from the start of the data set. To be used with the <code>limit</code> parameter for paging.	query	integer
limit	How many results should be returned. To be used with the <code>skip</code> parameter for paging.	query	integer
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResourceformat</code> .	query	string

POST

/dashboards/{id}/admin/change_owner

The **change owner** endpoint updates the owner of a dashboard according to the dashboard ID.

Response Class

```

{
  "title": "string",
  "desc": "string",
  "oid": "string",
  "type": "string",
  "shares": [
    {
      "shareId": "string",
      "type": "user",
      "rule": "view",
      "subscribe": true
    }
  ],
  "style": {
    "name": "string",
    "palette": {
      "colors": [
        "string"
      ],
      "name": "string",
      "isSystem": true
    }
  },
  "owner": "string",
  "userId": "string",
  "created": "2016-02-29T10:18:57.999Z",
  "lastUpdated": "2016-02-29T10:18:57.999Z",
  "datasource": {
    "title": "string",

```

```

    "id": "string",
    "address": "string",
    "database": "string",
    "fullname": "string"
  },
  "filters": [
    {
      "jaql": {
        "dim": "string",
        "datatype": "string",
        "title": "string"
      }
    }
  ],
  "instanceType": "string",
  "layout": {
    "type": "string",
    "columns": [
      {
        "width": 0,
        "cells": [
          {
            "subcells": [
              {
                "elements": [
                  {
                    "widgetId": "string",
                    "minHeight": 0,
                    "maxHeight": 0,
                    "minWidth": 0,
                    "maxWidth": 0,
                    "height": 0,
                    "defaultWidth": 0
                  }
                ]
              }
            ]
          }
        ]
      }
    ]
  },
  "defaultFilters": [
    {
      "jaql": {
        "dim": "string",
        "datatype": "string",
        "title": "string"
      }
    }
  ]
}

```

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial .	header	string
id	The ID of the dashboard to update.	path	string
ownerData	Object with the ID of new owner of a dashboard.	body	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Object [schema]:</p> <pre>{ "ownerId": "string", "originalOwnerRule": "edit" }</pre> </div>

POST

/dashboard
s/
{server}/
{title}/
replace_data
source

The **replace datasource** endpoint replaces the datasource object of all the dashboards and widgets in the system.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial .	header	string
server	Datasource server("Set" for elasticbe sets) to update.	path	string
title	Datasource title to update.	path	string
dashboardId	The ID of the dashboard to get.	query	string
datasource	<p>The new datasource object.</p> <p>The recommended way for locating the details of a datasource is to retrieve a dashboard that uses the datasource already. Through the GET /dashboards/{id} endpoint, you can enter your dashboard's ID and retrieve the dashboard's details, which includes the datasource object. This object contains all the information you need to replace your datasource, for example, the details of a sample dashboard and its datasource are as follows:</p> <pre>"datasource": { "title": "Sample ECommerce", "fullname": "LocalHost/Sample ECommerce", "id": "aLOCALHOST_aSAMPLEIAAAeCOMMERCE", "address": "LocalHost", "database": "aSampleIAAAeCommerce" },</pre>	body	<p>Object [schema]:</p> <pre>{ "title": "string", "id": "string", "address": "string", "database": "string", "fullname": "string" }</pre>

<p>GET</p>	<p>/alerts</p>	<p>The get alert endpoint provides access to a specified user's alert in their stored format as JSON objects.</p> <h3>Parameters</h3> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> <tr> <td>ids</td> <td>Array of alert IDs to get separated by a comma (,) and without spaces.</td> <td>query</td> <td>Array [string]</td> </tr> <tr> <td>fields</td> <td>Whitelist of fields to return for each document. fields Can also define which fields to exclude by prefixing field names with <code>-</code>.</td> <td>query</td> <td>string</td> </tr> <tr> <td>sort</td> <td>Field by which the results should be sorted. Ascending by default, descending if prefixed by <code>-</code>.</td> <td>query</td> <td>string</td> </tr> <tr> <td>skip</td> <td>Number of results to skip from the start of the data set. skip is to be used with the limit parameter for paging.</td> <td>query</td> <td>number</td> </tr> <tr> <td>limit</td> <td>How many results should be returned. limit is to be used with the skip parameter for paging.</td> <td>query</td> <td>number</td> </tr> <tr> <td>expand</td> <td>List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the resource.subResource format.</td> <td>query</td> <td>string</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	ids	Array of alert IDs to get separated by a comma (,) and without spaces.	query	Array [string]	fields	Whitelist of fields to return for each document. fields Can also define which fields to exclude by prefixing field names with <code>-</code> .	query	string	sort	Field by which the results should be sorted. Ascending by default, descending if prefixed by <code>-</code> .	query	string	skip	Number of results to skip from the start of the data set. skip is to be used with the limit parameter for paging.	query	number	limit	How many results should be returned. limit is to be used with the skip parameter for paging.	query	number	expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the resource.subResource format.	query	string
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PATCH	/alerts /{id}	<p>The update alert endpoint performs a partial update on the alert of the defined ID, updating the fields in the alert object defined in the body. The fields that can be updated are name, enabled, message, parties, action, context.</p> <h2>Parameters</h2> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> <tr> <td>id</td> <td>The ID of the alert to be updated.</td> <td>path</td> <td>string</td> </tr> <tr> <td>alert</td> <td>The partial alert object whose field will be updated.</td> <td>body</td> <td>object</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	id	The ID of the alert to be updated.	path	string	alert	The partial alert object whose field will be updated.	body	object
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PATCH	/alerts /{id} /setRe ceive Notific ation	<p>The update receive notification endpoint removes or adds a specific user to be notified when the alert is being executed.</p> <h2>Parameters</h2> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> <tr> <td>id</td> <td>The ID of the alert to be updated.</td> <td>path</td> <td>string</td> </tr> <tr> <td>alert</td> <td>The user and parameter Whether to disable or enable the user.</td> <td>body</td> <td>object</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	id	The ID of the alert to be updated.	path	string	alert	The user and parameter Whether to disable or enable the user.	body	object
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DELETE	/alerts /{id}	<p>The delete alert endpoint deletes an alert and all of its related events.</p> <h2>Parameters</h2> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> <tr> <td>id</td> <td>The ID of the alert to be deleted.</td> <td>path</td> <td>string</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	id	The ID of the alert to be deleted.	path	string
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Analytics

GET	/analy tics /token	<p>Returns a token used to authenticate calls to /analytics API endpoints. You must provide this token when making calls to the /analytics/collection/{collection} endpoint.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string
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GET	/analy tics /token /revoke	<p>Revoke the token used to authenticate your calls to /analytics endpoints.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string
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GET	/analytics/collec tion/{collec tion}	<p>Returns a collection of Sisense entities as defined in the collection parameter. Entities include objects such as Elasticubes, widgets, users, groups, or dashboards.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The /analytics endpoint API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial. You can retrieve this token through the /analytics/token endpoint.</td> <td>header</td> <td>string</td> </tr> <tr> <td>collection</td> <td>Collection name to be returned.</td> <td>path</td> <td>string</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The /analytics endpoint API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial . You can retrieve this token through the /analytics/token endpoint.	header	string	collection	Collection name to be returned.	path	string
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collection	Collection name to be returned.	path	string											

Application

GET	/applic ation/ /status	<p>The application status endpoint provides information on the current status of the Sisense application. It provides the version number and some licensing information.</p> <p>Response Class</p> <pre> { "version": "string", "license": { "isMobileEnabled": true, "isExpired": true } } </pre> <p>Error Status Codes</p> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>200</td> <td>Current application status</td> </tr> </tbody> </table>	HTTP Status Code	Reason	200	Current application status
HTTP Status Code	Reason					
200	Current application status					

Authentication

GET	/auth entication /logout	<p>The logout endpoint revokes the given user's token, ensuring requests made with it will no longer work. A new token may be generated using the login endpoint.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>x-device-id</td> <td>The device ID.</td> <td>header</td> <td>string</td> </tr> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> <tr> <td>collection</td> <td>Collection name to be returned.</td> <td>query</td> <td>string</td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>204</td> <td>Log out was performed successfully. The API token has been revoked.</td> </tr> <tr> <td>401</td> <td>Unauthorized: Invalid API token.</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	x-device-id	The device ID.	header	string	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	collection	Collection name to be returned.	query	string	HTTP Status Code	Reason	204	Log out was performed successfully. The API token has been revoked.	401	Unauthorized: Invalid API token.
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<p>GET</p>	<p>/authentication/logout_all</p>	<p>The logout all endpoint revokes all if a user's existing tokens, both for the API and all devices.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>x-device-id</td> <td>The device ID.</td> <td>header</td> <td>string</td> </tr> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>204</td> <td>Log out was performed successfully. The API token has been revoked.</td> </tr> <tr> <td>401</td> <td>Unauthorized: Invalid API token.</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	x-device-id	The device ID.	header	string	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	HTTP Status Code	Reason	204	Log out was performed successfully. The API token has been revoked.	401	Unauthorized: Invalid API token.				
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<p>GET</p>	<p>/authentication/admin/logout</p>	<p>The admin logout endpoint allows admin users to revoke all tokens of multiple users.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>x-device-id</td> <td>The device ID.</td> <td>header</td> <td>string</td> </tr> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> <tr> <td>users</td> <td>User IDs whose tokens are to be revoked, separated by a comma (,) and without spaces</td> <td>query</td> <td>Array [string]</td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>204</td> <td>Tokens revoked successfully</td> </tr> <tr> <td>401</td> <td>Invalid token</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	x-device-id	The device ID.	header	string	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	users	User IDs whose tokens are to be revoked, separated by a comma (,) and without spaces	query	Array [string]	HTTP Status Code	Reason	204	Tokens revoked successfully	401	Invalid token
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<p>GET</p>	<p>/authentication/server_access</p>	<p>The get all servers access endpoint returns a list of trusted servers that can copy dashboards to your server.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>200</td> <td>An array of trusted servers</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	HTTP Status Code	Reason	200	An array of trusted servers										
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POST

/authentication/login

The **login** endpoint validates passed credentials and returns an API token for subsequent requests to the API.

Response Class

```
{
  "success": true,
  "message": "string",
  "access_token": "string",
  "profile": {}
}
```

Error Status Codes

HTTP Status Code	Reason
401	Unauthorized: Invalid credentials. Wrong username or password.

POST

/authentication/server_access

The **add server access** endpoint adds a trusted server with access to Sisense.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string
serverAccess	The server object (in JSON notation) to be added to the Trusted Server list.	body	

Error Status Codes

HTTP Status Code	Reason
200	Server was added
400	Server already exists

POST

/authentication/login_saml_callback

The **login_saml_callback** endpoint receives passed SAML credentials and returns an API token for subsequent requests to the API.

Parameters

Parameter	Description	Parameter Type	Data Type
RelayState	The original URL that the user requested.	formData	string
SAMLResponse	Response from SAML identity provider with decoded user data.	formData	string

Error Status Codes

HTTP Status Code	Reason
302	Redirect to the original URL

PATCH

/authentication/serve_r_access/{id}

The **patch servers access** endpoint edits a trusted server by its ID. You can retrieve the ID through the get servers access endpoint.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string
id	The ID of the trusted server.	path	string
serverAccess	The server object (in JSON notation) to be edited in the Trusted Server list.	body	

Error Status Codes

HTTP Status Code	Reason
200	No response was specified

DELETE

/authentication/serve_r_access/{id}

The **delete servers access** endpoint removes a trusted server from the Trusted Server Access list.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string
id	The ID of the trusted server.	path	string

Error Status Codes

HTTP Status Code	Reason
200	No response was specified

DELETE

/authentication/admin/token_s/{token Type}

The **admin delete tokens** endpoint allows admin users to revoke all API tokens of multiple users, leaving the device tokens intact.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string
tokenType	The ID of the trusted server.	path	string
users	User IDs whose tokens are to be revoked, separated by a comma (,) and without spaces.	query	Array [string]

Error Status Codes

HTTP Status Code	Reason
204	API token revoked successfully
401	Invalid token

Connections

GET	/connection	<p>The get connection endpoint returns a list of configured connections.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>sort</td> <td>Determines how the results should be sorted. Ascending by default, descending if prefixed by -</td> <td>query</td> <td>string</td> </tr> <tr> <td>skip</td> <td>Number of results to skip from the start of the data set. skip is to be used with the limit parameter for paging</td> <td>query</td> <td>integer</td> </tr> <tr> <td>limit</td> <td>How many results should be returned. limit is to be used with the skip parameter for paging</td> <td>query</td> <td>integer</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	sort	Determines how the results should be sorted. Ascending by default, descending if prefixed by -	query	string	skip	Number of results to skip from the start of the data set. skip is to be used with the limit parameter for paging	query	integer	limit	How many results should be returned. limit is to be used with the skip parameter for paging	query	integer
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GET	/connection/{id}	<p>The get connection by ID endpoint returns a connection object by ID.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> <tr> <td>id</td> <td>The ID of the live connection. You can retrieve this ID through the get /connection endpoint.</td> <td>path</td> <td>integer</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	id	The ID of the live connection. You can retrieve this ID through the get /connection endpoint.	path	integer				
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GET	/connection/recent	<p>The list connections endpoint returns list of recently used connections.</p>																
POST	/connection	<p>The create connection endpoint creates a new connection object.</p> <p>Parameters</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> <tr> <td>connection</td> <td>The new connection object.</td> <td>body</td> <td></td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string	connection	The new connection object.	body					
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Custom																		

GET	/custom_data	<p>The get custom data endpoint returns a list of arrays that contain the content of all your custom data added to the Sisense MongoDB.</p> <p>Parameters</p> <table border="1" data-bbox="440 239 1484 363"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial.</td> <td>header</td> <td>string</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to API tutorial .	header	string				
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Dashboards														
GET	/dashboards	<p>The get dashboards endpoint provides access to a dashboard of a user based on the token provided as the value of the authorization parameter. It's results can be filtered by parameters such as dashboard name, parent folder, or datasource.</p> <p>The only expandable field for the dashboard object is <code>widgets</code>.</p> <p>Parameters</p>												

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
parentFolder	Parent folder ID to filter by	query	string
name	Name to filter by	query	string
datasourceTitle	Data source name to filter by	query	string
datasourceAddress	Data source address to filter by	query	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with -	query	string
sort	Field by which the results should be sorted. Ascending by default, descending if prefixed by -	query	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```
[
  {
    "title": "string",
    "desc": "string",
    "oid": "string",
    "type": "string",
    "shares": [
      {
        "shareId": "string",
        "type": "user",
        "rule": "view",
        "subscribe": true
      }
    ],
    "style": {
      "name": "string",
      "palette": {
        "colors": [
          "string"
        ],
        "name": "string",
        "isSystem": true
      }
    },
    "owner": "string",
    "userId": "string",
    "created": "2015-11-15T13:39:24.483Z",
    "lastUpdated": "2015-11-15T13:39:24.483Z",
    "datasource": {
      "title": "string",
      "id": "string",
      "address": "string",
      "database": "string"
    },
    "filters": [
      {
        "jaql": {
          "dim": "string",
          "datatype": "string",
          "title": "string"
        }
      }
    ],
    "instanceType": "string",
    "layout": {
      "type": "string",
      "columns": [
        {
          "width": 0,
```

```

"cells": [
  {
    "subcells": [
      {
        "elements": [
          {
            "widgetId": "string",
            "minHeight": 0,
            "maxHeight": 0,
            "minWidth": 0,
            "maxWidth": 0,
            "height": 0,
            "defaultWidth": 0
          }
        ]
      }
    ]
  }
],
"defaultFilters": [
  {
    "jaql": {
      "dim": "string",
      "datatype": "string",
      "title": "string"
    }
  }
]
}
]

```

Error Status Codes

HTTP Status Code	Reason
200	An array of dashboards

GET

/dashboards/{id}

The **get dashboard by ID** endpoint returns a specific dashboard object by ID.

Note: Results are returned for only one data source even if your dashboard is connected to multiple dashboards.

The only expandable field for the dashboard object is `widgets`.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to get	path	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```

{
  "title": "string",
  "desc": "string",

```

```
"oid": "string",
"type": "string",
"shares": [
  {
    "shareId": "string",
    "type": "user",
    "rule": "view",
    "subscribe": true
  }
],
"style": {
  "name": "string",
  "palette": {
    "colors": [
      "string"
    ],
    "name": "string",
    "isSystem": true
  }
},
"owner": "string",
"userId": "string",
"created": "2015-11-15T13:39:24.493Z",
"lastUpdated": "2015-11-15T13:39:24.493Z",
"datasource": {
  "title": "string",
  "id": "string",
  "address": "string",
  "database": "string"
},
"filters": [
  {
    "jaql": {
      "dim": "string",
      "datatype": "string",
      "title": "string"
    }
  }
],
"instanceType": "string",
"layout": {
  "type": "string",
  "columns": [
    {
      "width": 0,
      "cells": [
        {
          "subcells": [
            {
              "elements": [
                {
                  "widgetId": "string",
                  "minHeight": 0,
                  "maxHeight": 0,
                  "minWidth": 0,
                  "maxWidth": 0,
                  "height": 0,
                  "defaultWidth": 0
                }
              ]
            }
          ]
        }
      ]
    }
  ]
}
},
"defaultFilters": [
  {
    "jaql": {
      "dim": "string",
```

```

    "datatype": "string",
    "title": "string"
  }
}
]
}

```

Error Status Codes

HTTP Status Code	Reason
200	The dashboard with the given ID

GET

/dashboards/export

The export dashboards endpoint returns the dashboards JSON content in a .dash file, which can be imported into Sisense.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The IDs of the dashboards to be exported.	query	Array [string]

Error Status Codes

HTTP Status Code	Reason
404	Dashboard not found

GET

/dashboards/{id}/export/png

The **export dashboard to .png** endpoint returns the requested dashboard rendered as a .png image file. It can be configured to export images of different width, and to include or exclude certain parts (such as dashboard filters). Note that dashboards rendered this way have a different layout of dashboards displayed in the application, called the reporting layout.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to export	path	string
includeTitle	Should dashboard title be included in the exported file	query	boolean
includeFilters	Should dashboard filters be included in the exported file	query	boolean
includeDs	Should dashboard data source info be included in the exported file	query	boolean
width	Render width in pixels	query	string

Error Status Codes

HTTP Status Code	Reason
200	Image file

GET

/dashboards/{id}/export/pdf

The **export dashboard to .pdf** endpoint returns the requested dashboard rendered as a .pdf document file. It can be configured to export PDFs of different paper sizes, orientation, as well as to include or exclude certain parts (such as dashboard filters). Note that dashboards rendered this way have a different layout to dashboards displayed in the application, and can be either the **as is** layout (the reporting layout) or the **feed** layout which puts each widget in it's own line.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to export	path	string
paperFormat	What paper format should be used while rendering the dashboard	query	string
paperOrientation	What paper orientation should be used while rendering the dashboard	query	string
layout	What layout should be used while rendering the dashboard, <i>as is</i> or <i>feed</i>	query	string
includeTitle	Include dashboard title in the exported file	query	boolean
includeFilters	Include dashboard filters in the exported file	query	boolean
includeDs	Include dashboard data source details in the exported file	query	boolean
widgetid	Enter the ID of the widget to be exported. This option is only available for Pivot and Table widgets	query	string
preview	If a report was created on a prior to Sisense V6.5 and was never updated in a newer version of Sisense, then Sisense continues to send the old dashboard report. If this value is true, and the report was created in Sisense V6.5 and later, Sisense sends the updated dashboard reports.	query	boolean
rowCount	The amount of Pivot or Table rows to be exported. This option is only available for Pivot and Table widgets	query	double
showTitle	Include the Pivot or Table widget's title in the exported file. This option is only available for Pivot and Table widgets	query	boolean
showFooter	Include the Pivot or Table widget's footer in the exported file. This option is only available for Pivot and Table widgets	query	boolean
title	Enter the Pivot or Table widget's title text to be displayed in the exported file. This option is only available for Pivot and Table widgets	query	string
titleSize	Select the Pivot or Table widget's title size to be displayed in the exported file. This option is only available for Pivot and Table widgets	query	string
titlePosition	Select the Pivot or Table widget's title position to be displayed in the exported file. This option is only available for Pivot and Table widgets	query	string

Error Status Codes

HTTP Status Code	Reason
200	PDF file

GET

/dashboards/{id}/export/dash

The **export dashboard to .dash file** endpoint returns the dashboard's JSON in a .dash file that can be later imported into Sisense.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to export	path	string

Error Status Codes

HTTP Status Code	Reason
200	Dash file

GET

/dashboards/{dashboard}/shares

The **get shares** endpoint returns a dashboard's share configurations.

The expandable fields for the shares object are `group` and `user`.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard who's shares to get.	path	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```
[
  {
    "shareId": "string",
    "type": "user",
    "rule": "view",
    "subscribe": true
  }
]
```

Error Status Codes

HTTP Status Code	Reason
200	An array of the dashboard's sharing configurations
404	expand resource not found

GET

/dashboards/{dashboard}/widgets

The **get dashboard widgets** endpoint returns an array of a dashboard's widgets. The result can be filtered by different parameters such as the widget type or title.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard to get	path	string
title	Widget title to filter by	query	string
type	Widget type to filter by	query	string
subtype	Widget sub-type to filter by	query	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
sort	Field by which the results should be sorted. Ascending by default, descending if prefixed by <code>-</code>	query	string
skip	Number of results to skip from the start of the data set. To be used with the <code>limit</code> parameter for paging	query	integer
limit	How many results should be returned. To be used with the <code>skip</code> parameter for paging	query	integer

Response Class


```
[
  {
    "title": "string",
    "oid": "string",
    "datasource": {
      "title": "string",
      "id": "string",
      "address": "string",
      "database": "string"
    },
    "type": "string",
    "subtype": "string",
    "dashboardid": "string",
    "owner": "string",
    "userid": "string",
    "instancetype": "string",
    "lastUpdated": "2015-11-15T13:39:24.518Z",
    "metadata": {
      "panels": [
        {
          "name": "string",
          "items": [
            {
              "jaql": {
                "dim": "string",
                "datatype": "string",
                "title": "string"
              },
              "field": {
                "id": "string",
                "index": 0
              },
              "format": {}
            }
          ]
        }
      ]
    },
    "shares": [
      {
        "shareId": "string",
        "type": "user",
        "rule": "view",
        "subscribe": true
      }
    ]
  }
]
```

Error Status Codes

HTTP Status Code	Reason
200	An array of widgets

GET

/dashboards/{dashboard}/shares/{id}

The **get share by id** endpoint returns the details of a specific share of the dashboard.

The expandable fields for the shares object are `group` and `user`.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard to get.	path	string
id	The ID of the share to get.	path	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```
{
  "shareId": "string",
  "type": "user",
  "rule": "view",
  "subscribe": true
}
```

Error Status Codes

HTTP Status Code	Reason
200	A dashboard share configuration
404	expand resource not found

GET

/dashboards/{dashboard}/widgets/{id}

The **get dashboard widget by ID** endpoint returns a specific widget (by ID) from a specific dashboard.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard containing the widget	path	string
id	The ID of the widget to get	path	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string

Response Class

```

{
  "title": "string",
  "oid": "string",
  "datasource": {
    "title": "string",
    "id": "string",
    "address": "string",
    "database": "string"
  },
  "type": "string",
  "subtype": "string",
  "dashboardid": "string",
  "owner": "string",
  "userId": "string",
  "instanceType": "string",
  "lastUpdated": "2015-11-15T13:39:24.532Z",
  "metadata": {
    "panels": [
      {
        "name": "string",
        "items": [
          {
            "jaql": {
              "dim": "string",
              "datatype": "string",
              "title": "string"
            },
            "field": {
              "id": "string",
              "index": 0
            },
            "format": {}
          }
        ]
      }
    ]
  },
  "shares": [
    {
      "shareId": "string",
      "type": "user",
      "rule": "view",
      "subscribe": true
    }
  ]
}

```

Error Status Codes

HTTP Status Code	Reason
200	The widget with the given ID

GET

/dashboards/{dashboardId}/widgets/{id}/export/png

The **export widget to .png** endpoint returns a specified widget rendered as a .png image. The desired output image size (height & width) must be specified.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard containing the widget	path	string
id	The ID of the widget to export	path	string
width	Render width in pixels	query	string
height	Render height in pixels	query	string

Error Status Codes

HTTP Status Code	Reason
200	Image file

POST

/dashboards

The **add dashboard** endpoint receives a dashboard object and adds it to the user's dashboards.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboard	Basic dashboard object to be added	body	<p>Object [schema]:</p> <pre>{ "title": "string", "desc": "string", "datasource": { "title": "string", "id": "string", "address": "string", "database": "string" }, "filters": [{ "jaql": { "dim": "string", "datatype": "string", "title": "string" } }], "layout": { "type": "string", "columns": [{ "width": 0, "cells": [</pre>

```
{
  "subcells": [
    {
      "elements": [
        {
          "widgetId":
          "string",
          "minHeight": 0,
          "maxHeight": 0,
          "minWidth": 0,
          "maxWidth": 0,
          "height": 0,
          "defaultWidth": 0
        }
      ]
    }
  ]
},
"defaultFilters":
[
  {
    "jaql": {
      "dim":
      "string",
      "datatype":
      "string",
      "title":
      "string"
    }
  }
]
```

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

POST

/dashboards/copy

The copy dashboards to server endpoint copies the selected dashboards to a remote Sisense server.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
copyRequest	The copy request object.	body	
republish	Republish dashboards on target server after copying (only affects overwritten dashboards that were previously shared at target server).	query	boolean
force	Continue even when the dashboard is not compatible with the target server's version of Sisense.	query	boolean

Error Status Codes

HTTP Status Code	Reason
200	The dashboards were copied

POST

/dashboards/import

The **import dashboard** endpoint receives the metadata of a dashboard and import the dashboard on to another Sisense instance.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboard	Basic dashboard object to be added. To import a dashboard through the REST API, you need to provide the dashboard's metadata. This data describes where the dashboard and its widgets. Metadata includes IDs defined by Sisense, for example, dashboard, owner, and folder IDs. These unique IDs are used to identify a dashboards and folders instead of the names you provided, which might be used on other servers. You can retrieve a dashboard's metadata through the GET /dashboards endpoint. This endpoint provides the correct values that you need to use when importing a dashboard. For example, if you want to import a dashboard into a specific folder, you need to run the GET /dashboards call on the target and source servers. On the target server where you want to import the dashboard you can retrieve the folder ID and server address. On the source server you can retrieve the metadata for the dashboard to be imported. After you have all the necessary information, through this endpoint, you can define the relevant values and import the dashboard.	body	<p>Object [schema]:</p> <pre>{ "title": "string", "desc": "string", "datasource": { "title": "string", "id": "string", "address": "string", "database": "string" }, "filters": [{ "jaql": { "dim": "string", "datatype": "string", "title": "string" } }], "layout": { "type": "string", "columns": [{ "width": 0, "cells": [</pre>

```

"subcells": [
  {
    "elements": [
      {
        "widgetId":
        "string",
        "minHeight": 0,
        "maxHeight": 0,
        "minWidth": 0,
        "maxWidth": 0,
        "height": 0,
        "defaultWidth": 0
      }
    ]
  }
],
"defaultFilters": [
  {
    "jaql": {
      "dim":
      "string",
      "datatype":
      "string",
      "title":
      "string"
    }
  }
]
}

```

importFolder	The folder to add the imported dashboard to	query	string
--------------	---------------------------------------------	-------	--------

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

POST

/dashboards
/import/bulk/

The **import dashboard** endpoint receives a .dash file containing dashboards and adds those dashboards to the user's Dashboard list.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboards	Basic dashboard object to be added.	body	
action	Determines if the existing dashboard should be overwritten. skip : The existing dashboard is not overwritten. overwrite : The existing dashboard is overwritten. duplicate : A new copy of the existing dashboard is created on the target server.	query	string
republish	Republish dashboards on target server after copying (only affects overwritten dashboards that were previously shared on the target server).	query	boolean
importFolder	The folder to add the imported dashboard to.	query	string

POST

/dashboards/{id}
/restore

The **restore dashboard** endpoint restores the dashboard to the last version published by the dashboard owner. All local changes to the dashboard will be overridden.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to be restored.	path	string

Error Status Codes

HTTP Status Code	Reason
204	Operation was successful
404	Dashboard not found

POST

/dashboards/{id}
/publish

The **publish dashboard** endpoint sets the dashboard as the published version of it for the shared users to see.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to publish	path	string

Error Status Codes

HTTP Status Code	Reason
204	Operation was successful
404	Dashboard not found

POST

/dashboards/{id}/undo_import

The **undo import dashboard** endpoint restores the previous dashboard for a dashboard that has been imported. All local changes to the dashboard will be overridden.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to be restored	path	string

Error Status Codes

HTTP Status Code	Reason
204	Operation was successful
404	Dashboard not found

POST

/dashboards/{id}/duplicate

The **duplicate dashboard** endpoint creates a new dashboard based on an existing dashboard of the provided ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to duplicate	path	string

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

POST

/dashboards/{id}/change_owner

The **change owner** endpoint update owner of existing and specified by ID dashboard if called by current dashboards owner.

Response

Object [schema]:

```
{
  "title": "string",
  "desc": "string",
  "oid": "string",
  "type": "string",
  "shares": [
    {
      "shareId": "string",
      "type": "user",
      "rule": "view",
      "subscribe": true
    }
  ],
  "style": {
    "name": "string",
    "palette": {
      "colors": [
        "string"
      ],
      "name": "string",
      "isSystem": true
    }
  }
}
```

```

    }
  },
  "owner": "string",
  "userId": "string",
  "created": "2016-02-29T10:18:58.141Z",
  "lastUpdated": "2016-02-29T10:18:58.141Z",
  "datasource": {
    "title": "string",
    "id": "string",
    "address": "string",
    "database": "string",
    "fullname": "string"
  },
  "filters": [
    {
      "jaql": {
        "dim": "string",
        "datatype": "string",
        "title": "string"
      }
    }
  ],
  "instanceType": "string",
  "layout": {
    "type": "string",
    "columns": [
      {
        "width": 0,
        "cells": [
          {
            "subcells": [
              {
                "elements": [
                  {
                    "widgetId": "string",
                    "minHeight": 0,
                    "maxHeight": 0,
                    "minWidth": 0,
                    "maxWidth": 0,
                    "height": 0,
                    "defaultWidth": 0
                  }
                ]
              }
            ]
          }
        ]
      }
    ]
  },
  "defaultFilters": [
    {
      "jaql": {
        "dim": "string",
        "datatype": "string",
        "title": "string"
      }
    }
  ]
}

```

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to update	path	string
ownerdata	Object with the ID of new owner of a dashboard	body	Object [schema]: <pre>{ "ownerId": "string", "originalOwnerRule": "edit" }</pre>

POST

/dashboards/{dashboardId}/widgets

The **add widget to dashboard** endpoint adds the provided widget object to the dashboard of the given ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard to add the widget to	path	string

widget	Basic widget object to be added to the dashboard	body	<div style="background-color: #f0f0f0; padding: 5px;">Object [schema]:</div> <pre> { "title": "string", "datasource": { "title": "string", "id": "string", "address": "string", "database": "string" }, "type": "string", "subtype": "string", "metadata": { "panels": [{ "name": "string", "items": [{ "jaql": { "dim": "string", "datatype": "string", "title": "string" }, "field": { "id": "string", "index": 0 }, "format": {} }] }] } </pre>
---------------	--------------------------------------------------	------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

PATCH

/dash
board
s/{id}

The **update dashboard** endpoint will perform a partial update on the dashboard of the provided ID, updating the fields in the dashboard object provided in the body.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to update	path	string
dashboard	The partial dashboard object who's fields will be updated	body	<p>Object [schema]:</p> <pre>{ "title": "string", "desc": "string", "oid": "string", "type": "string", "shares": [{ "shareId": "string", "type": "user", "rule": "view", "subscribe": true }], "style": { "name": "string", "palette": { "colors": ["string"], "name": "string", "isSystem": true } }, "owner": "string", "userId": "string", "created": "2015- 11-15T13:39:24.445 Z", "lastUpdated": "2015-11-15T13:39: 24.445Z", "datasource": { "title": "string", "id": "string", "address": "string", "database": "string" }, }</pre>

```
"filters": [
  {
    "jaql": {
      "dim":
"string",
      "datatype":
"string",
      "title":
"string"
    }
  },
  "instanceType":
"string",
  "layout": {
    "type":
"string",
    "columns": [
      {
        "width": 0,
        "cells": [
          {
"subcells": [
          {
"elements": [
          {
"widgetId":
"string",
"minHeight": 0,
"maxHeight": 0,
"minWidth": 0,
"maxWidth": 0,
"height": 0,
"defaultWidth": 0
          }
        ]
      }
    ]
  }
]
},
  "defaultFilters":
[
  {
    "jaql": {
      "dim":
"string",
      "datatype":
"string",
      "title":
"string"
    }
  }
]
]
```

Error Status Codes

HTTP Status Code	Reason
200	

PATCH

/dash
board
s/
{dash
boardI
d}
/widge
ts/{id}

The **update widget** endpoint will perform a partial update on the dashboard's widget of the provided ID, updating the fields with the widget object provided in the body.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard to add the widget to	path	string
id	The ID of the widget to update	path	string
widget	Basic widget object to be added to the dashboard	body	Object [schema]: <pre>{ "title": "string", "oid": "string", "datasource": { "title": "string", "id": "string", "address": "string", "database": "string" }, "type": "string", "subtype": "string", "dashboardid": "string", "owner": "string", "userId": "string", "instanceType": "string", "lastUpdated": "2015-11-15T13:39:24.448Z", "metadata": { "panels": [{ "name": "string", "items": [{ "jaql": { "dim": "string",</pre>

```

"datatype":
"string",

"title": "string"
},

"field": {

"id": "string",

"index": 0
},

"format": {}
}
]
},
"shares": [
{
"shareId":
"string",
"type":
"user",
"rule":
"view",

"subscribe": true
}
]
}

```

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

DELETE

/dash
board
s/{id}

The **delete dashboard** endpoint will delete the dashboard with the provided ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to delete	path	string

Error Status Codes

HTTP Status Code	Reason
200	Delete operation was successful

DELETE

/dashboards/bulk

The **delete dashboard** endpoint will delete the dashboard with the provided ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the dashboard to delete	path	string

Error Status Codes

HTTP Status Code	Reason
200	Delete operation was successful

DELETE

/dashboards/{dashboardid}/widgets/{id}

The **delete dashboards** endpoint deletes dashboards with the provided IDs.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardids	The IDs of the dashboards to be deleted.	query	Array [string]

Error Status Codes

HTTP Status Code	Reason
200	Delete operation was successful
404	Dashboard not found

Database

GET

/database/encrypt_database_password

The `encryptDatabasePassword` endpoint encrypts and returns a password from plaintext. This is useful when you need to generate unique passwords for Sisense MongoDB users.**Note:** This endpoint is currently part of Sisense V6.7 beta and is subject to changes.

Parameters

Parameter	Description	Parameter Type	Data Type
plaintext	Your plaintext password generated by Sisense.	query	string

Error Status Codes

HTTP Status Code	Reason
200	Plaintext password was encrypted successfully

POST

/database/change_database_user_password

Change a user's password for the MongoDB installed with Sisense.

Note: This endpoint is currently part of Sisense V6.7 beta and is subject to changes.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
User object	The User object that defines the user whose password is to be changed and the new password.	body	Enter the user name of the Sisense MongoDB user and a new password. Array[string] <pre>{ "userName": "string", "password": "string" }</pre>

Error Status Codes

HTTP Status Code	Reason
200	Password changed successfully
400	Invalid username

Datasets

GET

/datasets

The **get datasets** endpoint provides access to datasets in their stored format as JSON objects.

The expandable field for the data object is connection.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
fields	Whitelist of fields to return for each document. fields can also define which fields to exclude by prefixing field names with -	query	Array [string]

GET

/datasets/{id}

The **get dataset** endpoint returns a dataset object by ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the live connection. You can retrieve this ID through the GET /datasets ID	query	Array [string]

Error Status Codes

HTTP Status Code	Reason
404	Dataset not found

GET

/datasets/
{id}/transformed

The **get dataset** endpoint returns a dataset object with an applied schema transformation by ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the live connection. You can retrieve this ID through the GET /datasets ID	query	Array [string]

Error Status Codes

HTTP Status Code	Reason
404	Dataset not found

GET

/datasets/
{id}/permissions

The **get dataset permissions** endpoint returns the permissions for a dataset.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the live connection. You can retrieve this ID through the GET /datasets ID	query	Array [string]

Error Status Codes

HTTP Status Code	Reason
404	Dataset not found

GET

/datasets/
{id}/by_fullname/{fullname}

The **get dataset by fullname** endpoint returns a dataset object by its fullname property.

The expandable field for the dataset object is `connection`. The Expanded connection does not have a parameters property.

Parameters

Parameter	Description	Parameter Type	Data Type
fullname	The datasets fullname	header	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	Array [string]

Error Status Codes

HTTP Status Code	Reason
404	Dataset not found

GET

/datasets/
{fullname}/
datasetsecurity

The **get data security** endpoint returns the data security rules set up for a data set.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
fullname	The datasets fullname	header	string

Error Status Codes

HTTP Status Code	Reason
404	Dataset not found

POST

/datasets/

The **create dataset** endpoint creates a new dataset object.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dataset	The dataset object that defines a dataset	body	

Error Status Codes

HTTP Status Code	Reason
400	Bad request error. <ul style="list-style-type: none"> • 23004 Name duplication error • 23003 Connection not found

POST

/datasets/
{fullname}/
datasetsecurity

The **create data context** endpoint creates new data context object.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
fullname	The dataset's fullname	path	string
dataContext	The data context object that defines a dataset's permissions	body	

Error Status Codes

HTTP Status Code	Reason
400	Bad request error. <ul style="list-style-type: none"> • 30001 Invalid default rule • 30003 Duplicate user or group • 30004 User or group not found
404	Dataset not found

PATCH

/datasets/
{id}The **update dataset** endpoint updates a dataset with new data.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The dataset's ID. You can retrieve a dataset's ID through the GET /datasets endpoint	path	string
dataset	The dataset object that defines a dataset	body	

Error Status Codes

HTTP Status Code	Reason
200	Updated dataset
400	Bad request error. <ul style="list-style-type: none"> • 23001 Permission error • 23003 Connection not found • 23004 Name duplication error
404	Dataset not found

PATCH

/datasets/
{id}
/permissionsThe **update dataset** endpoint updates the dataset with the fetched permissions.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The dataset's ID. You can retrieve a dataset's ID through the GET /datasets endpoint	path	string
permissions	The dataset object that defines a dataset	body	

Error Status Codes

HTTP Status Code	Reason
400	Bad request error. <ul style="list-style-type: none"> • 23001 Permission error • 23005 User not found • 23006 Group not found
404	Dataset not found

DELETE/datasets/
{id}The **remove dataset** endpoint removes a dataset by ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The dataset's ID. You can retrieve a dataset's ID through the GET /datasets endpoint	path	string

Error Status Codes

HTTP Status Code	Reason
204	Dataset was successfully removed
400	Bad request error. <ul style="list-style-type: none"> • 23001 Permission error
404	Dataset not found

DELETE/datasets/
/datasetSecurity/
{datasetSecurityId}The **remove data context** endpoint removes the specified data context by its ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
datasetSecurityId	The ID of the data context object to be removed	path	string

Error Status Codes

HTTP Status Code	Reason
204	Dataset was successfully removed
400	Bad request error. <ul style="list-style-type: none"> • 23001 Permission error
404	Dataset not found

DELETE

/datasets/{fullname}/dataset/{table}/column

The **remove data context** endpoint removes the specified data context column according to received parameters.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
fullname	The dataset's fullname	path	string
table	The table name for the relevant data context object	path	string
column	The column name for the relevant data context object	path	string

Error Status Codes

HTTP Status Code	Reason
204	Data Context column was removed successfully
404	Dataset not found

ElastiCubes

GET

/elasticsearch/sets

The **get ElastiCube sets** endpoint returns a list of ElastiCube sets.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string

Error Status Codes

HTTP Status Code	Reason
404	Resource not found

GET

/elasticsearch/sets/{title}

The **get ElastiCube sets** endpoint returns a list of ElastiCube sets.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
title	The title of the ElastiCube Set to be returned	path	string

Error Status Codes

HTTP Status Code	Reason
404	Resource not found

GET

/elasticubes / {server} / {title} /revisions

The **get ElasticCube revision** endpoint returns an ElasticCube and ElasticCube set's build revision.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElasticCube to be returned	path	string
title	The title of the ElasticCube to be returned	path	string

Error Status Codes

HTTP Status Code	Reason
404	Resource not found

GET

/elasticubes / {server} / {title} /customtables

The **get custom tables** endpoint returns a list of SQL queries for custom tables and their table names.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElasticCube to be returned	path	string
title	The title of the ElasticCube to be returned	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

GET

/elasticubes / {server} / {title} / {table Name} /relations

The **get relations** endpoint returns an ElasticCube table's relations.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElasticCube to get	path	string
title	The title of the ElasticCube to get	path	string
tableName	The title of the table to get	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

GET

/elasticubes / {server} / {title} / {table Name} / custom_fields

The **get custom fields** endpoint returns a list of custom fields and their SQL queries.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube to get	path	string
title	The title of the ElastiCube to get	path	string
tableName	The title of the table to get	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

GET

/elasticubes / {server} / {title} / custom_tables / {table Name}

The **get custom table** endpoint returns an SQL query for a custom table in an ElastiCube.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube to get	path	string
title	The title of the ElastiCube to get	path	string
tableName	The title of the table to get	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

GET

/elasticubes / {server} / {title} / sql_manual_query / {table Name}

The **get sql manual query** endpoint returns an SQL query for an ElastiCube table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube to get	path	string
title	The title of the ElastiCube to get	path	string
tableName	The title of the table to get	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

GET

/elasticsearch/
/server/
{title}/
{tableName}
/custom_fields/
{fieldName}

The **get custom field** endpoint returns the SQL query of a custom field.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube to get	path	string
title	The title of the ElastiCube to get	path	string
tableName	The title of the table to get	path	string
fieldName	The title of the table field to get	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

GET

/elasticsearch/
/servers/
{server}/
/settings/
/server/test

The **test R server** endpoint verifies connectivity between an ElastiCube server and an R server.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The ElastiCube server's address	path	string
rserver	The R server address	query	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

GET

/elasticsearch/
/servers/
{server}/
/settings

The **get server settings** endpoint returns your ElastiCube server's settings. For more information about the fields returned, see [Server Settings](#).

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The address of the ElastiCube server to return details for	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

POST

/elasticubes/serve rs/{server}/settings

The **post server settings** endpoint updates the settings of your Elasticubes server. For more information, see [Server Settings](#).

Parameters

Parameter	Description	Parameter Type	Data Type																		
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string																		
server	The Elasticube server address	path	string																		
restart	Boolean that when true restarts the Elasticubes on the server	query	boolean																		
serverSettings	<p>The settings object to update</p> <p>The following table contains a list of properties you can define in the serverSettings object:</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>DefaultDataDirectory</td> <td>A string that defines the location of your Elasticubes on your server. Sisense recommends storing Elasticube data on a separate non-system drive.</td> </tr> <tr> <td>ElasticubeMemoryAllocation</td> <td>The percentage of RAM out of the server's total RAM on the machine that can be allocated to each Elasticube. By default, the value is set to Dynamic, which automatically allocates and frees memory in each Elasticube to ensure stability and performance. Setting a static percentage will disable this mechanism.</td> </tr> <tr> <td>DataImportChunkSize</td> <td>The size of each chunk of data imported when building an Elasticube. This can be increased or decreased based on your build performance and network throughput.</td> </tr> <tr> <td>SimultaneousQueryExecutions</td> <td> <p>The number of simultaneous queries that can be processed on a server across all Elasticubes.</p> <p>This value is determined by half of the machine's vCPU cores.</p> </td> </tr> <tr> <td>QueryTimeout</td> <td>The amount of seconds that must pass before a query times out.</td> </tr> <tr> <td>RecycleQueries</td> <td> <p>The Elasticube Query Recycler caches similar and identical queries to the Elasticube to reduce the amount of time to return a response. This reduces the amount of time it takes to process queries.</p> <p>This should be turned off for debugging purposes only.</p> </td> </tr> <tr> <td>RserverEnabled</td> <td>A boolean that defines if R Server is enabled in Sisense.</td> </tr> <tr> <td>Rserver</td> <td>The address of your R Server. By default, this field is not activated. Click the toggle button to enable the R server in Sisense and enter the IP address and port. Click Test to verify the connection to the R server.</td> </tr> </tbody> </table>	Name	Description	DefaultDataDirectory	A string that defines the location of your Elasticubes on your server. Sisense recommends storing Elasticube data on a separate non-system drive.	ElasticubeMemoryAllocation	The percentage of RAM out of the server's total RAM on the machine that can be allocated to each Elasticube. By default, the value is set to Dynamic, which automatically allocates and frees memory in each Elasticube to ensure stability and performance. Setting a static percentage will disable this mechanism.	DataImportChunkSize	The size of each chunk of data imported when building an Elasticube. This can be increased or decreased based on your build performance and network throughput.	SimultaneousQueryExecutions	<p>The number of simultaneous queries that can be processed on a server across all Elasticubes.</p> <p>This value is determined by half of the machine's vCPU cores.</p>	QueryTimeout	The amount of seconds that must pass before a query times out.	RecycleQueries	<p>The Elasticube Query Recycler caches similar and identical queries to the Elasticube to reduce the amount of time to return a response. This reduces the amount of time it takes to process queries.</p> <p>This should be turned off for debugging purposes only.</p>	RserverEnabled	A boolean that defines if R Server is enabled in Sisense.	Rserver	The address of your R Server. By default, this field is not activated. Click the toggle button to enable the R server in Sisense and enter the IP address and port. Click Test to verify the connection to the R server.	body	
Name	Description																				
DefaultDataDirectory	A string that defines the location of your Elasticubes on your server. Sisense recommends storing Elasticube data on a separate non-system drive.																				
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Error Status Codes

HTTP Status Code	Reason
403	<ul style="list-style-type: none"> Forbidden
500	<ul style="list-style-type: none"> Internal Server Error

POST

/elasti
cubes
/sets

The **add ElasticCube Set** endpoint receives a new ElasticCube Set object and creates that set in Sisense, returning the created object.
If a server full name does not exist, an error will be returned.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
set	Basic ElasticCube set object (in JSON notation) to be added	body	

Error Status Codes

HTTP Status Code	Reason
400	<ul style="list-style-type: none">• 22001 The 'fullNames' parameter must be an array• 22002 The 'fullNames' parameter cannot be empty• 22003 The ElasticCube set already exists• 22004 One or more of the given ElasticCubes could not be found• 22005 One or more of the given ElasticCubes are already part of the ElasticCube set

POST

/elasti
cubes
/
{elasti
cube}
/jaql
/explain

The **explain Jaql** endpoint explains the jaql.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
rowcount	Whether to include row count	query	boolean
uniquecount	Whether to include unique count	query	boolean
jaql	Jaql object to be explained	body	

Error Status Codes

HTTP Status Code	Reason
400	<ul style="list-style-type: none">• 22001 The 'fullNames' parameter must be an array• 22002 The 'fullNames' parameter cannot be empty• 22003 The ElasticCube set already exists• 22004 One or more of the given ElasticCubes could not be found• 22005 One or more of the given ElasticCubes are already part of the ElasticCube set

POST

/elasticsearch/
{server}/
{title}/
custom_tables

The **post custom tables** endpoint creates a custom table on an Elasticube through an SQL query.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the Elasticube where the custom table is to be created	path	string
title	The title of the Elasticube where the custom table is to be created	path	string
tableSqlQuery	The tableSqlQuery object that defines the SQL query that creates a table and the name of the custom table	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

POST

/elasticsearch/
{server}/
{title}/
sql_manual_query

The **post sql manual query** endpoint creates an SQL query on an Elasticube.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the Elasticube where the custom table is to be created	path	string
title	The title of the Elasticube where the custom table is to be created	path	string
manualTableSqlQuery	The manualTableSqlQuery object that defines the SQL query that creates a table and the name of the new table	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

POST

```
/elasti
cubes
/
{serve
r}/
{title}/
{table
Name
}
/relati
ons
```

The **post relations** endpoint creates a new relationship between two fields in an Elasticube table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the Elasticube where the custom table is to be created	path	string
title	The title of the Elasticube where the custom table is to be created	path	string
tableName	The title of the table where the relation is to be created	path	string
fieldUpdateRelation	The fieldUpdateRelation object that defines the relation between two fields in a table	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

POST

```
/elasti
cubes
/
{serve
r}/
{title}/
{table
Name
}
/custo
m_fiel
ds
```

The **post custom fields** endpoint adds a custom field to a table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the Elasticube where the custom table is to be created	path	string
title	The title of the Elasticube where the custom table is to be created	path	string
tableName	The title of the table where the relation is to be created	path	string
fieldSqlQuery	The fieldSqlQuery object that defines the SQL query and the name of the custom field	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

PATCH

/elasticubes/
/sets/
{title}

The **update ElasticCube set** endpoint updates the ElasticCube set by title and returns the updated object.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
title	The title of the ElasticCube set to update	path	string
set	Basic ElasticCube set object (in <code>JSON</code> notation) to be added	body	

Error Status Codes

HTTP Status Code	Reason
400	<ul style="list-style-type: none">• 22001 The 'fullNames' parameter must be an array• 22002 The 'fullNames' parameter cannot be empty• 22003 The ElasticCube set already exists• 22004 One or more of the given ElasticCubes could not be found• 22005 One or more of the given ElasticCubes are already part of the ElasticCube set• 22006 The ElasticCube set not found

PATCH

/elasticubes/
/
{server}/
{title}/
{tableName}
}/relations

The **patch relations** endpoint updates a relation between two fields in an ElasticCube table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElasticCube where the relation is to be updated	path	string
title	The title of the ElasticCube where the relation is to be updated	path	string
tableName	The title of the table where the relation is to be updated	path	string
fieldUpdateRelation	The fieldUpdateRelation object that defines the relation between two fields in a table	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

PATCH

/elasticsearch/
/server/
{title}/
custom_tables/
{table Name}

The **patch custom table** endpoint updates a custom table's SQL query.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube where the custom table is to be updated	path	string
title	The title of the ElastiCube where the custom table is to be updated	path	string
tableName	The title of the table where the custom table is to be updated	path	string
sqlQuery	The sqlQuery object that defines the SQL query of the custom table	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

PATCH

/elasticsearch/
/server/
{title}/
sql_manual_query/
{table Name}

The **update sql manual query** endpoint updates the SQL query of an ElastiCube table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube where the SQL query is to be updated	path	string
title	The title of the ElastiCube where the SQL query is to be updated	path	string
tableName	The title of the table where the SQL query is to be updated	path	string
manualTableSqlQuery	The new SQL query that replaces the existing query	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

PATCH

/elasticsearch/
{server}/
{title}/
{tableName}/
custom_fields/
{fieldName}

The **patch custom field** endpoint updates the SQL query of a custom field.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube where the custom field is to be updated	path	string
title	The title of the ElastiCube where the custom field is to be updated	path	string
tableName	The title of the table where the custom field is to be updated	path	string
fieldName	The title of the table field where the custom field is to be updated		
sqlQuery	The sqlQuery object that defines the SQL query of a custom field	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal server error

PUT

/elasticsearch/
server/
{server}/
permissions

The **update ElastiCube server permission** endpoint updates a list of ElastiCube server permissions.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The ElastiCube server's address	path	string
permissions	The permissions array to be updated	path	string

Error Status Codes

HTTP Status Code	Reason
404	Server not found

DELETE

/elasticsearch/sets/{title}

The **delete ElastiCube set** endpoint deletes the ElastiCube set by title.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
title	The title of the ElastiCube set to delete	path	string

Error Status Codes

HTTP Status Code	Reason
400	<ul style="list-style-type: none">• 22006 The ElastiCube set not found

DELETE

/elasticsearch/{server}/{title}/{tableName}/relations

The **delete relations** endpoint deletes a relation between two fields in an ElastiCube table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube where the relation is to be deleted	path	string
title	The title of the ElastiCube where the relation is to be deleted	path	string
tableName	The title of the table where the relation is to be deleted	path	string
fieldRelation	The fieldUpdateRelation object that defines which relation delete in a table	body	

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal Server Error

DELETE

/elasticsearch/
{server}/
{title}/
custom_tables/
{table Name}

The **delete custom table** endpoint deletes the SQL query that defines a custom table, removing the table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube where the custom table is to be deleted	path	string
title	The title of the ElastiCube where the custom table is to be deleted	path	string
tableName	The title of the table where the custom table is to be deleted	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal Server Error

DELETE

/elasticsearch/
{server}/
{title}/
sql_manual_query/
{table Name}

The **delete sql manual query** endpoint deletes the SQL query of an ElastiCube table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube where the SQL query is to be deleted	path	string
title	The title of the ElastiCube to get where the SQL query is to be deleted	path	string
tableName	The title of the table where the SQL query is to be deleted	path	string

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal Server Error

DELETE

/elasti
cubes
/
{serve
r}/
{title}/
{table
Name
}
/custo
m_fiel
ds/
{fieldN
ame}

The **delete custom field** endpoint deletes the SQL query that creates a custom field removing the field from the table.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
server	The server of the ElastiCube where the custom field is to be deleted	path	string
title	The title of the ElastiCube where the custom field is to be deleted	path	string
tableName	The title of the table where the custom field is to be deleted	path	string
fieldName	The title of the table field to get		

Error Status Codes

HTTP Status Code	Reason
403	Forbidden
500	Internal Server Error

Engine

POST

/engine/excelExport

Note: This endpoint is not available from Sisense's interactive REST API.

The /engine/excelExport endpoint returns the binary content of the xlsx file. The user should then create an Excel file from this content just like any other stream.

METHOD:

POST

PARAMS:

query: This endpoint requires a pivot JAQL and returns it as an Excel file.

Example:

The code sample below returns the binary content of an xlsx file and converts it to an Excel file.

The conditional in the sample below creates an xlsx file in Internet Explorer 11, or in Chrome or FireFox for non-IE browsers.

```
$http.post('/engine/excelExport', {query: query}, {
  responseType: 'blob',
})
.then(function(res) {
  $scope.isLoading = true;
  // IE11 and older fix because they have bug with createObjectURL
  if (window.navigator.msSaveBlob) {
    window.navigator.msSaveBlob(res.data, fileName);
  } else {
    var blob = new Blob([res.data], {type: 'application/vnd.openxmlformats-officedocument.spreadsheetml.sheet'});
    var blobURL = window.URL.createObjectURL(blob);
    var a = document.createElement('a');
    a.href = blobURL;
    a.download = fileName;
    document.body.appendChild(a);
    a.click();
    window.URL.revokeObjectURL(blobURL);
    document.body.removeChild(a);
  }
})
```

GET	/features	<p>The /features endpoint returns a list of features you can enable/disable.</p> <h3>Parameters</h3> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>string</td> </tr> <tr> <td>key</td> <td>Name of the feature. You can use the values returned in this array to enable/disable features.</td> <td>string</td> </tr> <tr> <td>active</td> <td>Status of the feature, enabled or disabled.</td> <td>boolean</td> </tr> <tr> <td>name</td> <td>Name of the feature.</td> <td>string</td> </tr> <tr> <td>description</td> <td>Description of the feature.</td> <td>string</td> </tr> <tr> <td>subscriptions</td> <td>Array that contains specific functionality that can be enabled/disabled in a feature. For example, in the Alerting feature build alerts and KPI alerts can be enabled or disabled.</td> <td>array</td> </tr> <tr> <td>name</td> <td>Name of the functionality within a feature that can be enabled or disabled, for example, <code>buildSubscription</code> or <code>kpiSubscription</code>.</td> <td>array</td> </tr> <tr> <td>active</td> <td>Status of the feature, enabled or disabled.</td> <td>boolean</td> </tr> </tbody> </table>	Parameter	Description	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	string	key	Name of the feature. You can use the values returned in this array to enable/disable features.	string	active	Status of the feature, enabled or disabled.	boolean	name	Name of the feature.	string	description	Description of the feature.	string	subscriptions	Array that contains specific functionality that can be enabled/disabled in a feature. For example, in the Alerting feature build alerts and KPI alerts can be enabled or disabled.	array	name	Name of the functionality within a feature that can be enabled or disabled, for example, <code>buildSubscription</code> or <code>kpiSubscription</code> .	array	active	Status of the feature, enabled or disabled.	boolean
Parameter	Description	Data Type																											
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	string																											
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description	Description of the feature.	string																											
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PATCH	/features/{key}/toggle	<p>The toggle endpoint turns a specific feature on or off.</p> <h3>Parameters</h3> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> <tr> <td>key</td> <td>The ID of the dashboard to delete</td> <td>path</td> <td>string</td> </tr> <tr> <td>toggleFeature</td> <td>Indicates if the feature should be enabled or disabled.</td> <td>path</td> <td>boolean</td> </tr> </tbody> </table> <h3>Error Status Codes</h3> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>Feature not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	key	The ID of the dashboard to delete	path	string	toggleFeature	Indicates if the feature should be enabled or disabled.	path	boolean	HTTP Status Code	Reason	404	Feature not found
Parameter	Description	Parameter Type	Data Type																			
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string																			
key	The ID of the dashboard to delete	path	string																			
toggleFeature	Indicates if the feature should be enabled or disabled.	path	boolean																			
HTTP Status Code	Reason																					
404	Feature not found																					

Folders		
GET	/folders	Get all folders
GET	/folders/{id}	Get a specific folder
GET	/folders/{id}/subtree	Get a subtree of a specific folder
GET	/folders/{id}/ancestors	Get the ancestors of a specific folder
POST	/folders	Add a new folder
PATCH	/folders/{id}	Update a folder
DELETE	/folders/{id}	Delete a folder

Geo

GET

/geo/geoJ
son/
{type}

The `get /geo/geoJson/{type}` endpoint returns an array of coordinates for US states or countries.

Parameters

Parameter	Description	Parameter Type	Data Type
type	Accepts two possible values, world or usa. Returns the coordinates of US states or countries.	path	Array

Response Class

```
"type": "Feature",
  "id": "33",
  "properties": {
    "name": "New Hampshire",
    "aliases": [
      "NH"
    ]
  },
  "geometry": {
    "type": "Polygon",
    "coordinates": [
      [
        [
          -71.08183,
          45.303304
        ]
      ]
    ]
  }
}
```

Error Status Codes

HTTP Status Code	Reason
200	An array of groups
404	resource not found

POST

/geo/locations

The **post /geo/locations** endpoint returns the coordinates for a specified location.

Parameters

Parameter	Description	Parameter Type	Data Type
name	The name of the location.	path	string
country	The country of the city.	path	string
state	The state of the city.	path	string
city	The name of the city.	path	string
geolevel	Defines the type of location to be returned, "city", "adm"(means state) or "country". This is useful as some locations have the same name.	path	string

Response Class

```
{
  "locations": [
    {
      "name": "string",
      "country": "string",
      "state": "string",
      "city": "string"
    }
  ],
  "geoLevel": "string"
}
```

Error Status Codes

HTTP Status Code	Reason
200	An array of groups
404	resource not found

Groups

GET

/groups

The **get groups** endpoint returns a list of user groups with their details. The results can be filtered by different parameters such as group name or origin.

The expandable fields for the group object are `users` and `role`.

Parameters

Parameter	Description	Parameter Type	Data Type
name	Group name to filter by	query	string
mail	Group email to filter by	query	string
roleId	Group role ID to filter by	query	string
origin	Group origin to filter by (<code>ad</code> or <code>sisense</code>)	query	string
ids	Group IDs to filter by, separated by a comma (,) and without spaces	query	array
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with -	query	string
sort	Field by which the results should be sorted. Ascending by default, descending if prefixed by -	query	string
skip	Number of results to skip from the start of the data set. To be used with the <code>limit</code> parameter for paging	query	integer
limit	How many results should be returned. To be used with the <code>skip</code> parameter for paging	query	integer
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```
[
  {
    "_id": "string",
    "name": "string",
    "mail": "string",
    "ad": true,
    "objectSid": "string",
    "dn": "string",
    "uSNChanged": "string",
    "created": "2015-11-15T13:39:24.591Z",
    "lastUpdated": "2015-11-15T13:39:24.591Z"
  }
]
```

Error Status Codes

HTTP Status Code	Reason
200	An array of groups
404	resource not found

<p>GET</p>	<p>/groups/{id}</p>	<p>The get group by id endpoint returns the details of the user group corresponding to the <code>id</code> parameter.</p> <p>The expandable fields for the group object are <code>users</code> and <code>role</code>.</p> <h3>Parameters</h3> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td><code>id</code></td> <td>The ID of the group to get.</td> <td>path</td> <td>string</td> </tr> <tr> <td><code>fields</code></td> <td>Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code></td> <td>query</td> <td>string</td> </tr> <tr> <td><code>expand</code></td> <td>List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format</td> <td>query</td> <td>string</td> </tr> </tbody> </table> <h3>Response Class</h3> <pre> { "_id": "string", "name": "string", "mail": "string", "ad": true, "objectSid": "string", "dn": "string", "uSNChanged": "string", "created": "2015-11-15T13:39:24.598Z", "lastUpdated": "2015-11-15T13:39:24.598Z" } </pre> <h3>Error Status Codes</h3> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>200</td> <td>Group details</td> </tr> <tr> <td>404</td> <td>resource not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	<code>id</code>	The ID of the group to get.	path	string	<code>fields</code>	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string	<code>expand</code>	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string	HTTP Status Code	Reason	200	Group details	404	resource not found
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<code>fields</code>	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string																					
<code>expand</code>	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string																					
HTTP Status Code	Reason																							
200	Group details																							
404	resource not found																							
<p>POST</p>	<p>/groups</p>	<p>Add a new group</p>																						
<p>POST</p>	<p>/groups/ad</p>	<p>Add a new Active Directory group</p>																						
<p>POST</p>	<p>/groups/bulk</p>	<p>Add multiple groups</p>																						
<p>POST</p>	<p>/groups/ad/bulk</p>	<p>Add multiple Active Directory groups</p>																						
<p>DELETE</p>	<p>/groups/{id}</p>	<p>Delete a group</p>																						
<p>LDAP Domains</p>																								

GET

/ldap_domains

The get LDAP domains endpoint returns a list of ldapDomains with their details. Results can be filtered by parameters such as name and enabled. The expandable field for the LDAP domain object is users.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
name	Name to filter the LDAP domains returned by.	query	string
enabled	Filter LDAP domains according to their status enabled or disabled.	query	boolean
ids	Array of LDAP domains IDs to get, separated by a comma (,) and without spaces.	query	Array [string]
fields	Whitelist of fields to return for each document. fields Can also define which fields to exclude by prefixing field names with -.	query	string
sort	Field by which the results should be sorted. Ascending by default, descending if prefixed by -.	query	string
skip	Number of results to skip from the start of the data set. skip is to be used with the limit parameter for paging.	query	number
limit	How many results should be returned. limit is to be used with the skip parameter for paging.	query	number
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the resource.subResource format.	query	string

Error Status Codes

HTTP Status Code	Reason
404	Invalid expand parameter.

GET

/ldap_domains/{id}

The get LDAP domain by ID endpoint retrieves a specific LDAP domain object corresponding to the provided ID. The expandable fields for the LDAP domain object is users.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the LDAP domain to get.	query	string
fields	Whitelist of fields to return for each document. fields Can also define which fields to exclude by prefixing field names with -.	query	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the resource.subResource format.	query	string

Error Status Codes

HTTP Status Code	Reason
404	<ul style="list-style-type: none"> • 202 Invalid expand parameter. • 22001 LDAP domain not found.

POST

/ldap_domains

The add LDAP Domain endpoint receives a new LDAP Domain object and creates that domain in Sisense, returning the created object.

If a domain with the same name or baseDN exists, Sisense returns an error.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
ldapDomain	Basic LDAP domain object (in JSON notation) to be added.	body	object

Error Status Codes

HTTP Status Code	Reason
400	<ul style="list-style-type: none">• 2004 The user already exists.• 2006 Multiple super-users are not allowed.• 2007 Cannot add user because the license has been exceeded.• 2009 Mandatory fields cannot be empty.
422	<ul style="list-style-type: none">• 601 Invalid object ID.• 2003 Mandatory fields are missing.

POST

/ldap_domains/test

The test LDAP Domain endpoint receives an LDAP Domain object and tests it against the LDAP server.

If the LDAP server is not responding/wrong credentials were sent, Sisense will return an error.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
ldapDomain	Basic LDAP domain object (in JSON notation) to be added.	body	object

Error Status Codes

HTTP Status Code	Reason
204	No response was specified

POST

/ldap_domains/{id}/sync

The sync LDAP Domain endpoint receives an LDAP Domain ID and synchronize it against the LDAP server.

If a the LDAP server is not responding, Sisense will return an error.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the domain to update	path	string
wait	Sisense should wait to sync the LDAP domain.	query	boolean

Error Status Codes

HTTP Status Code	Reason
204	No response was specified

PATCH

/ldap_domains/{id}

The update LDAP Domain endpoint receives a domain id and what fields to update, returning the updated object.

If a domain with the specified id is not exists, Sisense returns an error.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the LDAP domain to update.	path	string
fields	Partial LDAP Domain object (in JSON notation) containing the fields to update	body	object

Error Status Codes

HTTP Status Code	Reason
404	2001 User not found.

DELETE

/ldap_domains/bulk

The delete LDAP Domains endpoint receives a list of domain IDs and deletes these domains in Sisense.

If a domain with the specified id does not exists, Sisense returns an error.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	Array of LDAP domain IDs to delete, separated by a comma (,) and without spaces.	query	Array [string]

Error Status Codes

HTTP Status Code	Reason
204	No response was specified
404	22001 One or more LDAP domains were not found.

<p>GET</p>	<p>/live_connectors</p>	<p>The get live connectors endpoint returns a list of connectors.</p> <table border="1" data-bbox="440 180 1487 302"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1" data-bbox="440 401 764 491"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>API not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	HTTP Status Code	Reason	404	API not found								
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<p>GET</p>	<p>/live_connectors/{provider}</p>	<p>The get live connectors endpoint returns a list of connectors.</p> <table border="1" data-bbox="440 573 1487 726"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> <tr> <td>provider</td> <td>The name of live connector provider</td> <td>path</td> <td>string</td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1" data-bbox="440 825 764 915"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>API not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	provider	The name of live connector provider	path	string	HTTP Status Code	Reason	404	API not found				
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<p>POST</p>	<p>/live_connectors/{provider}/count</p>	<p>The get table count endpoint returns the number of entries in a specified table.</p> <table border="1" data-bbox="440 999 1487 1205"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> <tr> <td>provider</td> <td>The name of live connector provider</td> <td>path</td> <td>string</td> </tr> <tr> <td>connectionParameters</td> <td>The connection parameters for a specific datasource</td> <td>body</td> <td></td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1" data-bbox="440 1304 764 1394"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>API not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	provider	The name of live connector provider	path	string	connectionParameters	The connection parameters for a specific datasource	body		HTTP Status Code	Reason	404	API not found
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<p>POST</p>	<p>/live_connectors/{provider}/table_preview</p>	<p>The get table preview endpoint returns a preview of the data in specified table.</p> <table border="1" data-bbox="440 1476 1487 1682"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> <tr> <td>provider</td> <td>The name of live connector provider</td> <td>path</td> <td>string</td> </tr> <tr> <td>connectionParameters</td> <td>The connection parameters for a specific datasource</td> <td>body</td> <td></td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1" data-bbox="440 1780 764 1871"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>API not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	provider	The name of live connector provider	path	string	connectionParameters	The connection parameters for a specific datasource	body		HTTP Status Code	Reason	404	API not found
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404	API not found																					

POST

/live_connectors/{provider}/list_databases

The **list databases** endpoint returns a list of available databases in the connected instance.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
provider	The name of live connector provider	path	string
connectionParameters	The connection parameters for a specific datasource	body	

Error Status Codes

HTTP Status Code	Reason
404	API not found

POST

/live_connectors/{provider}/test_connection

The **test_connection** endpoint Opens a connection through a specified connector to the datasource.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
provider	The name of live connector provider	path	string
connectionParameters	The connection parameters for a specific datasource	body	

Error Status Codes

HTTP Status Code	Reason
404	API not found

POST

/live_connectors/{provider}/list_table_schemas

The **list table schemas** endpoint returns a list of available tables in a specified database. Table schemas do not include column details.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
provider	The name of live connector provider	path	string
connectionParameters	The connection parameters for a specific datasource	body	

Error Status Codes

HTTP Status Code	Reason
404	API not found

POST	/live_connectors/{provider}/table_schemas_details	<p>The list table schemas endpoint returns a list of available tables in a specified database. Table schemas do not include column details.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Parameter</th> <th style="text-align: left;">Description</th> <th style="text-align: left;">Parameter Type</th> <th style="text-align: left;">Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> <tr> <td>provider</td> <td>The name of live connector provider</td> <td>path</td> <td>string</td> </tr> <tr> <td>connectionParameters</td> <td>The connection parameters for a specific datasource</td> <td>body</td> <td></td> </tr> </tbody> </table> <p style="margin-top: 20px;">Error Status Codes</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">HTTP Status Code</th> <th style="text-align: left;">Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>API not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	provider	The name of live connector provider	path	string	connectionParameters	The connection parameters for a specific datasource	body		HTTP Status Code	Reason	404	API not found
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HTTP Status Code	Reason																					
404	API not found																					

Logs

POST	/logs/timer	<p>The post timer endpoint returns information regarding your dashboard's loading times.</p>
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Narration

GET	/narration/token	<p>The token endpoint is used for getting a new token for widget narration. With this token, you can enable widget narration if this feature is enabled for your account.</p> <p>Note: This endpoint is currently part of Sisense V6.7 beta and is subject to changes. Error Status Codes</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">HTTP Status Code</th> <th style="text-align: left;">Reason</th> </tr> </thead> <tbody> <tr> <td>401</td> <td>Not allowed to retrieve a token</td> </tr> <tr> <td>404</td> <td>Not found</td> </tr> </tbody> </table>	HTTP Status Code	Reason	401	Not allowed to retrieve a token	404	Not found
HTTP Status Code	Reason							
401	Not allowed to retrieve a token							
404	Not found							

POST

/narration/widget

The **narration/widget** endpoints defines custom narration for a widget

Note: This endpoint is currently part of Sisense V6.7 beta and is subject to changes.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
narrationParameters	The narration object that defines how a widget is narrated.	path	string

Name	Type	Mandatory	Description
charttype	string	Yes	The type of widget, chart, pie, etc.
widgetId	string	No	The ID of the widget where the custom text is to be applied to
dashboardId	string	No	The dashboard ID where the widget is located
format	string	No	The format of the text, bullets or paragraph ['bullets', 'paragraph']
verbosity	string	No	The amount of text to be included in the narration ['high', 'medium', 'low']
up_sentiment	string	No	The narration text sentiment ['good', 'bad']
aggregation	string	No	The narration text aggregation ['sum', 'average']
datasource	string	No	
format	string	No	
isMaskedResult	string	No	
count	number	No	
offset	number	No	
format	string	No	The format of the data
field	string	No	
dim	string	No	
datatype	string	No	
title	string	No	
id	string	No	
index	number	No	

aggregation (string, optional): narration text aggregation = ['sum', 'average']
datasource (string, object),
format (string, optional): data format ,
isMaskedResult (boolean, optional): masked result check ,
count (number, optional): narration text ,
offset (number, optional): offset

Error Status Codes

HTTP Status Code	Reason
401	Not authorized to access this endpoint
404	57007 Chart type not supported 57008 Data not supported for narration
422	300 Invalid request data 57003 Invalid JAQL request 57004 Can not handle JAQL response 57006 Narration error request
504	Gateway Timeout

Oauth

<p>GET</p>	<p>/oauth / {service} /login _uri</p>	<p>The get login uri endpoint returns uri for service login without redirect_uri param. It should be generated at client side.</p> <table border="1" data-bbox="440 180 1485 338"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> <tr> <td>service</td> <td>The name of service</td> <td>path</td> <td>string</td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1" data-bbox="440 436 764 527"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>API not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	service	The name of service	path	string	HTTP Status Code	Reason	404	API not found				
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service	The name of service	path	string																			
HTTP Status Code	Reason																					
404	API not found																					
<p>POST</p>	<p>/oauth / {service} /auth</p>	<p>The authorize endpoint returns tokens for specific client code.</p> <table border="1" data-bbox="440 604 1485 800"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> <tr> <td>service</td> <td>The name of service</td> <td>path</td> <td>string</td> </tr> <tr> <td>body</td> <td>Contains code and redirectUri parameters</td> <td>body</td> <td></td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1" data-bbox="440 898 764 989"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>API not found</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	service	The name of service	path	string	body	Contains code and redirectUri parameters	body		HTTP Status Code	Reason	404	API not found
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body	Contains code and redirectUri parameters	body																				
HTTP Status Code	Reason																					
404	API not found																					
<p>Plugins</p>																						

GET

/plugins

The **get plugins** endpoint returns a list of plugins with their details according to the filters and ordering you define.

The following information is returned:

Name	Type	Mandatory	Description
count	number	No	The amount of plug-ins enabled and disabled
name	string	No	Your plug-in's name
version	string, number	No	The version of the plug-in. Description of the plug-in and its version number
lastUpdated	string	No	The last time the plug-in was updated
isEnabled	boolean	No	Describes the current status of your plug-in, enabled/disabled
folderName	string	No	The folder name of the plug-in
limit	number	No	The limit defined for the amount of items that can be returned
skip	number	No	The number of items to be skipped before returning the remaining items
search	string	No	Any search terms that were defined in the request
orderby	string	No	The order in which the results were returned
desc	boolean	No	A boolean value that determines how the results were returned, ascending/descending

Note: This endpoint is currently part of Sisense V6.7 beta and is subject to changes.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
orderby	Filter by the field defined here	query	string
desc	Order by descending/ascending. The order is descending when this value is true. The order is ascending when this value is false	query	boolean
search	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string
skip	Number of results to skip from the start of the data set. <code>skip</code> is to be used with the <code>limit</code> parameter for paging	query	string
limit	How many results should be returned. <code>limit</code> is to be used with the <code>skip</code> parameter for paging	query	string

Error Status Codes

HTTP Status Code	Reason
404	Invalid parameter

GET

/plugins
/get_info

The **get_info** endpoint returns the build information including the JavaScript file name and last build error.

Note: This endpoint is currently part of Sisense V6.7 beta and is subject to changes.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
returnFile	Determines if the response is returned in JavaScript format or JSON.	query	boolean

Error Status Codes

HTTP Status Code	Reason
200	No response was specified

PATCH

/plugins

The **put plugins** endpoint updates the metadata of a plug-in and returns a list of modified plug-ins. Metadata for a plug-in includes its filename, directory location, and version details.

Note: This endpoint is currently part of Sisense V6.7 beta and is subject to changes.

Parameter	Description	Parameter Type	Data Type																								
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string																								
plugins	<p>plugins array to be updated</p> <p>You can update the following:</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Type</th> <th>Mandatory</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>name</td> <td>string</td> <td>No</td> <td>The plug-in's name</td> </tr> <tr> <td>version</td> <td>string</td> <td>No</td> <td>The plug-in's version</td> </tr> <tr> <td>lastUpdate</td> <td>string</td> <td>No</td> <td>Last time the plug-in was updated</td> </tr> <tr> <td>isEnabled</td> <td>boolean</td> <td>No</td> <td>Whether the plug-in is enabled or disabled</td> </tr> <tr> <td>folderName</td> <td>string</td> <td>No</td> <td>The plug-in's folder name</td> </tr> </tbody> </table>	Parameter	Type	Mandatory	Description	name	string	No	The plug-in's name	version	string	No	The plug-in's version	lastUpdate	string	No	Last time the plug-in was updated	isEnabled	boolean	No	Whether the plug-in is enabled or disabled	folderName	string	No	The plug-in's folder name	body	Array [undefined]
Parameter	Type	Mandatory	Description																								
name	string	No	The plug-in's name																								
version	string	No	The plug-in's version																								
lastUpdate	string	No	Last time the plug-in was updated																								
isEnabled	boolean	No	Whether the plug-in is enabled or disabled																								
folderName	string	No	The plug-in's folder name																								

Error Status Codes

HTTP Status Code	Reason
202	Plug-ins updated successfully
404	No plugins updated

Reporting

POST

/reporting

The **send report** endpoint receives asset info and recipients list and sends an email report. Note: the users and groups in the recipients section must be **shared** to the dashboard.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string

reportObject	An object containing the data needed in order to send the report. AssetId being the dashboard ID and the recipients array should contain the user's/group's ID along with its type. The preferences section describes the content of the Email to be sent.	body	<pre> { "assetId": "string", "assetType": "dashboard", "recipients": [{ "type": "user", "recipient": "string" }], "preferences": { "inline": true, "pdf": { "includeTitle": true, "includeFilters": true, "includeDS": true, "renderingInfo": { "paperFormat": "A3", "paperOrientation": "portrait", "layout": "asis" } } } } </pre>
fields	Whitelist of fields to return for each document. You can also define which fields to exclude by prefixing field names with -	query	string

expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string
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Error Status Codes

HTTP Status Code	Reason
204	Send report operation was successful

Settings

<p>GET</p>	<p>/settings/sso</p>	<p>The sso settings used for single sign on configuration.</p> <h3>Error Status Codes</h3> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>403</td> <td>Forbidden</td> </tr> <tr> <td>404</td> <td>Name not found</td> </tr> </tbody> </table>	HTTP Status Code	Reason	403	Forbidden	404	Name not found						
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<p>GET</p>	<p>/settings/system</p>	<p>The system settings used for system settings configuration.</p> <h3>Error Status Codes</h3> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>400</td> <td>System settings are empty</td> </tr> <tr> <td>403</td> <td>Forbidden</td> </tr> <tr> <td>404</td> <td>Name not found</td> </tr> </tbody> </table>	HTTP Status Code	Reason	400	System settings are empty	403	Forbidden	404	Name not found				
HTTP Status Code	Reason													
400	System settings are empty													
403	Forbidden													
404	Name not found													
<p>GET</p>	<p>/settings/email_server</p>	<p>The email server settings used for Email Server settings managing.</p> <h3>Error Status Codes</h3> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>Email server does not exist</td> </tr> </tbody> </table>	HTTP Status Code	Reason	404	Email server does not exist								
HTTP Status Code	Reason													
404	Email server does not exist													
<p>GET</p>	<p>/settings/globalization</p>	<p>The globalization endpoint returns locale settings, including the set locale, and whether autodetect is enabled.</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> </tbody> </table> <h3>Error Status Codes</h3> <table border="1"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>404</td> <td>Not configured yet</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	HTTP Status Code	Reason	404	Not configured yet
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HTTP Status Code	Reason													
404	Not configured yet													
<p>GET</p>	<p>/settings/public_settings</p>	<p>The Public Configuration used for getting public system settings.</p>												

POST

/settings/sso

The **sso settings** used for single sign on configuration.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
sso	<p>Object with the SSO settings.</p> <p>You can define the following attributes:</p> <ul style="list-style-type: none"> "_id": An ID generated by Sisense. You can retrieve this through the GET /settings/sso endpoint. "name": The name of the object defined by Sisense. By default, the name is sso. "enabled": Boolean value that determines if SSO is enabled or not. "ssoType": The type of SSO to be enabled, "jwt" or "saml". "loginUrl": The URL where users are redirected to when logging in when SSO via JWT is enabled. "logoutUrl": The URL where users are redirected to when logging out when SSO via JWT is enabled. "sharedSecret": Your shared secret key. The Shared Key is a JWT encryption public key used to encrypt the JWT payload. It is generated when the SSO configuration is saved in the Sisense Web Application. "loginUriSaml": The URL where users are redirected to when logging in when SSO via SAML is enabled. "logoutUriSaml": The URL where users are redirected to when logging out when SSO via SAML is enabled. "idPCert": A certificate provided by your IdP that enables Sisense to decrypt SAML responses from the IdP. "lowSecurityJwtSso": A boolean that determines the level of security enforced when implementing SSO JWT security. By default, this value is <code>False</code>, which means the JTI parameter is required. The JTI parameter is a unique string added to the token that is used to prevent replay attacks, by making sure the token is used only once. "syncGroupsFromSamlToken": A boolean that controls whether to update the user's groups from the SAML SSO token on subsequent logins, and not created from scratch. 	body	

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	Forbidden

POST

/settings/system

The **system settings** used for system settings configuration.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
emailServer	Object with the system settings	body	

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	Forbidden

POST

/settings
/email
_server

The **email server settings** used for Email Server settings managing.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
emailServer	Object with the system settings	body	

Error Status Codes

HTTP Status Code	Reason
400	<ul style="list-style-type: none"> 7501 Email server settings already exists

POST

/settings
/globalization

You can change the locale or select whether the localization selection is automatically detected or not.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
globalization	Object with the globalization settings.	body	

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	Forbidden

PUT

/settings
/globalization

You can update the locale or select whether the localization selection is automatically detected or not.

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
globalization	Object with the globalization settings.	body	

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	Forbidden

<p style="text-align: center; background-color: #f96; color: white; padding: 2px;">PATCH</p>	<p>/settings /email_server</p>	<p>The email server settings used for Email Server settings managing.</p> <table border="1" data-bbox="440 180 1485 338"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> <tr> <td>emailServer</td> <td>Object with the settings of email server</td> <td>body</td> <td></td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1" data-bbox="440 434 753 567"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>400</td> <td>Invalid input</td> </tr> <tr> <td>403</td> <td>Forbidden</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	emailServer	Object with the settings of email server	body		HTTP Status Code	Reason	400	Invalid input	403	Forbidden
Parameter	Description	Parameter Type	Data Type																	
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string																	
emailServer	Object with the settings of email server	body																		
HTTP Status Code	Reason																			
400	Invalid input																			
403	Forbidden																			
<p style="text-align: center; background-color: #f96; color: white; padding: 2px;">DELETE</p>	<p>/settings /email_server</p>	<p>The delete email server settings delete your email server settings.</p>																		
<p style="text-align: center; background-color: #f96; color: white; padding: 2px;">DELETE</p>	<p>/settings /globalization</p>	<p>Deletes globalization settings in your server.</p> <table border="1" data-bbox="440 768 1485 890"> <thead> <tr> <th>Parameter</th> <th>Description</th> <th>Parameter Type</th> <th>Data Type</th> </tr> </thead> <tbody> <tr> <td>authorization</td> <td>The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial</td> <td>header</td> <td>string</td> </tr> </tbody> </table> <p>Error Status Codes</p> <table border="1" data-bbox="440 987 802 1119"> <thead> <tr> <th>HTTP Status Code</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>400</td> <td>Invalid input</td> </tr> <tr> <td>403</td> <td>Not configured yet</td> </tr> </tbody> </table>	Parameter	Description	Parameter Type	Data Type	authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string	HTTP Status Code	Reason	400	Invalid input	403	Not configured yet				
Parameter	Description	Parameter Type	Data Type																	
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HTTP Status Code	Reason																			
400	Invalid input																			
403	Not configured yet																			
<p>Shares</p>																				

GET

/dash
board
s/
{dash
board
id}
/shares

The **get shares** endpoint returns a dashboard's share configurations.

The expandable fields for the shares object are `group` and `user`.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard who's shares to get.	path	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```
[  
  {  
    "shareId": "string",  
    "type": "user",  
    "rule": "view",  
    "subscribe": true  
  }  
]
```

Error Status Codes

HTTP Status Code	Reason
200	An array of the dashboard's sharing configurations
404	expand resource not found

GET

/dashboards/{dashboard}/shares/{id}

The **get share by id** endpoint returns the details of a specific share of the dashboard.

The expandable fields for the shares object are `group` and `user`.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard to get.	path	string
id	The ID of the share to get.	path	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```
{
  "shareId": "string",
  "type": "user",
  "rule": "view",
  "subscribe": true
}
```

Error Status Codes

HTTP Status Code	Reason
200	A dashboard share configuration
404	expand resource not found

Suggestion

GET

/suggestions/status

The **suggestions status** endpoint returns the current status of your suggestions including the last time your suggestions were updated.

lastExecution: The time of the last suggestion refresh.

jobStatus: Describes if the suggestions are to be refreshed or not.

jobFrequent: Describes when and how often the system is refreshed in CRON format.

executionStatus: Describes if the suggestions are currently being refreshed by the system.

}

Note: This endpoint is available from Sisense V7.0 and later.

Error Status Codes

HTTP Status Code	Reason
404	Suggestion was not set

POST

/suggestions

The **suggestions** endpoint allows you to leverage Sisense suggestions in your own application.

Note: This endpoint is available from Sisense V7.0 and later.

Parameters

Parameter	Description	Parameter Type	Data Type																					
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string																					
Suggestions Parameters	<p>The properties that define which object to return suggestions for. You can return suggestions for a data source or for a specific field within a data source.</p> <p>The request body includes the following properties:</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Mandatory</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>datasource</td> <td>Required</td> <td>This object defines the source where the suggestions are pulled. { title: 'DATASOURCE_TITLE', (required) fullname: 'DATASOURCE_FULL_NAME' (optional) }</td> </tr> <tr> <td>type</td> <td>Required</td> <td>A string that defines the type of suggestions (widgets, filters, formulas etc.). Currently, the only value for this property is widgets.</td> </tr> <tr> <td>count</td> <td>Optional</td> <td>A Number that defines how many items to return. By default 0.</td> </tr> <tr> <td>fields</td> <td>Required</td> <td>This array contains a list of target fields (dimensions). [{ dim: 'FIELD_DIM' }]</td> </tr> <tr> <td>skip</td> <td>Optional</td> <td>A Number that defines how many items to skip. By default 0.</td> </tr> <tr> <td>popular</td> <td>Optional</td> <td>A boolean that determines if popular fields are returned in the suggestions. By default this value is false.</td> </tr> </tbody> </table>	Name	Mandatory	Description	datasource	Required	This object defines the source where the suggestions are pulled. { title: 'DATASOURCE_TITLE', (required) fullname: 'DATASOURCE_FULL_NAME' (optional) }	type	Required	A string that defines the type of suggestions (widgets, filters, formulas etc.). Currently, the only value for this property is widgets.	count	Optional	A Number that defines how many items to return. By default 0.	fields	Required	This array contains a list of target fields (dimensions). [{ dim: 'FIELD_DIM' }]	skip	Optional	A Number that defines how many items to skip. By default 0.	popular	Optional	A boolean that determines if popular fields are returned in the suggestions. By default this value is false.	body	
Name	Mandatory	Description																						
datasource	Required	This object defines the source where the suggestions are pulled. { title: 'DATASOURCE_TITLE', (required) fullname: 'DATASOURCE_FULL_NAME' (optional) }																						
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skip	Optional	A Number that defines how many items to skip. By default 0.																						
popular	Optional	A boolean that determines if popular fields are returned in the suggestions. By default this value is false.																						

Error Status Codes

HTTP Status Code	Reason
401	No access allowed

POST

/suggestions/refresh

The **suggestions refresh** endpoint manually refreshes your suggestions with the latest data from your Elasticube. Sisense automatically refreshes the data and rank once a day; however, you can refresh more often manually through this endpoint.

Note: This endpoint is available from Sisense V7.0 and later.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
Suggestions Parameters	<p>You can refresh your data and your suggestions' ranking by setting the following properties to true.</p> <p>You can refresh one or both properties.</p> <p>"data": Boolean - If true, Sisense refreshes your suggestions data.</p> <p>"ranking": Boolean - If true, Sisense refreshes the ranking for results returned based. If you set data to true, Sisense refreshes your data to the latest data available and then refreshes the ranking. If you only set ranking to true, Sisense refreshes the ranking according to the existing data.</p>	body	

Error Status Codes

HTTP Status Code	Reason
401	No access allowed
404	Not found

Translations

GET

/translations

The **get translations** endpoint returns a list of all your supported languages in Sisense.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string

Error Status Codes

HTTP Status Code	Reason
404	Language not found

GET

/translations/{lang}

The **get translations language** endpoint returns a language file.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string

Error Status Codes

HTTP Status Code	Reason
404	Language not found

Users

GET

/users

The **get users** endpoint returns a list of users with their details. Results can be filtered by parameters such as username and email.

The expandable fields for the user object are `groups`, `adgroups` and `role`.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
userName	Username to filter by	query	string
email	Email to filter by	query	string
firstName	First name to filter by	query	string
lastName	Last name to filter by	query	string
roleId	Role ID to filter by	query	string
groupId	Group ID to filter by	query	string
active	User state to filter by - <code>true</code> for active users, <code>false</code> for inactive users	query	boolean
origin	User origin to filter by - <code>ad</code> for active directory or <code>sisense</code>	query	string
ids	Array of user IDs to get, separated by a comma (,) and without spaces	query	array
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
sort	Field by which the results should be sorted. Ascending by default, descending if prefixed by <code>-</code>	query	string
skip	Number of results to skip from the start of the data set. To be used with the <code>limit</code> parameter for paging	query	integer
limit	How many results should be returned. To be used with the <code>skip</code> parameter for paging	query	integer
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```
[
  {
    "_id": "string",
    "email": "string",
    "userName": "string",
    "firstName": "string",
    "lastName": "string",
    "roleId": "string",
    "active": true,
    "groups": [
      "string"
    ],
    "adgroups": [
      "string"
    ],
    "activeDirectory": true,
    "principalName": "string",
    "objectSid": "string",
    "uSNChanged": "string",
    "dn": "string",
    "preferences": {},
    "created": "2015-11-15T13:39:24.613Z",
    "lastLogin": "string",
    "lastUpdated": "2015-11-15T13:39:24.613Z",
    "pendingExpiration": "2015-11-15T13:39:24.613Z"
  }
]
```

Error Status Codes

HTTP Status Code	Reason
200	An array of users
404	expand resource not found

GET

/users
/{id}

The **get user by ID** endpoint retrieves a specific user object corresponding to the provided ID.

The expandable fields for the user object are `groups`, `adgroups` and `role`.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
id	The ID of the user to get	path	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with <code>-</code>	query	string
expand	List of fields that should be expanded (substitutes their IDs with actual objects). May be nested using the <code>resource.subResource</code> format	query	string

Response Class

```
{
  "_id": "string",
  "email": "string",
  "userName": "string",
  "firstName": "string",
  "lastName": "string",
  "roleId": "string",
  "active": true,
  "groups": [
    "string"
  ],
  "adgroups": [
    "string"
  ],
  "activeDirectory": true,
  "principalName": "string",
  "objectSid": "string",
  "uSNChanged": "string",
  "dn": "string",
  "preferences": {},
  "created": "2015-11-15T13:39:24.622Z",
  "lastLogin": "string",
  "lastUpdated": "2015-11-15T13:39:24.622Z",
  "pendingExpiration": "2015-11-15T13:39:24.622Z"
}
```

Error Status Codes

HTTP Status Code	Reason
200	user
404	resource not found

POST

/users

The *add user* endpoint receives a new user object and creates that user in Sisense, returning the created object. If a user with the same username or email exists, it will return an error.

Note: Groups should be populated by the Group's ID, not the Group's name.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
user	Basic user object (in JSON notation) to be added	body	Object [schema]: <pre>{ "email": "string", "userName" : "string", "firstName" : "string", "lastName" : "string", "roleId": "string", "groups": ["string"], "preferences": {}, "password" : "string" }</pre>

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

POST

/users
/ad

The **add AD user** endpoint receives an AD user object, retrieves the user's details from Active Directory and adds him to the application.

Note: Groups should be populated by the Group's ID, not the Group's name.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
adUser	AD user object to be added	body	Object [schema]: <pre>{ "userName" : "string", "roleId": "string", "groups": ["string"], "objectSid" : "string", "preferenc es": {} }</pre>

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

POST

/users
/bulk

The **bulk add** endpoint allows adding multiple users at once, by receiving an array of user objects who's structure is alike to the single **add user** endpoint.

Note: Groups should be populated by the Group's ID, not the Group's name.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
users	A collection of basic user objects (in <code>JSON</code> notation) to be added	body	Object [schema]: <pre>[{ "email": "string", "userName": : "string", "firstName": : "string", "lastName": : "string", "roleId": "string", "groups": ["string"], "preferences": {}, "password": "string" }]</pre>

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

POST

/users
/ad
/bulk

The **bulk add AD user** endpoint receives an array of AD user objects, retrieves the user's details from Active Directory and adds them to the application.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
adUsers	Array of AD user objects to be added	body	Object [schema]: <pre>[{ "userName" : "string", "roleId": "string", "groups": ["string"], "objectSid": "string", "preferences": {} }]</pre>

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

PATCH

/users
/{id}

Update a user

DELETE

/users
/bulk

Delete multiple users

DELETE

/users
/{id}

Delete a user

Widgets

GET

/dash
board
s/
{dash
boardl
d}
/widge
ts

The **get dashboard widgets** endpoint returns an array of a dashboard's widgets. The result can be filtered by different parameters such as the widget type or title.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard to get	path	string
title	Widget title to filter by	query	string
type	Widget type to filter by	query	string
subtype	Widget sub-type to filter by	query	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with -	query	string
sort	Field by which the results should be sorted. Ascending by default, descending if prefixed by -	query	string
skip	Number of results to skip from the start of the data set. To be used with the <code>limit</code> parameter for paging	query	integer
limit	How many results should be returned. To be used with the <code>skip</code> parameter for paging	query	integer

Response Class

```
[
  {
    "title": "string",
    "oid": "string",
    "datasource": {
      "title": "string",
      "id": "string",
      "address": "string",
      "database": "string"
    },
    "type": "string",
    "subtype": "string",
    "dashboardid": "string",
    "owner": "string",
    "userid": "string",
    "instancetype": "string",
    "lastUpdated": "2015-11-15T13:39:24.518Z",
    "metadata": {
      "panels": [
        {
          "name": "string",
          "items": [
            {
              "jaql": {
                "dim": "string",
                "datatype": "string",
                "title": "string"
              },
              "field": {
                "id": "string",
                "index": 0
              },
              "format": {}
            }
          ]
        }
      ]
    },
    "shares": [
      {
        "shareId": "string",
        "type": "user",
        "rule": "view",
        "subscribe": true
      }
    ]
  }
]
```

Error Status Codes

HTTP Status Code	Reason
200	An array of widgets

GET

/dash
board
s/
{dash
board
id}
/widge
ts/{id}

The **get dashboard widget by ID** endpoint returns a specific widget (by ID) from a specific dashboard.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard containing the widget	path	string
id	The ID of the widget to get	path	string
fields	Whitelist of fields to return for each document. Can also define which fields to exclude by prefixing field names with -	query	string

Response Class

```
{
  "title": "string",
  "oid": "string",
  "datasource": {
    "title": "string",
    "id": "string",
    "address": "string",
    "database": "string"
  },
  "type": "string",
  "subtype": "string",
  "dashboardid": "string",
  "owner": "string",
  "userId": "string",
  "instanceType": "string",
  "lastUpdated": "2015-11-15T13:39:24.532Z",
  "metadata": {
    "panels": [
      {
        "name": "string",
        "items": [
          {
            "jaql": {
              "dim": "string",
              "datatype": "string",
              "title": "string"
            },
            "field": {
              "id": "string",
              "index": 0
            },
            "format": {}
          }
        ]
      }
    ]
  },
  "shares": [
    {
      "shareId": "string",
      "type": "user",
      "rule": "view",
      "subscribe": true
    }
  ]
}
```

Error Status Codes

HTTP Status Code	Reason
200	The widget with the given ID

GET

/dashboards/{dashboardid}/widgets/{id}/export/png

The **export widget to .png** endpoint returns a specified widget rendered as a .png image. The desired output image size (height & width) must be specified.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard containing the widget	path	string
id	The ID of the widget to export	path	string
width	Render width in pixels	query	string
height	Render height in pixels	query	string

Error Status Codes

HTTP Status Code	Reason
200	Image file

POST

/dashboards/{dashboardid}/widgets

The **add widget to dashboard** endpoint adds the provided widget object to the dashboard of the given ID.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard to add the widget to	path	string

widget	Basic widget object to be added to the dashboard	body	<div style="background-color: #f0f0f0; padding: 5px;">Object [schema]:</div> <pre> { "title": "string", "datasource": { "title": "string", "id": "string", "address": "string", "database": "string" }, "type": "string", "subtype": "string", "metadata": { "panels": [{ "name": "string", "items": [{ "jaql": { "dim": "string", "datatype": "string", "title": "string" }, "field": { "id": "string", "index": 0 }, "format": {} }] }] } } </pre>
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Error Status Codes

HTTP Status Code	Reason
201	No response was specified

PATCH

/dashboards/{dashboardId}/widgets/{id}

The **update widget** endpoint will perform a partial update on the dashboard's widget of the provided ID, updating the fields with the widget object provided in the body.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard to add the widget to	path	string
id	The ID of the widget to update	path	string
widget	Basic widget object to be added to the dashboard	body	<p>Object [schema]:</p> <pre>{ "title": "string", "oid": "string", "datasource": { "title": "string", "id": "string", "address": "string", "database": "string" }, "type": "string", "subtype": "string", "dashboardid": "string", "owner": "string", "userId": "string", "instanceType": "string", "lastUpdated": "2015-11-15T13:39:24.448Z", "metadata": { "panels": [{ "name": "string", "items": [{ "jaql": { "dim": "string", "datatype": "string",</pre>

```

"title": "string"
  },
  "field": {
    "id": "string",
    "index": 0
  },
  "format": {}
}
]
},
"shares": [
  {
    "shareId":
"string",
    "type":
"user",
    "rule":
"view",
"subscribe": true
  }
]
}

```

Error Status Codes

HTTP Status Code	Reason
201	No response was specified

DELETE

/dashboards/{dashboardId}/widgets/{id}

The **delete widget** endpoint will delete the widget with the provided ID from its dashboard.

Parameters

Parameter	Description	Parameter Type	Data Type
authorization	The user's API token, preceded by the keyword <code>Bearer</code> (with a space between it and the token). For more information, please refer to the API tutorial	header	string
dashboardId	The ID of the dashboard containing the widget	path	string
id	The ID of the widget to delete	path	string

Error Status Codes

HTTP Status Code	Reason
200	Delete operation was successful