

REST API Reference - v0.9

Base URL



The base URL for the v0.9 API is: /api

For example, a request to it's users endpoint will be `http://localhost/api/users`

REST API v0.9 operations are available for the following categories:

- [ElastiCubes](#)
- [Users](#)
- [Groups](#)
- [Authorization](#)
- [Branding](#)
- [Settings](#)
- [Reporting](#)
- [Roles](#)
- [Palettes](#)

ElastiCubes

Metadata

GET

/elasticubes
/metadata

Metadata includes the ElastiCube name, ElastiCube ID, the server address (URL), and the database name.

Parameters

Parameter	Description	Data Type
q	A query that returns all ElastiCubes beginning with the value. For example, a value of 'sa' will return ElastiCubes called 'Sample Ecommerce', 'Sample Lead generation' etc.	String
sortBy	The order in which the ElastiCubes appear in the response (natural, title, lastupdateime, createtime).	String

Response

```
[
  {
    "title": "string",
    "fullname": "string",
    "id": "ObjectId",
    "address": "string",
    "database": "string"
  }
]
```

Properties

Property	Description
title	The name of the ElastiCube.
fullname	The address together with the title in the format, address/title.
id	The ID of the ElastiCube.
address	The ElastiCube server address
database	The name of the database

Error Status Codes

HTTP Status Code	Reason
403	Forbidden

GET

/elasticubes
/metadata/
{elasticube}

Metadata includes the ElasticCube name, ElasticCube ID, server address, and database name.

Parameters

Parameter	Mandatory	Description	Data Type
elasticube	Yes	The ElasticCube's name as displayed in the ElasticCube Manager.	string

Response

```
{  
  "title": "string",  
  "fullname": "string",  
  "id": "objectId",  
  "address": "string",  
  "database": "string"  
}
```

Properties

Property	Description
title	The name of the ElasticCube.
fullname	The address together with the title in the format, address/title.
id	The ID of the ElasticCube.
address	The ElasticCube server address.
database	The name of the database.

Error Status Codes

HTTP Status Code	Reason
400	Invalid elasticube identifier
403	Forbidden

GET

/elasticubes
/metadata/
{elasticube}/fields

Returns field details including the related column and table.

Parameters

Parameter	Mandatory	Description	Data Type
elasticube	Yes	The name of the ElastiCube as displayed in the ElastiCube Manager.	String
q	No	Enter a specific query to return only fields that include the query string.	String
offset	No	Defines how many items to skip before returning the results. For example, to return results from value #101 onward, enter a value of '100'.	Integer
count	No	Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	Integer

Response

```
[  
  {  
    "id": "string",  
    "type": "string",  
    "dimtype": "string",  
    "title": "string",  
    "table": "string",  
    "column": "string",  
    "merged": bool,  
    "indexed": bool  
  },  
]
```

Properties

Property	Description
id	Internal reference.
type	The type of field, for example, 'dimension'.
dimtype	The type of dimension, for example: text, date-time, etc.
title	The field name.
table	The table name.
column	The column name.
merged	Indicates if merged with another table.
indexed	Indicates if the field data was indexed for quicker processing in subsequent builds.

Error Status Codes

HTTP Status Code	Reason
400	Invalid ElastiCube identifier
403	Forbidden

GET

/elasticubes/
{elasticube}/Sql

Parameters

Parameter	Mandatory	Description	Data Type
elasticube	Yes	The name of the ElastiCube.	String
offset	No	Defines how many items to skip before returning the results. For example, to return results from value #101 onward, enter a value of '100'.	Integer
count	No	Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	Integer
format	No	The format in which the results are returned.	String
query	No	The SQL statement to execute.	String

Error Status Codes

HTTP Status Code	Reason
400	Invalid Elasticube identifier
403	Forbidden

GET

/elasticubes/

Returns ElastiCubes with their server and ElastiCube details.

Parameters

Parameter	Value	Description	Data Type
q		A query that returns all ElastiCubes beginning with the value. For example, a value of 'sa' will return ElastiCubes called 'Sample Ecommerce', 'Sample Lead generation', etc.	String
offset		Defines how many items to skip before returning the results. For example, to return results from value #101 onward, enter a value of '100'.	Integer
count		Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	Integer
direction		The sort direction of the results.	String
withPermissions		Include ElastiCube permissions.	Bool

Response

```
[
  {
    "address": "string",
    "cubes": [],
    "permissionsSummary": int
  }
]
```

Properties

Property	Description
address	The ElastiCube address.
cubes	An array that includes metadata for each ElastiCube.
createdUtc	The date on which the ElastiCube was created.
databaseName	The name of the database.
lastBuiltUtc	The last build date.
permissionsSummary	A list of permissions.
sizeInMb	The size of the ElastiCube in MB.
status	The status of the ElastiCube: 1 - stopped 2 - running 4 - faulted 8 - being deleted 16 - currently restarting 32 - wrong version 64 - the ElastiCube is down because it is 32 bit data on a 64 bit codebase 128 - the ElastiCube is down because it is 64 bit data on a 32 bit codebase 256 - locked 514 - the ElastiCube or its child is currently in a build process. 1024 - the ElastiCube is starting, but not yet running. 2048 - the ElastiCube is in a build process. 4096 - trying to import a BigData ElastiCube on a non-BigData server 8192 - trying to import a non-BigData ElastiCube on a BigData server 16384 - Building is finished, now post indexing is running 32768 - the ElastiCube is being stopped but its executable is still running 65536 - this ElastiCube is in the process of cancelling an in-progress build
title	The name of the ElastiCube in the ElastiCube Manager.

Error Status Codes

HTTP Status Code	Reason
403	Forbidden

GET

/elasticubes
/servers

Parameters

Parameter	Description	Data Type
q	Enter a search query to return results containing the query.	String
offset	Defines how many items to skip before returning the results. For example, to return results from value #101 onward, enter a value of '100'. Enter 0 (zero) or leave blank not to limit.	Integer
count	Limit the result set to a defined Integer of results.	Integer
direction	The sort direction.	String
withPermissions	Includes a list of permissions.	Bool

Response

```
[
  {
    "address": "string",
    "permissionsSummary": Integer
  }
]
```

Properties

Property	Description
address	The ElastiCube address.
permissionsSummary	A list of permissions.

Error Status Codes

HTTP Status Code	Reason
403	Forbidden

GET

/elasticubes
/servers/{server}

Parameters

Parameter	Mandatory	Description	Data Type
server	Yes	The server address. The default value that you can enter is localhost.	String
q	No	A query that returns all ElastiCubes beginning with the value. For example, a value of 'sa' will return ElastiCubes called 'Sample Ecommerce', 'Sample Lead generation' etc.	String
offset	No	Defines how many items to skip before returning the results. For example, to return results from value #101 onward, enter a value of '100'.	Integer
count	No	Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	Integer
orderBy	No	Orders the results by field name. You can add multiple sort fields separated by a comma delimiter ','.	String
direction	No	The sort direction.	String

Response

```
[
  {
    "createdUtc": "dateTime",
    "databaseName": "aCountries",
    "lastBuiltUtc": "Datetime",
    "permissionsSummary": int,
    "sizeInMb": float,
    "status": int,
    "title": "string"
  }
]
```

Properties

Property	Description
_id	Internal reference number.
createdUtc	The server's creation date.
databaseName	The name of the database.
lastBuiltUtc	The server's last build date.
permissionsSummary	A list of permissions.
sizeInMb	The size of the ElastiCube in MB.
status	The status of the ElastiCube. 1 - stopped 2 - running 4 - faulted 8 - being deleted 16 - currently restarting 32 - wrong version 64 - the ElastiCube is down because it is 32 bit data on a 64 bit codebase 128 - the ElastiCube is down because it is 64 bit data on a 32 bit codebase 256 - locked 514 - the ElastiCube or its child is currently in a build process. 1024 - the ElastiCube is starting, but not yet running. 2048 - the ElastiCube is in a build process. 4096 - trying to import a BigData ElastiCube on a non-BigData server 8192 - trying to import a non-BigData ElastiCube on a BigData server 16384 - Building is finished, now post indexing is running 32768 - the ElastiCube is being stopped but its executable is still running 65536 - this ElastiCube is in the process of cancelling an in-progress build
title	The name of the ElastiCubes.

Error Status Codes

HTTP Status Code	Reason
403	Forbidden

GET

/elasticsearch
/servers/{server}
/simple

Parameters

Parameter	Mandatory	Description	Data Type
server	Yes	The ElastiCube's server address (name/address/IP).	String
databaseName	No	Enter a specific ElastiCube ID to return the results for that ElastiCube only.	String

Response

```
[  
  {  
    "createdUtc": "dateTime",  
    "databaseName": "aCountries",  
    "lastBuiltUtc": "Datetime",  
    "permissionsSummary": int,  
    "sizeInMb": float,  
    "status": int,  
    "title": "string"  
  }  
]
```

Error Status Codes

HTTP Status Code	Reason
403	Forbidden

GET

/elasticubes
/servers/{server}
/status

Parameters

Parameter	Mandatory	Description	Data Type
server	Yes	The ElastiCube's server address	String
q	No	Enter a search query to return results containing the query	String
offset	No	Defines how many items to skip before returning the results. For example, to return results from value #101 onward, enter a value of '100'.	Integer
count	No	Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	Integer
orderBy	No	Orders the results by field name. You can add multiple sort fields separated by a comma delimiter ','	String
direction	No	The sort direction.	String

Response

```
[
  {
    "status": int,
    "title": "string"
  },
]
```

Properties

Property	Description
status	<p>The status of the ElastiCube:</p> <ul style="list-style-type: none"> 1 - stopped 2 - running 4 - faulted 8 - being deleted 16 - currently restarting 32 - wrong version 64 - the ElastiCube is down because it is 32 bit data on a 64 bit codebase 128 - the ElastiCube is down because it is 64 bit data on a 32 bit codebase 256 - locked 514 - the ElastiCube or its child is currently in a build process. 1024 - the ElastiCube is starting, but not yet running. 2048 - the ElastiCube is in a build process. 4096 - trying to import a BigData ElastiCube on a non-BigData server 8192 - trying to import a non-BigData ElastiCube on a BigData server 16384 - Building is finished, now post indexing is running 32768 - the ElastiCube is being stopped but its executable is still running 65536 - this ElastiCube is in the process of cancelling an in-progress build
title	The name of the ElastiCube.

Error Status Codes

HTTP Status Code	Reason
403	Forbidden

GET

/elasticubes/
{server}/
{elasticube}
/datasecurity

[Click here](#) to learn more about Sisense data security.

Parameters

Parameter	Mandatory	Description	Data Type
server	Yes	The ElastiCube's server address.	String
elasticube	Yes	The name of the ElastiCube.	String
table		The name of the table in the ElastiCube.	
column		The name of the column in the table.	
datatype		The type if data, for example, 'string'.	

Response

```
[
  {
    "_id": "objectId",
    "allMembers": bool,
    "column": "string",
    "cubeId": "objectId",
    "datatype": "text",
    "members": [],
    "server": "LocalHost",
    "shares": [
      {
        "type": "default"
      }
    ],
    "table": "string"
  }
]
```

Properties

Property	Description
_id	Internal reference ID.
allMembers	Refers to either all members (true), no members (false) or specified members of the members property.
column	The column name in the table.
cubeId	The ElastiCube ID.
datatype	The data type, for example, 'string'.
members	The values on which data restrictions have been applied.
server	The name of the ElastiCube server.
shares	An array with the properties of type, defining the default group or user, and party (the user or group ID).
table	The name of the table in the ElastiCube.

Error Status Codes

HTTP Status Code	Reason
400	Invalid ElastiCube identifier
403	Forbidden

GET

/elasticubes/
{server}/{cube}/
{user}
/datasecurity

Parameters

Parameter	Mandatory	Description	Data Type
server	Yes	The ElastiCube's server address. The default server address is localhost.	String
cube	Yes	The ElastiCube's name as displayed in the ElastiCube Manager.	String
user	Yes	The user's ID or username, such as user@sisense.com.	String

Response

```
[
  {
    "_id": "objectId",
    "allMembers": bool,
    "column": "String",
    "cubeId": "objectId",
    "datatype": "int",
    "members": [],
    "server": "string",
    "shares": [
      {
        "type": "default"
      }
    ],
    "table": "string"
  }
]
```

Properties

Property	Description
id	The user's unique ID.
allMembers	Refers to either all members (true), no members (false) or specified members of the members property.
column	The name of the column in the table.
cubeld	The unique ID of the ElastiCube.
datatype	The data type, for example, 'string'.
members	The values on which data restrictions have been applied.
server	The ElastiCube server address.
shares	An array with the properties of type, defining the default group or user, and party (the user or group ID).
table	The table in the ElastiCube.

Error Status Codes

HTTP Status Code	Reason
400	Invalid ElastiCube identifier
403	Forbidden

GET

/elasticubes/
{server}/
{elasticube}
/datasecurity/
{table}/{column}

Parameters

Parameter	Value	Description	Data Type
server	<i>mandatory</i>	The ElastiCube's server address.	String
elasticube	<i>mandatory</i>	The name of the ElastiCube	String
table	<i>mandatory</i>	The name of the table in the ElastiCube	String
column	<i>mandatory</i>	The name of the column in the table	String

Response

Error Status Codes

HTTP Status Code	Reason
400	invalid ElastiCube identifier
403	forbidden

GET

/elasticubes/
{server}/
{elasticube}
/permissions

Parameters

Parameter	Value	Description	Data Type
server	<i>mandatory</i>	The Elasticube's server address.	string
elasticube	<i>mandatory</i>	The name or ID of the Elasticube	string

Response

```
{
  "server": "string",
  "title": "string",
  "shares": [
    {
      "permission": "string",
      "party": "string",
      "type": "string",
      "shareId": "objectId",
      "permission": null,
      "rule": "view"
    }
  ]
}
```

Properties

Property	Description
inherited	
server	The Elasticube's server address.
title	The name of the Elasticube.
shares	An array containing the different permissions. Each permission is an ACL (access control level) object. party - The ID of the party (either a user or user group) type - type of party (user or user group)

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid cube ID
403	forbidden

POST

/elasticubes/
{server}/
{elasticube}/start

Parameters

Parameter	Value	Description	Data Type
server	<i>Mandatory</i>	The ElastiCube's server address.	string
elasticube	<i>Mandatory</i>	The name or ID of the ElastiCube.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid elasticube
403	forbidden

POST

/elasticubes/
{server}/
{elasticube}/stop

Parameters

Parameter	Value	Description	Data Type
server	<i>Mandatory</i>	The ElastiCube's server address.	string
elasticube	<i>Mandatory</i>	The name of the ElastiCube.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid ElastiCube
403	forbidden

POST

/elasticubes/
{server}/
{elasticube}/
/restart

Parameters

Parameter	Value	Description	Data Type
server	<i>Mandatory</i>	The server address of the ElastiCube.	string
elasticube	<i>Mandatory</i>	elasticube name	string

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid elasticube
403	forbidden

POST

/elasticubes/
{server}/
{elasticube}
/startBuild

This operation includes the option to select the type of build.

Parameters

Parameter	Value	Description	Data Type
server	<i>Mandatory</i>	The server address of the ElastiCube.	string
elasticube	<i>Mandatory</i>	The name or ID of the ElastiCube	string
type		Process Type: None - Updates the ElastiCube server with the ElastiCube schema, without building. Full - Rebuilds the ElastiCube from scratch. 	string

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid elasticube
403	forbidden

POST

/elasticubes/
{server}/
{elasticube}
/stopBuild

Parameters

Parameter	Value	Description	Data Type
server	<i>Mandatory</i>	The server address of the ElastiCube.	string
elasticube	<i>Mandatory</i>	The name of the ElastiCube.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid elasticube
403	forbidden

POST

/elasticubes/
{elasticube}/jaql

As an example, the following JAQL query returns total quantity by contact name.

Example JAQL

```

// Example JAQL query

```

```
{
  "datasource": {
    "title": "Training",
    "id": "aLOCALHOST_aTRAINING",
    "address": "LocalHost",
    "database": "aTraining"
  },
  "metadata": [
    {
      "jaql": {
        "table":
"Customers",
        "column":
"ContactName",
        "dim":
"[Customers.ContactName]",
        "datatype":
"text",
        "title":
"ContactName"
      }
    },
    {
      "jaql": {
        "table":
"OrderDetails",
        "column": "Quantity",
        "dim":
"[OrderDetails.Quantity]",
        "datatype":
"numeric",
        "agg": "sum",
        "title": "Total
Quantity"
      }
    },
  ],
  "count": 20000,
  "offset": 0,
}
```


Parameters

Parameter	Value	Description	Data Type
Jaql	<i>Mandatory</i>	The Jaql query.	Jaql
elasticube	<i>Mandatory</i>	The name or ID of the Elasticube.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid elasticube identifier
403	forbidden

POST

/elasticubes/
{server}/
{elasticube}
{datasecurity}

For more information about Sisense data security, [click here](#).

Parameters

Parameter	Value	Description	Data Type								
server	<i>mandatory</i>	The server address of the ElastiCube.	string								
elasticube	<i>mandatory</i>	The name of the ElastiCube.	string								
body	<i>mandatory</i>	The data security object that needs to be updated.	<div data-bbox="889 420 1477 976"><p>Model Schema</p><pre>[{ "table": "string", "column": "string", "datatype": "string", "shares": [{ "party": "string", "type": "string" }], "members": ["string"], "allMembers": "bool" }]</pre></div> <p>Properties</p> <table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>Shares</td><td>An array containing permissions. Each permission is an ACL, which includes:<ul style="list-style-type: none">party - The ID of the party (either user or group) that this ACL relates totype - type of party (group or user)permission - level of permission (read , write, admin...). Only read is currently supported.</td></tr><tr><td>allMembers</td><td>Refers to either all members (true), no members (false) or specified members of the members property.</td></tr><tr><td>members</td><td>If 'allMembers' is present (either true or false) this members array is ignored; otherwise- contains the members that this data security record is about.</td></tr></tbody></table>	Property	Description	Shares	An array containing permissions. Each permission is an ACL, which includes: <ul style="list-style-type: none">party - The ID of the party (either user or group) that this ACL relates totype - type of party (group or user)permission - level of permission (read , write, admin...). Only read is currently supported.	allMembers	Refers to either all members (true), no members (false) or specified members of the members property.	members	If 'allMembers' is present (either true or false) this members array is ignored; otherwise- contains the members that this data security record is about.
Property	Description										
Shares	An array containing permissions. Each permission is an ACL, which includes: <ul style="list-style-type: none">party - The ID of the party (either user or group) that this ACL relates totype - type of party (group or user)permission - level of permission (read , write, admin...). Only read is currently supported.										
allMembers	Refers to either all members (true), no members (false) or specified members of the members property.										
members	If 'allMembers' is present (either true or false) this members array is ignored; otherwise- contains the members that this data security record is about.										

Error Status Codes

HTTP Status Code	Reason
404	dataContext not found
403	forbidden

POST

/elasticubes
/datasecurity

Parameters

Parameter	Value	Description	Data Type														
List [elasticubeNewDataSecurityItem]	<i>mandatory</i>	The data security object that needs to be updated.	<pre>[{ "allMembers": true, "column": "string", "datatype": "string", "elasticube": "string", "exclusionary": true, "members": ["string"], "server": "string", "shares": [{ "party": "string", "type": "string" }], "table": "string" }]</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>server</td> <td>The ElastiCube server address.</td> </tr> <tr> <td>elasticube</td> <td>The name of the ElastiCube</td> </tr> <tr> <td>table</td> <td>The name of the table in the ElastiCube.</td> </tr> <tr> <td>column</td> <td>The name of the column in the table.</td> </tr> <tr> <td>datatype</td> <td>The type if data, for example, 'string'.</td> </tr> <tr> <td>shares</td> <td>An array containing permissions. Each permission is an ACL, which includes: party - The ID of the party (either user or group) that this ACL refers to. type - type of party (group or user) allMembers - true indicates "everything". false indicates "nothing" members - If 'allMembers' is present (either true or false) this members array is ignored, otherwise contains the members that this data security record is about.</td> </tr> </tbody> </table>	Property	Description	server	The ElastiCube server address.	elasticube	The name of the ElastiCube	table	The name of the table in the ElastiCube.	column	The name of the column in the table.	datatype	The type if data, for example, 'string'.	shares	An array containing permissions. Each permission is an ACL, which includes: party - The ID of the party (either user or group) that this ACL refers to. type - type of party (group or user) allMembers - true indicates "everything". false indicates "nothing" members - If 'allMembers' is present (either true or false) this members array is ignored, otherwise contains the members that this data security record is about.
Property	Description																
server	The ElastiCube server address.																
elasticube	The name of the ElastiCube																
table	The name of the table in the ElastiCube.																
column	The name of the column in the table.																
datatype	The type if data, for example, 'string'.																
shares	An array containing permissions. Each permission is an ACL, which includes: party - The ID of the party (either user or group) that this ACL refers to. type - type of party (group or user) allMembers - true indicates "everything". false indicates "nothing" members - If 'allMembers' is present (either true or false) this members array is ignored, otherwise contains the members that this data security record is about.																

Error Status Codes

HTTP Status Code	Reason
404	dataContext not found
403	forbidden

POST

/elasticubes/
{server}/
{elasticube}
/attachDetach

Parameters

Parameter	Value	Description	Data Type								
server	<i>mandatory</i>	The server address of the ElastiCube.	string								
elasticube	<i>mandatory</i>	The name of the ElastiCube.	string								
body			<div><p>Model Schema</p><pre>{ "dataDirectory": "string", "deleteOnDetach": true, "sync": true }</pre></div> <p>Properties</p> <table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>dataDirectory</td><td>The directory where the ElastiCube is located. You can view the path of this directory in the Server Console.</td></tr><tr><td>deleteOnDetach</td><td>Boolean value that determines if the ElastiCube should be deleted after being detached. The default value is true.</td></tr><tr><td>sync</td><td>Boolean value that determines whether to execute this synchronously or asynchronously. The default value is true, synchronously.</td></tr></tbody></table>	Property	Description	dataDirectory	The directory where the ElastiCube is located. You can view the path of this directory in the Server Console.	deleteOnDetach	Boolean value that determines if the ElastiCube should be deleted after being detached. The default value is true.	sync	Boolean value that determines whether to execute this synchronously or asynchronously. The default value is true, synchronously.
Property	Description										
dataDirectory	The directory where the ElastiCube is located. You can view the path of this directory in the Server Console.										
deleteOnDetach	Boolean value that determines if the ElastiCube should be deleted after being detached. The default value is true.										
sync	Boolean value that determines whether to execute this synchronously or asynchronously. The default value is true, synchronously.										

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid cube ID
403	forbidden

POST

/elasticubes/
{server}/
{elasticube}
/permissions

Parameters

Parameter	Value	Description	Data Type								
server	<i>mandatory</i>	The server address of the ElastiCube.	string								
elasticube	<i>mandatory</i>	The name of the ElastiCube.	string								
shares		The 'shares' is an array containing the different permissions. Each permission is an ACL (access control level).	<div data-bbox="1153 315 1477 640">Model Schema<pre>[{ "permission": "string", "party": "string", "type": "string" }]</pre></div> <div data-bbox="1153 651 1477 924">Properties<table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>permission</td><td></td></tr><tr><td>party</td><td>The ID of the party (either user or group) that this ACL relates to.</td></tr><tr><td>type</td><td>The type of party (group or user).</td></tr></tbody></table></div>	Property	Description	permission		party	The ID of the party (either user or group) that this ACL relates to.	type	The type of party (group or user).
Property	Description										
permission											
party	The ID of the party (either user or group) that this ACL relates to.										
type	The type of party (group or user).										

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid cube ID
403	forbidden

PUT

/elasticubes/
{server}/
{elasticube}
/permissions

Parameters

Parameter	Value	Description	Data Type								
server	<i>mandatory</i>	The server address of the ElastiCube.	string								
elasticube	<i>mandatory</i>	The name of the ElastiCube.	string								
shares		The 'shares' is an array containing the different permissions. Each permission is an ACL (access control level).	<div data-bbox="1153 315 1477 640">Model Schema<pre>[{ "permission": "string", "party": "string", "type": "string" }]</pre></div> <div data-bbox="1153 651 1477 924">Properties<table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>permission</td><td></td></tr><tr><td>party</td><td>The ID of the party (either user or group) that this ACL relates to.</td></tr><tr><td>type</td><td>The type of party (group or user).</td></tr></tbody></table></div>	Property	Description	permission		party	The ID of the party (either user or group) that this ACL relates to.	type	The type of party (group or user).
Property	Description										
permission											
party	The ID of the party (either user or group) that this ACL relates to.										
type	The type of party (group or user).										

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid cube ID
403	forbidden

PUT

/elasticubes
/server/{server}
/permissions

Defines which permissions will be used as the default permissions for ElastiCubes without specified permissions of their own.

Parameters

Parameter	Value	Description	Data Type								
server	<i>mandatory</i>	The server address of the ElastiCube.	string								
shares		The 'shares' is an array containing the different permissions. Each permission is an ACL (access control level).	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Model Schema</p> <pre>[{ "permission": "string", "party": "string", "type": "string" }]</pre> </div> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>permission</td> <td></td> </tr> <tr> <td>party</td> <td>The ID of the party (either user or group) that this ACL relates to.</td> </tr> <tr> <td>type</td> <td>The type of party (group or user).</td> </tr> </tbody> </table>	Property	Description	permission		party	The ID of the party (either user or group) that this ACL relates to.	type	The type of party (group or user).
Property	Description										
permission											
party	The ID of the party (either user or group) that this ACL relates to.										
type	The type of party (group or user).										

Error Status Codes

HTTP Status Code	Reason
400	invalid server
403	forbidden

DELETE

/elasticubes/
{server}/
{elasticube}
/datasecurity/
{table}/{column}

Parameters

Parameter	Value	Description	Data Type
server	<i>mandatory</i>	The server address of the ElastiCube.	string
elasticube	<i>mandatory</i>	The name of the ElastiCube.	string
table	<i>mandatory</i>	The name of the table in the ElastiCube.	string
column	<i>mandatory</i>	The name of the column in the table.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid datasource identifier
403	forbidden

DELETE

/elasticubes/
{server}/
{elasticube}
/permissions

Deletes all permissions for the ElastiCube, and reverts permissions to the server defaults.

Parameters

Parameter	Value	Description	Data Type
server	<i>mandatory</i>	The server address of the ElastiCube.	string
elasticube	<i>mandatory</i>	The name or ID of the ElastiCube.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid server
400	invalid cube ID
403	forbidden

Users

Metadata

GET

/users

Parameters

Parameter	Value	Description	Data Type
limit		Limits the result set to a defined Integer of results	int
skip		Defines how many items to skip before returning the results.	int
search		Enter a search query to return results matching the query.	string
orderby		Orders the results by field name. You can add multiple sort fields separated by a comma delimiter ','	string
desc		Defines the order of the results. True returns results in a descending order.	bool
onlyAD		Searches only Active Directory users.	bool
groupsnames		Includes the user's groups if the user belongs to one or more groups.	bool

Response

```
[
  {
    "_id": "ObjectId",
    "active": bool,
    "userName": "string",
    "roleId": "ObjectId",
    "email": "string",
    "firstName": "string",
    "lastName": "string",
    "active": "bool",
    "created": "dateTime",
    "lastUpdated": "dateTime",
    "preferences": {}
    "lastLogin": "dateTime",
    "userName": "string",
    "roleName": "string",
    "baseRoleName": "string"
  }
]
```

Error Status Codes

HTTP Status Code	Reason
400	invalid search
400	invalid skip
403	forbidden

GET

/users/ad

Note: This function does not search for users in the Sisense repository.

Parameters

Parameter	Value	Description	Data Type
limit		Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	int
checkExist		Checks if the user exists in the database.	bool
search		Enter a search query to return results matching the query.	string

Response

```
[
  {
    "_id": "ObjectId",
    "userName": "string",
    "roleId": "ObjectId",
    "email": "string",
    "firstName": "string",
    "lastName": "string",
    "active": "bool",
    "created": "dateTime",
    "lastUpdated": "dateTime",
    "lastLogin": "dateTime"
  }
]
```

Properties

Properties	Description
_id	The user's unique ID.
userName	The user's username.
roleId	Internal reference
email	The user's email address.
firstName	The user's first name.
lastName	The user's last name.
active	States whether the user is activated.
created	The date on which the user was created in Sisense.
lastUpdated	The user's last update.
lastLogin	The last time the user logged in.

Error Status Codes

HTTP Status Code	Reason
400	invalid search
400	invalid skip
403	forbidden

GET

/users
/allDirectories

This function searches the Sisense repository, and if the user is not found, searches for the user in Active Directory.

Parameters

Parameter	Value	Description	Data Type
limit		Limits the result set to a defined Integer of results Enter 0 (zero) or leave blank not to limit.	int
search		Enter a search query to return results matching the query.	string

Response

```
[
  {
    "_id": "ObjectId",
    "userName": "string",
    "roleId": "ObjectId",
    "email": "string",
    "firstName": "string",
    "lastName": "string",
    "active": "bool",
    "created": "dateTime",
    "lastUpdated": "dateTime",
    "lastLogin": "dateTime"
  }
]
```

Properties

Properties	Description
_id	The user's unique ID.
userName	The user's username.
roleId	Internal reference
email	The user's email address.
firstName	The user's first name.
lastName	The user's last name.
active	States whether the user is activated.
created	The date on which the user was created.
lastUpdated	The user's last update.
lastLogin	The last time the user logged in.

Error Status Codes

HTTP Status Code	Reason
400	invalid search
400	invalid skip
403	forbidden

GET

/users/count

Returns the Integer of users with the query result in their usernames.

Parameters

Parameter	Value	Description	Data Type
search		Searches for users with usernames that include the query string.	string

Response

```
{  
  "collection": "string",  
  "count": int  
}
```

Properties

Property	Description
collection	Internal reference
count	The Integer of users.

Error Status Codes

HTTP Status Code	Reason
400	invalid search
400	invalid limit
403	forbidden

GET

/users/{user}

Parameters

Parameter	Value	Description	Data Type
user	<i>Mandatory</i>	The user's ID or username	string

Response

```
{
  "_id": "ObjectId",
  "userName": "string",
  "roleId": "ObjectId",
  "email": "string",
  "firstName": "string",
  "lastName": "string",
  "active": "bool",
  "created": "dateTime",
  "lastUpdated": "dateTime",
  "lastLogin": "dateTime"
}
```

Properties

Properties	Description
_id	The user's unique ID.
userName	The user's username.
roleId	Internal reference
email	The user's email address.
firstName	The user's first name.
lastName	The user's last name.
active	States whether the user is activated.
created	The date on which the user was created.
lastUpdated	The user's last update.
lastLogin	The last time the user logged in.
preferences	The user's locale preferences.

Error Status Codes

HTTP Status Code	Reason
400	invalid ID
400	ID not found
403	forbidden

GET

/users/loggedin

Response

```
{
  "_id": "ObjectId",
  "active": "bool",
  "created": "dateTime",
  "userName": "string",
  "firstName": "string",
  "lastLogin": "dateTime",
  "lastName": "string",
  "lastUpdated": "dateTime",
  "roleId": "ObjectId",
  "preferences": {},
  "email": "string",
  "userAuth": {}
}
```

Properties

Properties	Description
_id	The user's unique ID.
active	States whether the user is activated.
created	The date on which the user was created.
email	The user's email address.
firstName	The user's first name.
lastLogin	The last time the user logged in.
lastName	The user's last name.
lastUpdated	The user's last update.
userName	The user's username.
roleId	Internal reference
preferences	Indicates locale preferences.
userAuth	A list of permissions for the user.

Error Status Codes

HTTP Status Code	Reason
403	forbidden

Actions

POST

/users/simulate

Note: This operation does not add users.

Parameters

Parameter	Value	Description	Data Type														
List[email /usernames]	<i>Mandatory</i>	The list of user emails to add, or usernames for Active Directory mode.	<pre>[{ "userName": "string", "roleId": "ObjectId", "email": "string", "firstName": "string", "lastName": "string", "preferences": { "localeId": "string" } }]</pre> <p>Properties</p> <table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>userName</td><td>The user's username.</td></tr><tr><td>roleId</td><td>The user role (admin, designer or viewer)</td></tr><tr><td>email</td><td>The user's email address.</td></tr><tr><td>firstName</td><td>The user's first name.</td></tr><tr><td>lastName</td><td>The user's last name.</td></tr><tr><td>preferences</td><td>The user's preferred locale.</td></tr></tbody></table>	Property	Description	userName	The user's username.	roleId	The user role (admin, designer or viewer)	email	The user's email address.	firstName	The user's first name.	lastName	The user's last name.	preferences	The user's preferred locale.
Property	Description																
userName	The user's username.																
roleId	The user role (admin, designer or viewer)																
email	The user's email address.																
firstName	The user's first name.																
lastName	The user's last name.																
preferences	The user's preferred locale.																
admode		Enter True to simulate adding users from Active Directory.	bool														

Error Status Codes

HTTP Status Code	Reason
400	invalid input
403	forbidden

POST

/users

Parameters

Parameter	Value	Description	Data Type														
List[user]	<i>Mandatory</i>	The user object includes all the user information.	Model Schema Model Schema <pre>[{ "userName": "string", "roleId": "ObjectId", "email": "string", "firstName": "string", "lastName": "string", "preferences": { "localeId": "string" } }]</pre> Properties <table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>userName</td><td>The user's username.</td></tr><tr><td>roleId</td><td>The user role (admin, designer or viewer).</td></tr><tr><td>email</td><td>The user's email address.</td></tr><tr><td>firstName</td><td>The user's first name.</td></tr><tr><td>lastName</td><td>The user's last name.</td></tr><tr><td>preferences</td><td>The user's preferred locale.</td></tr></tbody></table>	Property	Description	userName	The user's username.	roleId	The user role (admin, designer or viewer).	email	The user's email address.	firstName	The user's first name.	lastName	The user's last name.	preferences	The user's preferred locale.
Property	Description																
userName	The user's username.																
roleId	The user role (admin, designer or viewer).																
email	The user's email address.																
firstName	The user's first name.																
lastName	The user's last name.																
preferences	The user's preferred locale.																
notify		Send notifications to the user.	boolean														

Error Status Codes

HTTP Status Code	Reason
400	invalid input
403	forbidden

POST

/users/ad

Parameters

Parameter	Value	Description	Data Type														
user	<i>Mandatory</i>	The user object that needs to be added to the directory.	<p>Model Schema</p> <pre>{ "userName": "string", "roleId": "ObjectId", "email": "string", "firstName": "string", "lastName": "string", "preferences": { "localeId": "string" } }</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>userName</td> <td>The user's username.</td> </tr> <tr> <td>roleId</td> <td>The user role (admin, designer or viewer).</td> </tr> <tr> <td>email</td> <td>The user's email address.</td> </tr> <tr> <td>firstName</td> <td>The user's first name.</td> </tr> <tr> <td>lastName</td> <td>The user's last name.</td> </tr> <tr> <td>preferences</td> <td>The user's preferred locale.</td> </tr> </tbody> </table>	Property	Description	userName	The user's username.	roleId	The user role (admin, designer or viewer).	email	The user's email address.	firstName	The user's first name.	lastName	The user's last name.	preferences	The user's preferred locale.
Property	Description																
userName	The user's username.																
roleId	The user role (admin, designer or viewer).																
email	The user's email address.																
firstName	The user's first name.																
lastName	The user's last name.																
preferences	The user's preferred locale.																

Error Status Codes

HTTP Status Code	Reason
400	invalid input
403	forbidden

POST

/users
/forgetpassword

Parameters

Parameter	Value	Description	Data Type				
userEmail	<i>Mandatory</i>	The email of the user that requires a password reset.	<p>Model Schema</p> <pre>{ "email": "string" }</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>email</td> <td>The user's email.</td> </tr> </tbody> </table>	Property	Description	email	The user's email.
Property	Description						
email	The user's email.						

Error Status Codes

HTTP Status Code	Reason
403	forbidden

POST

/users/delete

Parameters

Parameter	Value	Description	Data Type
list[string]	<i>Mandatory</i>	The user object that needs to be updated.	list[string]

Error Status Codes

HTTP Status Code	Reason
400	invalid ID
404	ID not found
403	forbidden

POST

/users/validate

Parameters

Parameter	Value	Description	Data Type
list[string]	<i>Mandatory</i>	List of emails of users that require validation.	list[string]

Error Status Codes

HTTP Status Code	Reason
400	invalid input
403	forbidden

PUT

/users/{user}

Parameters

Parameter	Value	Description	Data Type
user	Mandatory	The user's ID or username.	string
userUpdate	Mandatory	The user object that needs to be updated.	

Model Schema

```
{
  "userName": "string",
  "roleId": "ObjectId",
  "email": "string",
  "firstName": "string",
  "lastName": "string",
  "preferences": {
    "localeId": "string"
  }
}
```

Properties

Property	Description
userName	The user's username.
roleId	The user role (admin, designer or viewer).
email	The user's email address.
firstName	The user's first name.
lastName	The user's last name.
preferences	The user's preferred locale.

Error Status Codes

HTTP Status Code	Reason
400	invalid ID
404	ID not found
403	forbidden

DELETE

/users/{user}

Parameters

Parameter	Value	Description	Data Type
user	<i>Mandatory</i>	The user's ID or username.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid ID
404	ID not found
403	forbidden

Groups

Metadata

GET

/groups

Parameters

Parameter	Value	Description	Data Type
limit		Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	int
skip		Defines how many items to skip before returning the results.	int
search		Enter a search query to return results matching the query.	string
dn		Search for a group using an Active Directory dn as the search query. Use the semi-colon ; delimiter to search multiple groups.	string
orderBy		Orders the results by field name. You can add multiple sort fields separated by a comma delimiter ','	string
desc		Defines the order of the results. True returns results in a descending order.	boolean
onlyAD		Searches only Active Directory user groups.	boolean
noAD		Search only for non Active Directory groups.	boolean
exactMatch		Searches exact matches when searching by the Active Directory dn.	boolean
usersCount		Counts the Integer of users in each group.	boolean

Response

```
[
  {
    "_id": "ObjectId",
    "name": "string",
    "roleId": "ObjectId",
    "created": "dateTime",
    "lastUpdated": "dateTime"
  }
]
```

Properties

Properties	Description
roleId	Relevant only for Active Directory groups.
_id	The user group's unique ID.
name	The user group's name.
ad	States whether the group is an Active Directory group.
created	The date and time when the group was created.
lastUpdated	The date and time when the group was last updated.

Error Status Codes

HTTP Status Code	Reason
400	Invalid source
400	invalid skip
403	forbidden

GET

/groups/ad

Note: This operation does not search for groups created directly in Sisense.

Parameters

Parameter	Value	Description	Data Type
limit		Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	int
checkExist		Check if a group exists in Active Directory, and if not, searches groups created in Sisense.	boolean
search		Enter a search query to return results matching the query.	

Response

```
[
  {
    "_id": "ObjectId",
    "name": "string",
    "roleId": "ObjectId",
    "created": "dateTime",
    "lastUpdated": "dateTime"
  }
]
```

Properties

Property	Description
name	The user group's name.
created	The date and time when the group was created.
lastUpdated	The date and time when the group was last updated.

Error Status Codes

HTTP Status Code	Reason
400	Invalid search
400	invalid skip
403	forbidden

GET

/groups
/allDirectories

This function searches groups created in Sisense, and if not found, searches in Active Directory groups.

Parameters

Parameter	Value	Description	Data Type
limit		Limits the result set to a defined Integer of results. Enter 0 (zero) or leave blank not to limit.	int
search		Enter a search query to return results matching the query.	string
usersCount		Returns the Integer of users per group.	boolean

Response

```
[  
  {  
    "_id": "ObjectId",  
    "name": "string",  
    "roleId": "ObjectId",  
    "created": "dateTime",  
    "lastUpdated": "dateTime"  
  }  
]
```

Properties

Property	Description
roleId	Relevant for Active Directory groups only.
name	The user group's name.
ad	States whether the group is Active Directory
created	The date and time when the group was created.
lastUpdated	The date and time when the group was last updated.
_id	The user group's unique ID.

Error Status Codes

HTTP Status Code	Reason
400	Invalid search
403	forbidden

GET

/groups/{group}

Metadata includes name, role ID, created date and time, and last update date and time.

Parameters

Parameter	Value	Description	Data Type
group	<i>Mandatory</i>	The ID or username of the group	string

Response

```
{
  "_id": "ObjectId",
  "name": "string",
  "roleId": "ObjectId",
  "created": "dateTime",
  "lastUpdated": "dateTime"
}
```

Properties

Property	Description
roleId	Relevant for Active Directory groups only.
name	The user group's name.
ad	States whether the group is Active Directory
created	The date and time when the group was created.
lastUpdated	The date and time when the group was last updated.
_id	The user group's unique ID.

Error Status Codes

HTTP Status Code	Reason
400	Invalid ID
404	ID not found
403	forbidden

GET

/groups/{group}/users

Metadata includes the user's username, role ID, email, first and last names, active state, created date, last login, and last update date.

Parameters

Parameter	Value	Description	Data Type
group	<i>Mandatory</i>	The group's ID or username.	string

Response

```
[
  {
    "_id": "ObjectId",
    "userName": "string",
    "roleId": "ObjectId",
    "email": "string",
    "firstName": "string",
    "lastName": "string",
    "active": "bool",
    "created": "dateTime",
    "lastUpdated": "dateTime",
    "lastLogin": "dateTime"
  }
]
```

Properties

Property	Description
_id	The user's unique ID.
active	States whether the user is activated.
created	The date and time when the user was created.
email	The user's email.
firstName	The user's first name.
lastLogin	The date and time of the user's last login.
lastName	The user's last name.
lastUpdated	The date and time when the user was last updated.
preferences	The user's defined locale.
roleId	The user role (admin, designer or viewer).
userName	The user's username.
roleName	the name of the user's role.

Error Status Codes

HTTP Status Code	Reason
400	Invalid ID
404	ID not found
403	forbidden

Actions

POST

/groups/byIds

Parameters

Parameter	Value	Description	Data Type
List[ObjectId]	<i>Mandatory</i>	List of user IDs	string
usersCount		Returns the Integer of users per group.	Boolean

Response

```
[
  {
    "_id": "ObjectId",
    "name": "string",
    "roleId": "ObjectId",
    "created": "dateTime",
    "lastUpdated": "dateTime"
  }
]
```

Properties

Property	Description
_id	The user's unique ID.
name	The group names.
roleId	The user role (admin, designer or viewer).
created	The date and time when the user was created.
lastUpdated	he date and time when the user was last updated.

Error Status Codes

HTTP Status Code	Reason
400	Invalid ID
404	ID not found
403	forbidden

POST

/groups

Parameters

Parameter	Value	Description	Data Type
List[group]	<i>Mandatory</i>	The group object that needs to be added.	Model Schema <pre>[{ "_id": "ObjectId", "name": "string", "roleId": "ObjectId", "created": "dateTime", "lastUpdated": "dateTime" }]</pre>

Response

```
{
  "_id": "ObjectId",
  "name": "string",
  "roleId": "ObjectId",
  "created": "dateTime",
  "lastUpdated": "dateTime"
}
```

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	forbidden

POST

/groups/ad

Note: If you add an objectSid key, then the data will not be imported again from Active Directory. It is recommended to use the Active Directory cn (common name) or name, but not both. The cn is preferred.

Parameters

Parameter	Value	Description	Data Type
List[ADgroup]	<i>Mandatory</i>	The group object that needs to be added to the collection.	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Model Schema</p> <pre>[{ "_id": "ObjectId", "objectSid": "array /buffer", "cn/name": "string", "dn": "string", "uSNChanged": "string", "mail": "string", "roleId": "ObjectId", "created": "dateTime", "lastUpdated": "dateTime" }]</pre> </div>

Response

```
[
  [
    {
      "name": "testgroupapi",
      "ad": false,
      "objectSid": "",
      "dn": "",
      "uSNChanged": "",
      "mail": "",
      "created": "2015-06-17T12:26:08.772Z",
      "lastUpdated": "2015-06-17T12:26:08.772Z",
      "_id": "55816760d68d4a302b000001"
    }
  ]
]
```

Properties

Property	Description
name	The name of the new group.
ad	The Active Directory.
objectSid	The Active Directory objectSid.
dn	The break down of your domain including all hosts.
created	The date and time the group was created.
lastUpdated	The date and time the group was last updated.

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	forbidden

POST

/groups/{group}
/users

Parameters

Parameter	Value	Description	Data Type
group	<i>Mandatory</i>	The group's ID or name.	string
List[ADgroup]	<i>Mandatory</i>	The IDs or usernames of the users that need to be added to the group.	List[string]

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	forbidden

POST

/groups
/validateName

Parameters

Parameter	Value	Description	Data Type				
group	<i>Mandatory</i>	The name of the group to validate	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Model Schema</p> <pre>{ "name": "string" }</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>name</td> <td>The name of the user group.</td> </tr> </tbody> </table> </div>	Property	Description	name	The name of the user group.
Property	Description						
name	The name of the user group.						

Error Status Codes

HTTP Status Code	Reason
400	Invalid ID
404	ID not found
403	forbidden

PUT

/groups/{group}

Parameters

Parameter	Value	Description	Data Type
group	<i>Mandatory</i>	The group's ID or name.	string

Error Status Codes

HTTP Status Code	Reason
400	Invalid ID
404	ID not found
403	forbidden

DELETE

/groups

Parameters

Parameter	Value	Description	Data Type						
deleteGroup	<i>Mandatory</i>	The IDs of the groups to delete.	<pre>{ "groups": [string], "deleteAdUsers": "boolean" }</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>groups</td> <td>The groups to delete.</td> </tr> <tr> <td>deleteAdUsers</td> <td>Enter <i>true</i> to delete the users of the group in addition to the group.</td> </tr> </tbody> </table>	Property	Description	groups	The groups to delete.	deleteAdUsers	Enter <i>true</i> to delete the users of the group in addition to the group.
Property	Description								
groups	The groups to delete.								
deleteAdUsers	Enter <i>true</i> to delete the users of the group in addition to the group.								

Error Status Codes

HTTP Status Code	Reason
400	Invalid ID
404	ID not found
403	forbidden

DELETE

/groups/{group}

Parameters

Parameter	Value	Description	Data Type
group	<i>Mandatory</i>	The group's ID or name.	string
deleteauthors		Select true if you want to delete the users of the Active Directory group.	boolean

Error Status Codes

HTTP Status Code	Reason
400	Invalid ID
404	ID not found
403	forbidden

DELETE

/groups/{group}/users

Parameters

Parameter	Value	Description	Data Type
group	<i>Mandatory</i>	The group's ID or name.	string
List[string]	<i>Mandatory</i>	The user IDs or usernames to remove from the group.	List[string]

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	forbidden

Authorization

GET	/auth/logout	<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>Invalid ID</td></tr><tr><td>403</td><td>forbidden</td></tr></tbody></table>	HTTP Status Code	Reason	400	Invalid ID	403	forbidden
HTTP Status Code	Reason							
400	Invalid ID							
403	forbidden							

GET	/auth/isauth	<h3>Response</h3> <pre>{ "isAuthenticated": bool }</pre> <h3>Properties</h3> <table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>isAuthenticated</td><td>Indicates whether the user is logged in or not.</td></tr></tbody></table>	Property	Description	isAuthenticated	Indicates whether the user is logged in or not.
Property	Description					
isAuthenticated	Indicates whether the user is logged in or not.					

Branding

Metadata

GET	/branding	<p>This endpoint lists all changes made to your branding metadata. If no changes have been made and the default Sisense branding is used, an empty response with Response Code 200 is returned.</p> <p>For more information about branding, see Rebranding Sisense.</p>
------------	-----------	---

Response

```
[
  {
    "logo": {
      "desktop": {
        "small": "string",
        "large": "string"
      },
      "tablet": {
        "small": "string",
        "large": "string"
      },
      "phone": {
        "small": "string",
        "large": "string"
      }
    },
    "favicon": "string",
    "pageTitle": "string",
    "loginTitle": "string",
    "loginSubtitle": "string",
    "activationTitle": "string",
    "activationSubtitle": "string",
    "contactUsText": "string",
    "copyrightText": "string",
    "homePage": "string",
    "homePageConfig": {
      "hideSearchInNavver": true,
      "marketingPart": "string",
      "tutorialsLink": "string",
      "documentationLink": "string"
    },
    "emails": {
      "senderEmail": "string",
      "senderName": "string",
      "templates_directory": "string",
      "passwordRecoverySubject": "string",
      "newUserInviteSubject": "string",
      "createdUserSubject": "string",
      "shareWithNewUserSubject": "string",
      "shareWithExistingUser": "string",
      "transferOwnership": "string"
    },
    "documentationUrl": "string",
    "forumUrl": "string"
  }
]
```

Properties

Property	Description
logo	The paths to different logos suited for different device types.
favicon	The path to an image to replace the default Sisense logo.
pageTitle	Text to replace the default 'Sisense' title.
loginTitle	Text to replace "WELCOME TO SISENSE".
loginSubtitle	Text to replace "Sign in & start exploring".
activationTitle	Text to replace "Welcome".
activationSubtitle	Text to replace "Welcome".
contactUsText	Text to replace the default Sisense contact details.
copyrightText	Text to replace Sisense's copyright text.
homePage	A URL that replaces the default " http://www.sisense.com ".
homePageConfig	<p>The Welcome banner of the homepage displayed when users log into Sisense.</p> <p>You can define the following properties in the homePageConfig object:</p> <p>hideSearchInNavver: Indicate if you want to display the Search bar below or hide it. By default, the Search bar is displayed.</p> <p>marketingPart: The URL of the Marketing Banner iFrame. This iFrame is displayed on the top half of the Analytics and Data pages where the Welcome message and Sample Dashboards and Elasticubes are displayed. You can replace this iFrame with your own content by defining the URL as the value of this key.</p> <p>tutorialsLink: Enter a URL that opens your site.</p> <p>documentationLink: Enter a URL that opens your documentation site.</p>
emails	<p>An array that includes all email branding.</p> <pre> "senderEmail": "sys-admin@company.com", "senderName": "sys-admin", "templates_directory" : "/resources/branding/emails", "passwordRecoverySubject" : "Sisense password recovery", "newUserInviteSubject" : "Sisense account activation", "createdUserSubject" : "Sisense new user created email", "shareWithNewUserSubject" : "A Dashboard has been shared with you:", "shareWithExistingUserSubject" : "A Dashboard has been shared with you:" "transferOwnership" : "The Subject line of the Transfer Ownership automated email that is sent to the new owner of a dashboard when ownership is transferred." </pre>
documentationUrl	A URL that redirects user's to your documentation set.
forumUrl	A URL that redirects user's to your forum.

Error Status Codes

HTTP Status Code	Reason
400	Invalid ID
404	ID not found
403	forbidden

Actions

POST	/branding	<p>This endpoint changes your branding metadata to reflect your company's branding. If no changes have been made and the default Sisense branding is used.</p> <p>For more information about branding, see Rebranding Sisense.</p> <h3>Parameters</h3>
------	-----------	--

Parameter	Value	Description	Data Type
branding	<i>Mandatory</i>	The branding object that needs to be added to the collection.	<p>Model Schema</p> <pre>[{ "logo": { "desktop": { "small": "string", "large": "string" }, "tablet": { "small": "string", "large": "string" }, "phone": { "small": "string", "large": "string" } }, "favicon": "string", "pageTitle": "string", "loginTitle": "string", "loginSubtitle": "string", "activationTitle": "string", "activationSubtitle": "string", "contactUsText": "string", "copyrightText": "string", "homePage": "string", "homePageConfig": { "hideSearchInNavver": true, "marketingPart": "string", "tutorialsLink": "string", "documentationLink": "string" }, "emails": { "senderEmail": "string", "senderName": "string", "templates_directory": "string", "passwordRecoverySubject": "string", "newUserInviteSubject": "string", "createdUserSubject": "string", "shareWithNewUserSubject": "string", "shareWithExistingUser": "string", "transferOwnership": "string" }, "documentationUrl": "string", "forumUrl": "string" }]</pre> <p>Properties</p>

Property	Description
logo	The paths to the logo images.
pageTitle	Text to replace the default 'Sisense' title.
loginTitle	Text to replace "WELCOME TO SISENSE".
loginSubtitle	Text to replace "Sign in & start exploring".
activationTitle	Text to replace "Welcome".
activationSubtitle	Text to replace "Welcome".
contactUsText	Text to replace the default Sisense contact details.
copyrightText	Text to replace Sisense's copyright text.
homePage	A URL that replaces the default " http://www.sisense.com ".
homePageConfig	<p>The Welcome banner of the homepage displayed when users log into Sisense.</p> <p>You can define the following properties in the homePageConfig object:</p> <p>hideSearchInNavver: Indicate if you want to display the Search bar below or hide it. By default, the Search bar is displayed.</p> <p>marketingPart: The URL of the Marketing Banner iFrame. This iFrame is displayed on the top half of the Analytics and Data pages where the Welcome message and Sample Dashboards and Elasticubes are displayed. You can replace this iFrame with your own content by defining the URL as the value of this key.</p> <p>tutorialsLink: Enter a URL that opens your site.</p> <p>documentationLink: Enter a URL that opens your documentation site.</p>
emails An array that includes all email branding.	<pre>"senderEmail": "sys-admin@company.com", "senderName": "sys-admin", "templates_directory" : "/resources/branding/emails", "passwordRecoverySubject" : "Sisense password recovery", "newUserInviteSubject" : "Sisense account activation", "createdUserSubject" : "Sisense new user created email", "shareWithNewUserSubject" : "A Dashboard has been shared with you:", "shareWithExistingUserSubject" : "A Dashboard has been shared with you:" "transferOwnership" : "The Subject line of the Transfer Ownership automated email that is sent to the new owner of a dashboard when ownership is transferred."</pre>
documentationUrl	A URL that redirects user's to your documentation set.
forumUrl	A URL that redirects user's to your forum.

Response

```
[
  {
    "logo": {
      "desktop": {
        "small": "string",
        "large": "string"
      },
      "tablet": {
        "small": "string",
        "large": "string"
      },
      "phone": {
        "small": "string",
        "large": "string"
      }
    },
    "favicon": "string",
    "pageTitle": "string",
    "loginTitle": "string",
    "loginSubtitle": "string",
    "activationTitle": "string",
    "activationSubtitle": "string",
    "contactUsText": "string",
    "copyrightText": "string",
    "homePage": "string",
    "homePageConfig": {
      "hideSearchInNavver": true,
      "marketingPart": "string",
      "tutorialsLink": "string",
      "documentationLink": "string"
    },
    "emails": {
      "senderEmail": "string",
      "senderName": "string",
      "templates_directory": "string",
      "passwordRecoverySubject": "string",
      "newUserInviteSubject": "string",
      "shareWithNewUserSubject": "string",
      "shareWithExistingUser": "string",
      "transferOwnership": "string"
    },
    "documentationUrl": "string",
    "forumUrl": "string"
  }
]
```

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
403	forbidden

DELETE

/branding

This endpoint deletes custom branding and returns to the default Sisense branding. When you delete custom branding, the Sisense Web Application is displayed in Sisense branding and Sisense automatic emails are sent.

Error Status Codes

HTTP Status Code	Reason
400	Invalid input
404	ID not found
403	forbidden

Settings

GET

/settings/api

Response

```
{
  "_id": "string",
  "apiKey": "string"
}
```

Properties

Property	Description
_id	Internal reference
apiKey	API Global token. For more information, see Authenticating Requests with a Global Token .

Error Status Codes

HTTP Status Code	Reason
404	name not found
403	fobidden

GET

/settings/system

Response

```
{
  "_id": "ObjectId",
  "alias": "string",
  "email": {
    "enabled": "bool",
    "senderEmail": "string",
    "senderName": "string"
  }
}
```

Properties

Property	Description
_id	Internal reference
alias	The alias (as in domain name).
webservice	Indicates whether SSL is enabled, and the cors origin preferences .
email	enabled - Indicates whether emails are enabled in the server. senderEmail - The administrator's email address. senderName - The administrator's name.

Error Status Codes

HTTP Status Code	Reason
404	name not found
403	fobidden

POST

/settings/system

Parameters

Parameter	Value	Description	Data Type								
systemConfig	<i>Mandatory</i>	system configuration	<p>Model Schema</p> <pre>{ "alias": "string", "email": { "enabled": "bool", "senderEmail": "string", "senderName": "string" }, "webServer": { "enableSSL": "bool", "cors": { "enabled": "bool", "allowedOrigins": ["string"] } } }</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>alias</td> <td>The server alias (as in the domain name).</td> </tr> <tr> <td>email</td> <td>enabled - Indicates whether emails are enabled in the server. senderEmail - The administrator's email address. senderName - The administrator's name.</td> </tr> <tr> <td>webSever</td> <td>Returns web server details. enableSSL - Boolean value that enables SSL connections. cors - Allows the client's browser to make requests to the Sisense server after requesting resources from your domain. enabled - Boolean value that enables CORS (Cross-origin Resource Sharing). allowOrigins - Domains where cross-origin resource sharing is permitted.</td> </tr> </tbody> </table>	Property	Description	alias	The server alias (as in the domain name).	email	enabled - Indicates whether emails are enabled in the server. senderEmail - The administrator's email address. senderName - The administrator's name.	webSever	Returns web server details. enableSSL - Boolean value that enables SSL connections. cors - Allows the client's browser to make requests to the Sisense server after requesting resources from your domain. enabled - Boolean value that enables CORS (Cross-origin Resource Sharing). allowOrigins - Domains where cross-origin resource sharing is permitted.
Property	Description										
alias	The server alias (as in the domain name).										
email	enabled - Indicates whether emails are enabled in the server. senderEmail - The administrator's email address. senderName - The administrator's name.										
webSever	Returns web server details. enableSSL - Boolean value that enables SSL connections. cors - Allows the client's browser to make requests to the Sisense server after requesting resources from your domain. enabled - Boolean value that enables CORS (Cross-origin Resource Sharing). allowOrigins - Domains where cross-origin resource sharing is permitted.										

Error Status Codes

HTTP Status Code	Reason
400	invalid input
403	forbidden

GET

/settings/proxy

This is to allow geo data (used in area and scatter map widgets) to be pulled in from external Sisense servers.

Parameters

Response

```
{
  "enabled": "bool",
  "ip": "string",
  "port": "int",
  "username": "string",
  "password": "string"
}
```

Properties

Property	Description
enabled	Indicates whether proxy settings are enabled.
ip	The IP address of the proxy.
port	The port Integer of the proxy.
username	The username of the proxy.
password	The password required for the proxy.

POST

/settings/proxy

This option can be used to allow geo data (used in area and scatter map widgets), to be pulled in from external Sisense servers when such data is blocked by your organization's proxy server.

Parameters

Parameter	Value	Description	Data Type												
proxyConfig	Mandatory	Add the following parameters: enabled - true or false ip - Sisense server address port - Sisense server port username and password - only if your proxy server requires	<div data-bbox="1096 1129 1242 1157" data-label="Section-Header"><h4>Model Schema</h4></div> <pre>{ "enabled": "bool", "ip": "string", "port": "int", "username": "string", "password": "string" }</pre> <div data-bbox="1096 1423 1169 1451" data-label="Section-Header"><h4>Properties</h4></div> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>enabled</td> <td>Indicates whether proxy settings are enabled.</td> </tr> <tr> <td>ip</td> <td>The IP address of the proxy.</td> </tr> <tr> <td>port</td> <td>The port Integer of the proxy.</td> </tr> <tr> <td>username</td> <td>The username of the proxy.</td> </tr> <tr> <td>password</td> <td>The password of the proxy.</td> </tr> </tbody> </table>	Property	Description	enabled	Indicates whether proxy settings are enabled.	ip	The IP address of the proxy.	port	The port Integer of the proxy.	username	The username of the proxy.	password	The password of the proxy.
Property	Description														
enabled	Indicates whether proxy settings are enabled.														
ip	The IP address of the proxy.														
port	The port Integer of the proxy.														
username	The username of the proxy.														
password	The password of the proxy.														

Error Status Codes

HTTP Status Code	Reason
403	forbidden
400	invalid proxy

PUT

/settings/proxy

This option can be used to allow geo data (used in area and scatter map widgets), to be pulled in from external Sisense servers when such data is blocked by your organization's proxy server.

Parameters

Parameter	Value	Description	Data Type												
proxyConfig	Mandatory	Update only the relevant settings: enabled - true or false ip - Sisense server address port - Sisense server port username and password - only if your proxy server requires	<p>Model Schema</p> <pre>{ "enabled": "bool", "ip": "string", "port": "int", "username": "string", "password": "string" }</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>enabled</td> <td>Indicates whether proxy settings are enabled.</td> </tr> <tr> <td>ip</td> <td>The IP address of the proxy.</td> </tr> <tr> <td>port</td> <td>The port Integer of the proxy.</td> </tr> <tr> <td>username</td> <td>The username of the proxy.</td> </tr> <tr> <td>password</td> <td>The password of the proxy.</td> </tr> </tbody> </table>	Property	Description	enabled	Indicates whether proxy settings are enabled.	ip	The IP address of the proxy.	port	The port Integer of the proxy.	username	The username of the proxy.	password	The password of the proxy.
Property	Description														
enabled	Indicates whether proxy settings are enabled.														
ip	The IP address of the proxy.														
port	The port Integer of the proxy.														
username	The username of the proxy.														
password	The password of the proxy.														

Error Status Codes

HTTP Status Code	Reason
403	forbidden
400	invalid proxy

DELETE

/settings/proxy

GET

/settings/security

Response

```
{
  "_id": "objectId",
  "name": "string",
  "allowAddServers": bool
}
```

Properties

Property	Description
name	The name of the security configuration settings.
allowAddServers	

Error Status Codes

HTTP Status Code	Reason
404	name not found
403	forbidden

POST

/settings/security

Parameters

Parameter	Value	Description	Data Type										
securityConfig	Mandatory	Security configuration	<p>Model Schema</p> <pre>{ "_id": "ObjectId", "secureCookie": true, "cookieExp": "int", "passwordRegex": "string" }</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>secureCookie</td> <td>A boolean that adds a "secureFlag" to cookies of users who connect to the Sisense Web Application. This flag instructs the browser that the cookie should only be returned to the Sisense Web Application over encrypted connections (HTTPS).</td> </tr> <tr> <td>cookieExp</td> <td>The cookie expiration in days for the user's login. The default value is 30 days. You can change this value by enter the number of days that must pass until Sisense logs a user out.</td> </tr> <tr> <td>passwordRegex</td> <td> <p>Regex expression that defines your password policy. If you do not want to define a password policy, remove this property from your call.</p> <p>Note: If you leave a "string" value for the "passwordRegex" property, users can't add new users or change password to existing users.</p> <p>See the examples below of common password configurations:</p> <p>Strong password with at least one lowercase letter, one uppercase letter, one numeral, and one special character whose length is between 6-10 characters.</p> <pre>(?=^.{6,10}\$)(?=.*d)(?=.*[a-z])(?=.*[A-Z])(?=.*[@#%& amp;*_()_+]{&quot;:;?/&gt;.& lt;.;})?(?!.*s).*s)\$</pre> <p>Weak password with at least 6 characters.</p> <pre>^{6,}\$</pre> <p>Sisense default password policy that requires at least 8 characters and one letter, one numeral, and one special character.</p> <pre>^(?=.*\d)(?=.*[a-zA-Z])(?=.*[~!@#%&* _\+={}\ \ ()<>\'" ,:;:\]).{8,255}\$</pre> </td> </tr> <tr> <td>passwordError</td> <td>Error message to be displayed when an error occurs.</td> </tr> </tbody> </table>	Property	Description	secureCookie	A boolean that adds a "secureFlag" to cookies of users who connect to the Sisense Web Application. This flag instructs the browser that the cookie should only be returned to the Sisense Web Application over encrypted connections (HTTPS).	cookieExp	The cookie expiration in days for the user's login. The default value is 30 days. You can change this value by enter the number of days that must pass until Sisense logs a user out.	passwordRegex	<p>Regex expression that defines your password policy. If you do not want to define a password policy, remove this property from your call.</p> <p>Note: If you leave a "string" value for the "passwordRegex" property, users can't add new users or change password to existing users.</p> <p>See the examples below of common password configurations:</p> <p>Strong password with at least one lowercase letter, one uppercase letter, one numeral, and one special character whose length is between 6-10 characters.</p> <pre>(?=^.{6,10}\$)(?=.*d)(?=.*[a-z])(?=.*[A-Z])(?=.*[@#%& amp;*_()_+]{&quot;:;?/&gt;.& lt;.;})?(?!.*s).*s)\$</pre> <p>Weak password with at least 6 characters.</p> <pre>^{6,}\$</pre> <p>Sisense default password policy that requires at least 8 characters and one letter, one numeral, and one special character.</p> <pre>^(?=.*\d)(?=.*[a-zA-Z])(?=.*[~!@#%&* _\+={}\ \ ()<>\'" ,:;:\]).{8,255}\$</pre>	passwordError	Error message to be displayed when an error occurs.
Property	Description												
secureCookie	A boolean that adds a "secureFlag" to cookies of users who connect to the Sisense Web Application. This flag instructs the browser that the cookie should only be returned to the Sisense Web Application over encrypted connections (HTTPS).												
cookieExp	The cookie expiration in days for the user's login. The default value is 30 days. You can change this value by enter the number of days that must pass until Sisense logs a user out.												
passwordRegex	<p>Regex expression that defines your password policy. If you do not want to define a password policy, remove this property from your call.</p> <p>Note: If you leave a "string" value for the "passwordRegex" property, users can't add new users or change password to existing users.</p> <p>See the examples below of common password configurations:</p> <p>Strong password with at least one lowercase letter, one uppercase letter, one numeral, and one special character whose length is between 6-10 characters.</p> <pre>(?=^.{6,10}\$)(?=.*d)(?=.*[a-z])(?=.*[A-Z])(?=.*[@#%& amp;*_()_+]{&quot;:;?/&gt;.& lt;.;})?(?!.*s).*s)\$</pre> <p>Weak password with at least 6 characters.</p> <pre>^{6,}\$</pre> <p>Sisense default password policy that requires at least 8 characters and one letter, one numeral, and one special character.</p> <pre>^(?=.*\d)(?=.*[a-zA-Z])(?=.*[~!@#%&* _\+={}\ \ ()<>\'" ,:;:\]).{8,255}\$</pre>												
passwordError	Error message to be displayed when an error occurs.												

Error Status Codes

HTTP Status Code	Reason
400	invalid input
403	forbidden

GET

/settings/api
/generate

Response

```
{
  "_id": "string",
  "apiKey": "string"
}
```

Properties

Property	Description
_id	Internal reference
apiKey	API Global token. For more information, see Authenticating Requests with a Global Token .

Error Status Codes

HTTP Status Code	Reason
404	name not found
403	fobidden

GET

/settings
/globalization

Response

```
{
  "_id": "objectId",
  "name": "string",
  "localization": {
    "default": "string",
    "autoDetectEnabled": bool
  }
}
```

Properties

Property	Description
_id	Internal reference
name	The name of the globalization settings.
localization	default - the locale, for example en-US autoDetectEnabled - If true, then the locale will inherit the user's set locale from the browser/operating system.

POST

/settings
/globalization

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

Parameters

Parameter	Value	Description	Data Type						
globalizationConfig	Mandatory	The globalization configuration to edit.	<p>Model Schema</p> <pre>{ "localization": { "default": "string", "autoDetectEnabled": "bool" } }</pre> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>default</td> <td>The default locale for all users.</td> </tr> <tr> <td>autoDetectEnabled</td> <td>If true, then the locale will inherit the user's set locale from the browser/operating system.</td> </tr> </tbody> </table>	Property	Description	default	The default locale for all users.	autoDetectEnabled	If true, then the locale will inherit the user's set locale from the browser/operating system.
Property	Description								
default	The default locale for all users.								
autoDetectEnabled	If true, then the locale will inherit the user's set locale from the browser/operating system.								

Error Status Codes

HTTP Status Code	Reason
403	forbidden

DELETE

/settings/api

Response

```
{
  "_id": "string",
  "apiKey": "string"
}
```

Properties

Property	Description
_id	Internal reference
apiKey	API Global token. For more information, see Authenticating Requests with a Global Token .

Error Status Codes

HTTP Status Code	Reason
404	name not found
403	forbidden

Reporting

POST

/reporting

Parameters

Parameter	Value	Description	Data Type								
sendReports	<i>Mandatory</i>	reporting object describing the report you want	Model Schema <pre>{ "assetId": "string", "assetType": "string", "recipients": [{ "type": "string", "recipient": "string" }] }</pre> Properties <table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>assetId</td><td>The dashboard ID.</td></tr><tr><td>assetType</td><td>Currently only 'Dashboard'.</td></tr><tr><td>recipients</td><td>The user ID or username or group ID or group name.</td></tr></tbody></table>	Property	Description	assetId	The dashboard ID.	assetType	Currently only 'Dashboard'.	recipients	The user ID or username or group ID or group name.
Property	Description										
assetId	The dashboard ID.										
assetType	Currently only 'Dashboard'.										
recipients	The user ID or username or group ID or group name.										

Error Status Codes

HTTP Status Code	Reason
400	invalid input
403	forbidden

Roles

GET

/roles

Parameters

Parameter	Value	Description	Data Type
includeManifest		Includes the role's manifest (list of permissions showing what's enabled/disabled).	boolean
includeBaseRolesName		Includes the role's base role name.	boolean
compiledRoles		Select <i>True</i> .	boolean
envelop		If True, the response will always be '200' with fail and success codes presented in an array.	boolean

Response

```
[
  {
    "name": "string",
    "parent": "roleIdOrName",
    "desc": "string",
    "manifest": "{}"
  }
]
```

Properties

Property	Description
name	The name of the role.
parent	The parent role.
desc	A description of the role.
manifest	The list of permissions and their status (enabled or disabled for role).
compiledRole	True returns the full list of role permissions. False returns the compiled base role name.

Error Status Codes

HTTP Status Code	Reason
403	forbidden

GET

/roles/
{idOrName}

Parameters

Parameter	Value	Description	Data Type
idOrName	<i>Mandatory</i>	The name or ID of the role.	string
compiledRole		True returns the full list of role permissions. False returns the compiled base role name.	boolean

Response

```
{
  "name": "string",
  "parent": "roleIdOrName",
  "desc": "string",
  "manifest": "{}"
}
```

Properties

Property	Description
name	The name of the role.
baseRoleName	The parent role.
manifest	The list of permissions and their status (enabled or disabled for role).

Error Status Codes

HTTP Status Code	Reason
400	invalid idOrName
404	idOrName not found
403	forbidden

POST

/roles

DELETE

/roles/
{idOrName}

Note: You cannot delete a base/parent role, and you cannot delete a role still assigned to a user.

Parameters

Parameter	Value	Description	Data Type
idOrName	Mandatory	The ID or name of the role that you want to delete.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid idOrName
404	idOrName not found
403	forbidden

PUT

/roles/
{idOrName}

Parameters

Parameter	Value	Description	Data Type										
idOrName	<i>Mandatory</i>	The ID or name of the role.	string										
role	<i>Mandatory</i>	The updated role object should include the path to the setting you want to change and the setting. Click here to see the correct paths for different settings in the manifest.	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Model Schema</p> <pre>{ "name": "string", "parent": "roleIdOrName", "desc": "string", "manifest": "{}" }</pre> </div> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>name</td> <td>The name of the role.</td> </tr> <tr> <td>parent</td> <td>The parent role.</td> </tr> <tr> <td>desc</td> <td>The sort order.</td> </tr> <tr> <td>manifest</td> <td>An array with the permissions of the role.</td> </tr> </tbody> </table>	Property	Description	name	The name of the role.	parent	The parent role.	desc	The sort order.	manifest	An array with the permissions of the role.
Property	Description												
name	The name of the role.												
parent	The parent role.												
desc	The sort order.												
manifest	An array with the permissions of the role.												

Error Status Codes

HTTP Status Code	Reason
400	invalid idOrName
404	idOrName not found
403	forbidden

GET

/roles/
{idOrName}
/manifest/{path}

Parameters

Parameter	Value	Description	Data Type
idOrName	<i>Mandatory</i>	The role ID or name.	string
path	<i>Mandatory</i>	The manifest path. Click here to see paths for the different settings. For example, <code>/dashboards/filters</code> returns all permissions under filters.	string
compiledRole		True returns full list of role permissions. False returns the compiled base role name.	boolean

Error Status Codes

HTTP Status Code	Reason
400	invalid ID or name
404	ID or name not found
403	forbidden

DELETE/roles/
{idOrName}
/manifest/{path}

You can restore a specific permission or all permissions depending on the path.

Parameters

Parameter	Value	Description	Data Type
idOrName	<i>Mandatory</i>	The role ID or name.	string
path	<i>Mandatory</i>	The path to the manifest. Enter the full path of the setting you want to change, as it appears in the hierarchy. For example, dashboard/filters/modify_type. See the reference table for more settings. Enter just a slash to restore all settings.	string

Error Status Codes

HTTP Status Code	Reason
400	invalid idOrName
404	idOrName not found
403	forbidden

PUT/roles/
{idOrName}
/manifest/{path}

Parameters

Parameter	Value	Description	Data Type
idOrName	<i>Mandatory</i>	The role ID or name.	string
path	<i>Mandatory</i>	The path to the manifest. Enter the path to the setting that you want to change as it appears in the hierarchy. Do not include the setting in the path. For example, To change the 'Create' setting for dashboard filters, enter <i>dashboard/filters/</i> . For creating dashboards, enter <i>/dashboards</i> . See the reference table above for more settings. For a complete list of settings and their relative path, click here .	string
manifest	<i>Mandatory</i>	Defines whether to enable or disable the setting. For example, to enable 'create', type in: <i>{create: true}</i> .	manifest

Error Status Codes

HTTP Status Code	Reason
400	invalid idOrName
404	idOrName not found
403	forbidden

POST

/roles/
{idOrName}
/manifest/{path}

Adds new manifest keys overriding the existing keys (permissions). If you update only some keys, the other keys are reset to their default settings.

Parameters

Parameter	Value	Description	Data Type
idOrName	<i>Mandatory</i>	The role ID or name.	string
path	<i>Mandatory</i>	The path to the manifest. Enter the path to the setting that you want to change as it appears in the hierarchy. Do not include the setting in the path. For example, to change the 'Create' setting for dashboard filters, enter <i>dashboard/filters/</i> . For creating dashboards, enter <i>/dashboards/</i> . See the reference table above for more settings.	string
manifest	<i>Mandatory</i>	The updated manifest object. Defines whether to enable or disable the setting. For example, to enable 'create', type in: <i>{create: true}</i>	manifest

Error Status Codes

HTTP Status Code	Reason
400	invalid idOrName
404	idOrName not found
403	forbidden

Palettes

Metadata

GET

/palettes

Response

```
[
  {
    "_id": "objectId",
    "colors": [],
    "name": "string",
    "isDefault": bool,
    "sortOrder": int,
    "isSystem": bool
  },
]
```

Properties

Property	Description
_id	The unique ID of the palette.
colors	A list of colors used in the palette.
name	The name of the palette.
isDefault	Indicates whether the palette is the default palette.
sortOrder	The position of the palette in the palettes menu.
isSystem	States whether the palette is one of the pre-installed Sisense palettes.

Error Status Codes

HTTP Status Code	Reason
403	forbidden

GET

/palettes/default

Response

```
{
  "_id": "objectId",
  "colors": [],
  "name": "string",
  "isDefault": bool,
  "sortOrder": int,
  "isSystem": bool,
  "systemDefault": bool
}
```

Properties

Property	Description
_id	The unique Id of the palette
colors	A list of colors used in the palette.
name	The name of the palette.
isDefault	Indicates whether the palette is the default palette.
sortOrder	The position of the palette in the palettes menu.
isSystem	States whether the palette is one of the pre-installed Sisense palettes.
systemDefault	Specifies whether this is the default palette if no other palette was specified as default.

Actions

POST

/palettes

The new palette will include colors, and its sort order in the palette drop-down list in the Sisense web app. You can also define whether the new palette will be the default palette.

Parameters

Parameter	Value	Description	Data Type												
palette	<i>Mandatory</i>	The new palette to add, and it's colors, sort order, and default option.	Model Schema <pre>{ "colors": ["string"], "min": "string", "max": "string", "name": "string", "isDefault": "bool", "sortOrder": "Integer"}</pre> Properties <table border="1"><thead><tr><th>Property</th><th>Description</th></tr></thead><tbody><tr><td>colors</td><td>An array that includes the colors (hexadecimal) in the palette. Example: <pre>"colors": ["#779fa8", "#bf1e1d", "#787070"],</pre></td></tr><tr><td>min</td><td>Defines the first color when a color range is used in the widget. The color value is a hexadecimal value.</td></tr><tr><td>max</td><td>Defines the last color when a color range is used in the widget. The color value is a hexadecimal value.</td></tr><tr><td>isDefault</td><td>Select <i>true</i> to make this the default palette.</td></tr><tr><td>sortOrder</td><td>The position of the palette in the palettes menu.</td></tr></tbody></table>	Property	Description	colors	An array that includes the colors (hexadecimal) in the palette. Example: <pre>"colors": ["#779fa8", "#bf1e1d", "#787070"],</pre>	min	Defines the first color when a color range is used in the widget. The color value is a hexadecimal value.	max	Defines the last color when a color range is used in the widget. The color value is a hexadecimal value.	isDefault	Select <i>true</i> to make this the default palette.	sortOrder	The position of the palette in the palettes menu.
Property	Description														
colors	An array that includes the colors (hexadecimal) in the palette. Example: <pre>"colors": ["#779fa8", "#bf1e1d", "#787070"],</pre>														
min	Defines the first color when a color range is used in the widget. The color value is a hexadecimal value.														
max	Defines the last color when a color range is used in the widget. The color value is a hexadecimal value.														
isDefault	Select <i>true</i> to make this the default palette.														
sortOrder	The position of the palette in the palettes menu.														

Error Status Codes

HTTP Status Code	Reason
403	forbidden

PUT

/palettes/{name}

Parameters

Parameter	Value	Description	Data Type												
name	<i>Mandatory</i>	Palette's name	string												
palette	<i>Mandatory</i>	The updated palette settings to add	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Model Schema</p> <pre>{ "colors": ["string"], "min": "string", "max": "string", "name": "string", "isDefault": "bool", "sortOrder": "Integer" }</pre> </div> <p>Properties</p> <table border="1"> <thead> <tr> <th>Property</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>colors</td> <td>The array that includes the colors (hexadecimal) in the palette. Example: "colors": ["#779fa8", "#bf1e1d", "#787070"],</td> </tr> <tr> <td>min</td> <td>Defines the first color when a color range is used in the widget. The color value is a hexadecimal value.</td> </tr> <tr> <td>max</td> <td>Defines the last color when a color range is used in the widget. The color value is a hexadecimal value.</td> </tr> <tr> <td>name</td> <td>The name of the palette</td> </tr> <tr> <td>sort Order</td> <td>The palette's placement in the drop-down list of palettes.</td> </tr> </tbody> </table>	Property	Description	colors	The array that includes the colors (hexadecimal) in the palette. Example: "colors": ["#779fa8", "#bf1e1d", "#787070"],	min	Defines the first color when a color range is used in the widget. The color value is a hexadecimal value.	max	Defines the last color when a color range is used in the widget. The color value is a hexadecimal value.	name	The name of the palette	sort Order	The palette's placement in the drop-down list of palettes.
Property	Description														
colors	The array that includes the colors (hexadecimal) in the palette. Example: "colors": ["#779fa8", "#bf1e1d", "#787070"],														
min	Defines the first color when a color range is used in the widget. The color value is a hexadecimal value.														
max	Defines the last color when a color range is used in the widget. The color value is a hexadecimal value.														
name	The name of the palette														
sort Order	The palette's placement in the drop-down list of palettes.														

Error Status Codes

HTTP Status Code	Reason
403	forbidden

DELETE

/palettes/{name}

Parameters

Parameter	Value	Description	Data Type
name	<i>Mandatory</i>	Palette's name	string

Error Status Codes

HTTP Status Code	Reason
403	forbidden