

Using Swagger API Documentation

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Accessing Cloudera Data Visualization API documentation

The Cloudera Data Visualization provides programmatic access to administer and configure the application. You can use this API to automate administrative tasks and integrate with external systems.

About this task

The Cloudera Data Visualization API documentation provides an interactive interface for exploring and testing API endpoints. This page is generated using Swagger and offers a structured view of the available API functions, including request methods, required parameters, response formats, and code snippets.

You can access the Cloudera Data Visualization API documentation through a web URL formatted as follows.

`http | https://[***HOSTNAME***]:[***PORT***]/arc/apps/apidemo-v2/#/`

Replace `[***HOSTNAME***]` with the server address and `[***PORT***]` with the appropriate port number (if required).

To access the API documentation, you must be logged in to the Cloudera Data Visualization application. If you are not already logged in, the URL will take you to the login page. While the API documentation page is accessible to all users, each request sent through Swagger follows internal authorization rules. Access to specific endpoints is determined by their individual permission logic.

Navigating Cloudera Data Visualization API documentation

The Swagger interface is organized into collapsible sections based on resource categories. You can expand the category to view the endpoints it contains.

The API endpoints you can see in the documentation are determined by environment variables in Cloudera Data Visualization.

Admin API endpoints

- groups
- users
- roles
- segments
- filterassociations
- workspaces
- datasets
- visuals
- connections

For instructions on how to enable Admin APIs, see [Enabling Admin API support](#).

Non-admin API endpoints

- /migration/api/import
- /migration/api/export
- /adminapi/edituserprofile/{username}
- /adminapi/gcmonitor

- /adminapi/gcstats
- /adminapi/loglevel
- /adminapi/loglevel/{logger_name}
- /adminapi/toggle_cprofile
- /datasets/dataset/cache_reset/{id}
- /datasets/dataconnection/cache_reset/{id}
- /jobs/api/run/
- /jobs/api/extracts/run
- /jobs/api/extracts/create

Non-admin API endpoints are always enabled and shown.

Data API endpoints

- /apps/dataapi
- /api/data

The Data API is disabled application-wide by default. As a result, these endpoints are also disabled in Swagger and will not be visible in the documentation.

For instructions on how to enable Data APIs, see [Enabling Data APIs](#).

API methods and details

Each section contains multiple API endpoints that support different HTTP methods:

- GET – Retrieve information.
- POST – Create new resources.
- DELETE – Remove resources.

Expanding an endpoint provides detailed information, including:

- Endpoint URL
- Request method
- Parameters
- Request body
- Responses
- Code snippets



Note: Due to Swagger UI limitations, code snippets are only available after clicking Execute, which sends an actual request and may modify data.

If authentication is configured, the interface also supports interactive API testing, allowing you to run requests directly from the documentation.