

Cloudera Flow Management 4.11.0

## Accessing NiFi Registry API Swagger UI

Date published: 2019-06-26

Date modified: 2025-10-08

The Cloudera logo is displayed in a bold, orange, sans-serif font. The word "CLOUDERA" is written in all caps, with a stylized 'E' that has a horizontal bar extending to the right.

<https://docs.cloudera.com/>

# Legal Notice

© Cloudera Inc. 2026. All rights reserved.

The documentation is and contains Cloudera proprietary information protected by copyright and other intellectual property rights. No license under copyright or any other intellectual property right is granted herein.

Unless otherwise noted, scripts and sample code are licensed under the Apache License, Version 2.0.

Copyright information for Cloudera software may be found within the documentation accompanying each component in a particular release.

Cloudera software includes software from various open source or other third party projects, and may be released under the Apache Software License 2.0 (“ASLv2”), the Affero General Public License version 3 (AGPLv3), or other license terms. Other software included may be released under the terms of alternative open source licenses. Please review the license and notice files accompanying the software for additional licensing information.

Please visit the Cloudera software product page for more information on Cloudera software. For more information on Cloudera support services, please visit either the Support or Sales page. Feel free to contact us directly to discuss your specific needs.

Cloudera reserves the right to change any products at any time, and without notice. Cloudera assumes no responsibility nor liability arising from the use of products, except as expressly agreed to in writing by Cloudera.

Cloudera, Cloudera Altus, HUE, Impala, Cloudera Impala, and other Cloudera marks are registered or unregistered trademarks in the United States and other countries. All other trademarks are the property of their respective owners.

Disclaimer: EXCEPT AS EXPRESSLY PROVIDED IN A WRITTEN AGREEMENT WITH CLOUDERA, CLOUDERA DOES NOT MAKE NOR GIVE ANY REPRESENTATION, WARRANTY, NOR COVENANT OF ANY KIND, WHETHER EXPRESS OR IMPLIED, IN CONNECTION WITH CLOUDERA TECHNOLOGY OR RELATED SUPPORT PROVIDED IN CONNECTION THEREWITH. CLOUDERA DOES NOT WARRANT THAT CLOUDERA PRODUCTS NOR SOFTWARE WILL OPERATE UNINTERRUPTED NOR THAT IT WILL BE FREE FROM DEFECTS NOR ERRORS, THAT IT WILL PROTECT YOUR DATA FROM LOSS, CORRUPTION NOR UNAVAILABILITY, NOR THAT IT WILL MEET ALL OF CUSTOMER’S BUSINESS REQUIREMENTS. WITHOUT LIMITING THE FOREGOING, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, CLOUDERA EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, QUALITY, NON-INFRINGEMENT, TITLE, AND FITNESS FOR A PARTICULAR PURPOSE AND ANY REPRESENTATION, WARRANTY, OR COVENANT BASED ON COURSE OF DEALING OR USAGE IN TRADE.

# Contents

<b>Authentication and permissions for NiFi Registry API Swagger UI.....</b>	<b>4</b>
<b>Accessing and using NiFi Registry API Swagger UI.....</b>	<b>5</b>

## Authentication and permissions for NiFi Registry API Swagger UI

Accessing the NiFi Registry API Swagger UI requires proper authentication and configured permissions. This section outlines the necessary steps to authenticate and configure permissions for accessing the Swagger UI.

### Authentication

When accessing the Swagger UI for the NiFi Registry API, use the same authentication mechanism as the one used for the NiFi Registry UI.

### Permissions and policies

Ensure that appropriate access permissions are configured in your NiFi Registry instance to enable access to the Swagger UI. Access to the Swagger UI is subject to specific NiFi Registry policies. For example, with Ranger, a policy associated with the resource identifier `/swagger` is required.

For example:

## Policy Details ✕

**Service Name :** nifi\_cluster\_nifiregistry

**Service Type :** nifi-registry

### Policy Details :

Policy Type	<b>Access</b>
Policy ID	<b>131</b>
Version	<b>3</b>
Policy Name	Swagger <span style="float: right;"><b>Normal</b> <b>Enabled</b></span>
Policy Labels	
NiFi Registry Resource Identifier	<b>/swagger</b>
Description	Policy to grant access to the self-hosted Swagger UI. Do not change the name of this policy.
Audit Logging	<b>Yes</b>

### Allow Condition :

Select Role	Select Group	Select User	Permissions	Delegate Admin
--	<b>_c_nifi_registry_admins_4018a52a</b>	--	<b>READ</b>	<input type="checkbox"/>
--	<b>_c_nifi_registry_admins_4018a52a</b>	--	<b>WRITE</b>	<input type="checkbox"/>
--	<b>_c_nifi_registry_admins_4018a52a</b>	--	<b>DELETE</b>	<input type="checkbox"/>

**Updated By :** nifiregistry

**Updated On :** 09/06/2023 02:31 PM

**Created By :** nifiregistry

**Created On :** 09/06/2023 02:30 PM

⏪ Version 3 ⏩ OK

## Accessing and using NiFi Registry API Swagger UI

NiFi Registry offers a user-friendly Swagger UI to interact with its APIs. This interface provides a convenient way to explore and test API endpoints, request parameters, and response formats.

### About this task

The Swagger UI is available at the following URL: [https://\[\\*\\*\\*HOSTNAME\\*\\*\\*\]:18433/nifi-registry-api/swagger/ui.html](https://[***HOSTNAME***]:18433/nifi-registry-api/swagger/ui.html)

Before making API calls using the Swagger UI, follow the below steps:

## Procedure

1. Go to the Swagger UI interface.
2. Set the scheme to HTTPS by selecting it from the Schemes dropdown list.
3. Ensure that you have the proper authorization by clicking Authorize to obtain the proper token required for API calls.

