

## Atlas Tags

Date published: 2023-12-16

Date modified: 2026-01-30



# 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

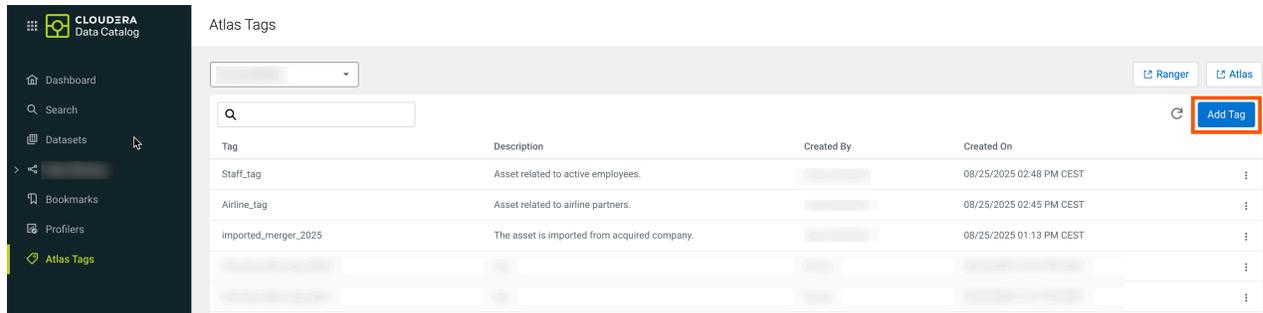
<b>Atlas tag management.....</b>	<b>4</b>
Tagging multiple assets.....	6
<b>Propagated asset tagging.....</b>	<b>7</b>

# Atlas tag management

From the Atlas Tags menu, you can create, modify, and delete any of the Apache Atlas classifications to help data discovery and applying governance policies such as security and access control in Apache Ranger.

## Creating Atlas tags

You can create a new Cloudera Data Catalog tag in the **Atlas Tags**, which are synced to Atlas. Click Add Tag to open the **Create a new tag** page.

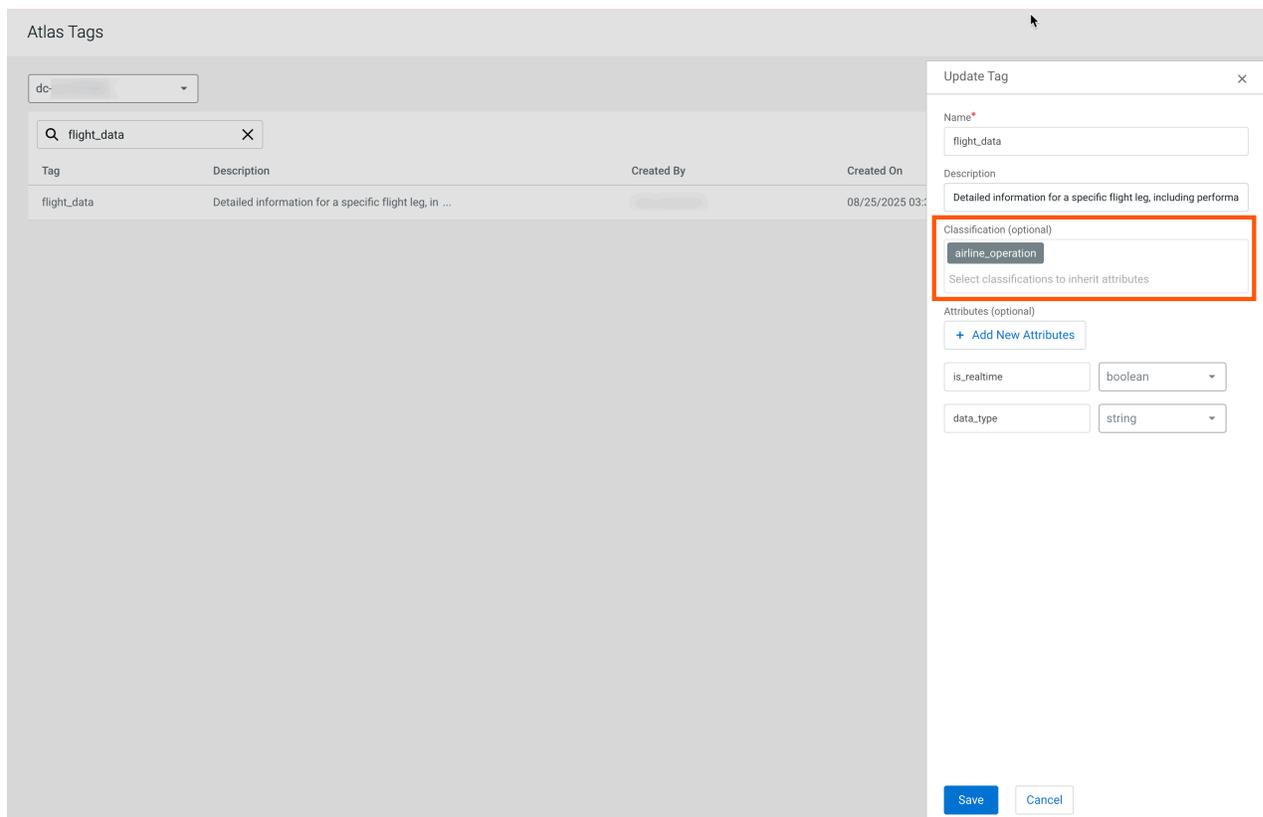


In **Create New Tag**, you can define the tag name, description and the "super-classification" from which the attributes are inherited for the sub-classification (or tag in Cloudera Data Catalog)

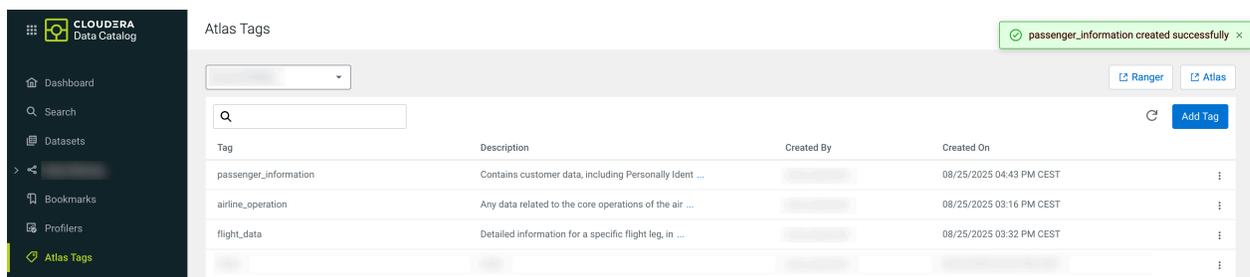


**Note:**

- Your classification still needs to be added to an asset in the **Search** or **Asset Details** menu.
- The inherited attributes are shown in Atlas. In Cloudera Data Catalog, you can only see the super-classification.

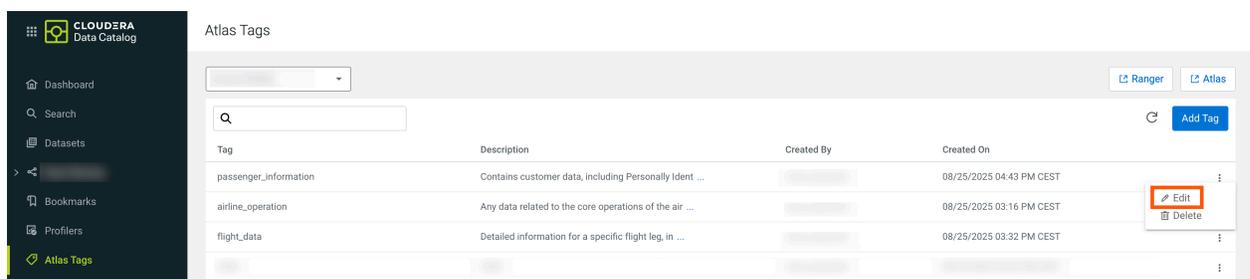


You can add or update Atlas tags. The created or updated tag is highlighted in the tag list as seen in the following diagram.



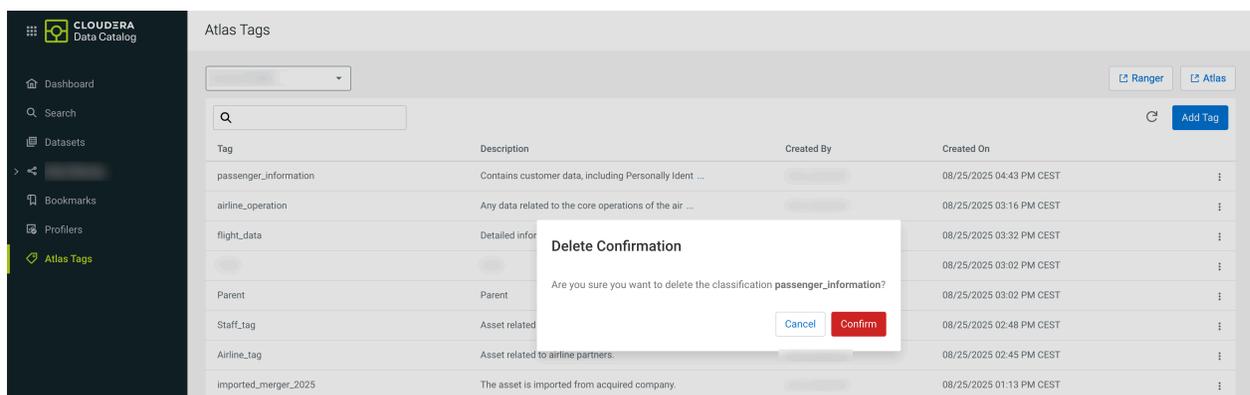
## Editing Atlas tags

You can also edit or delete the Atlas tag as shown in the image. When you are editing the tag, you can only change the description or add new attributes.



## Deleting Atlas tags

You can delete one Atlas tag at a time. A separate confirmation message appears for each deletion.



## Related Information

- [Apache Atlas metadata attributes](#)
- [Working with Atlas classifications and labels](#)
- [Creating classifications](#)
- [Tag-based Services and Policies](#)
- [Atlas classifications drive Ranger policies](#)
- [Creating a classification from Asset Details](#)
- [Creating a classification from Search page](#)

## Tagging multiple assets

On the Search page, you can add tags (Atlas classifications) to multiple assets based on the asset type that you select based on the search result.

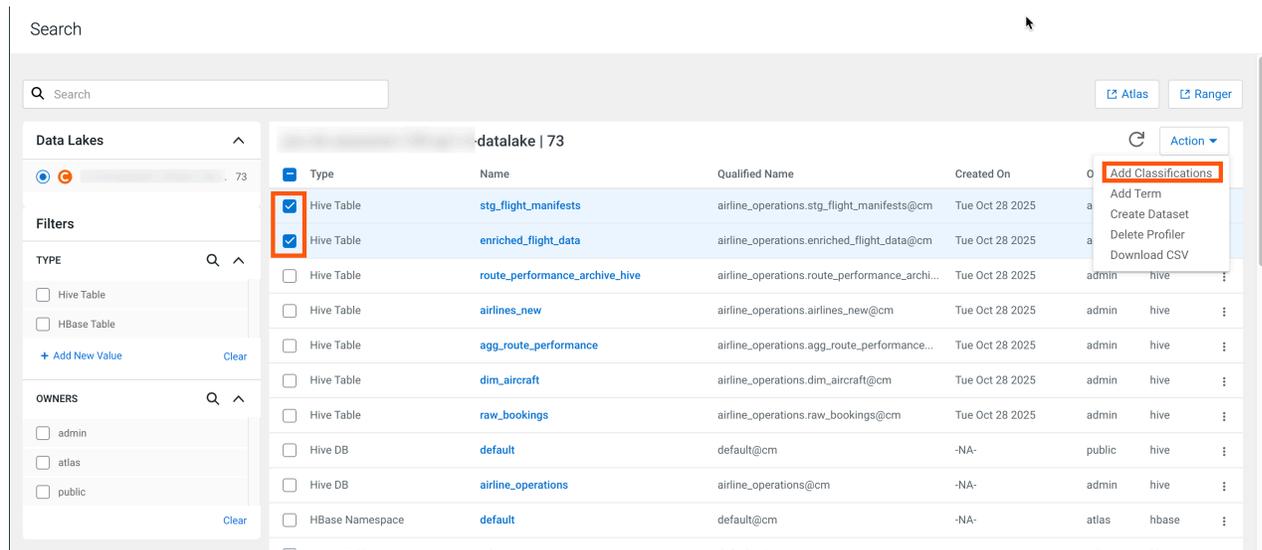


**Note:**

This feature is available only for Cloudera Data Catalog on premises 1.5.4 and its service packs, and 1.5.5 and its SP1 service pack.

When you select an asset, you can add one or more available tags to the selected asset. You can also create one or more new tags and associate the newly created tags to the selected assets. The number of tags including the ones applied and to be applied is displayed.

**Figure 1: Marking multiple assets to be tagged**



**Figure 2: Selecting tags to be applied to multiple tags**

The screenshot displays the Cloudera Data Catalog search interface. On the left, there are filters for Data Lakes, Type, Owners, Entity Tag, and Glossary Terms. The main search results list various Hive Tables and HBase Column Families. On the right, a 'Classifications | 3' panel shows a list of tags: Flight Operations, Raw, GDPR\_PNR, Data Sensitivity, and Data Lifecycle Stage. Below this, a detailed view of a classification 'f' is shown, including fields for 'kpi\_name: string' and 'update\_frequency: string', and a list of associated tags: Business Performance, Data Lifecycle Stage, Data Sensitivity, Master, and PII\_Combined. The Master tag includes fields for 'quality\_status: string' and 'entity\_type: string'.



**Note:** You will be able to search only for user-defined tags (Atlas classifications)

## Propagated asset tagging

Cloudera Data Catalog supports the concept of propagated tags. This feature is derived from Apache Atlas.

Whenever you add a new tag in Atlas, you can mark them as propagated and use those tags accordingly while tagging assets.

Asset Details

raw\_bookings

**Properties**

Type: HIVE TABLE  
# of Columns: 8  
Data Lake: datalake  
Databases: 0  
Owner: admin  
Created On: Wed Oct 15 2025 18:06:51 GMT+0200 (Centr...  
Last Access Time: Wed Oct 15 2025 18:06:51 GMT+0200...  
Table Type: EXTERNAL\_TABLE  
Database: airline\_operations  
DB Catalog: cm  
Parent: airline\_operations

Qualified Name: airline\_operations.raw\_bookings@cm

Comment: Primary ingestion table for raw flight booking data. Source for the stg\_flight\_manifests cleaning process.

Description: This table is the primary ingestion point for all new flight booking data. It holds records in their original, unaltered state before any cleaning or transformation.

**Classifications | 3**

Managed System Propagated

Flight Operat... Raw GDPR...

**Terms | 4**

Flight Manifest@Airline Operations Glo... + 3

Overview Schema Metadata Audits Policy Access Audits

Lineage

Filter By: Depth: 3 Process Node: Hide

```
graph LR; A[warehouse/tables...] --> B[raw_bookings]; B --> C[stg_flight_manifests]; B --> D[flight_summary_co...]; C --> E[enriched_flight_data]; E --> F[agg_route_performance]; E --> G[flight_summary_co...];
```

For example, consider table1 as a parent asset and table2 as a child asset. Create a tag and mark that tag as propagated, and later apply the same tag to table1. The tag gets applied to table2 as well. Propagated tag works on the basis of parent -> child tagging relationship.

Asset Details

stg\_flight\_manifests

**Properties**

Type: HIVE TABLE  
# of Columns: 7  
Data Lake: datalake  
Databases: 0  
Owner: admin  
Created On: Wed Oct 15 2025 18:07:08 GMT+0200 (Centr...  
Last Access Time: Wed Oct 15 2025 18:07:08 GMT+0200...  
Table Type: EXTERNAL\_TABLE  
Database: airline\_operations  
DB Catalog: cm  
Parent: airline\_operations

Qualified Name: airline\_operations.stg\_flight\_manifests@cm

Comment: Transient staging table for cleaned flight booking data. Contents are overwritten daily. Source for data enrichment.

Description: This is a transient staging table that holds the cleaned version of raw flight booking records from the raw\_bookings table. It is intended for internal pipeline processes only.

**Classifications | 2**

Managed System Propagated

Flight Operati... GDPR...

**Terms | 5**

Flight Manifest@Airline Operations Glo... IATA Code@Airline Operations Glo... + 3

Overview Schema Metadata Audits Policy Access Audits

Lineage

Filter By: Depth: 3 Process Node: Hide

```
graph LR; A[warehouse/tables...] --> B[raw_bookings]; B --> C[stg_flight_manifests]; C --> D[enriched_flight_data]; D --> E[agg_route_performance]; D --> F[flight_summary_co...]; D --> G[route_performance...];
```



**Note:** When you delete or remove the propagated tag from the parent asset, the same tag is removed from all the child assets.



**Attention:** The propagated tag concept is not supported with child -> parent relationships.

### Related Information

[Propagating classifications through lineage](#)