

Atlas Tags

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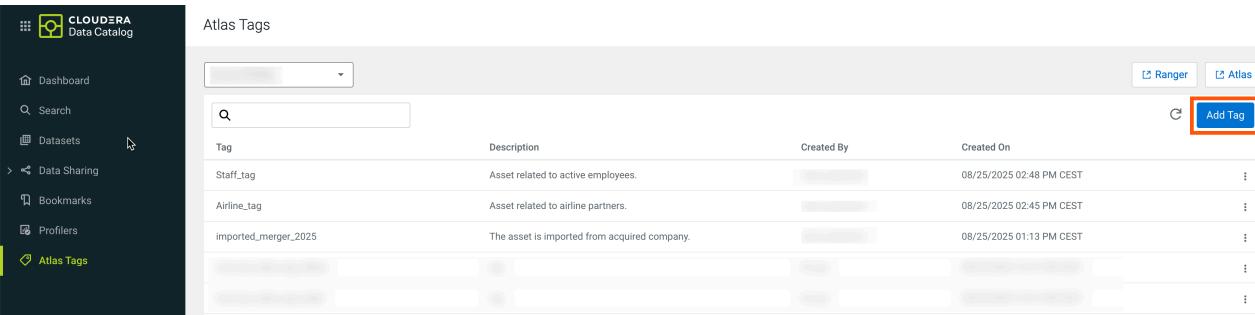
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Atlas tag management

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.



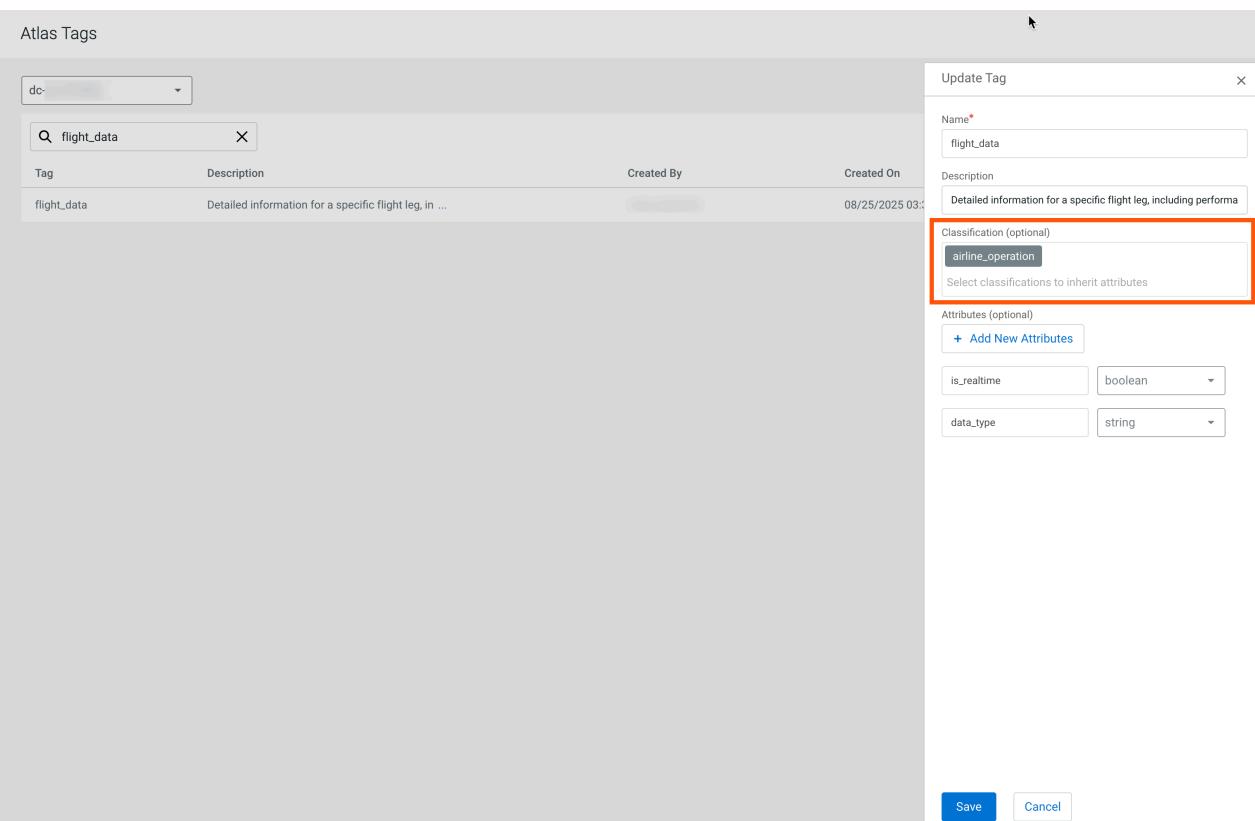
The screenshot shows the Cloudera Data Catalog interface with the 'Atlas Tags' page open. The left sidebar includes 'Dashboard', 'Search', 'Datasets', 'Data Sharing', 'Bookmarks', 'Profilers', and 'Atlas Tags'. The main area is titled 'Atlas Tags' and shows a table with three rows: 'Staff_tag' (Asset related to active employees, created 08/25/2025 02:48 PM CEST), 'Airline_tag' (Asset related to airline partners, created 08/25/2025 02:45 PM CEST), and 'imported_merger_2025' (The asset is imported from acquired company, created 08/25/2025 01:13 PM CEST). A red box highlights the 'Add Tag' button in the top right corner of the table header.

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)



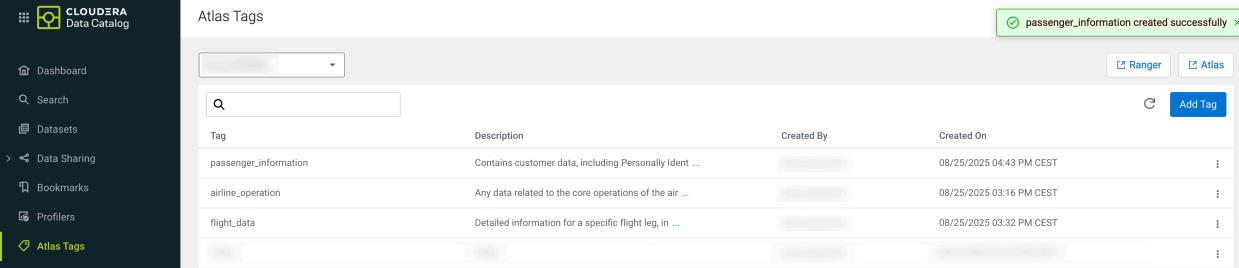
Note:

- 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.



The screenshot shows the Cloudera Data Catalog interface with the 'Atlas Tags' page open. The left sidebar includes 'Dashboard', 'Search', 'Datasets', 'Data Sharing', 'Bookmarks', 'Profilers', and 'Atlas Tags'. The main area is titled 'Atlas Tags' and shows a table with one row: 'flight_data' (Detailed information for a specific flight leg, in ...). To the right, a modal window titled 'Update Tag' is open. It contains fields for 'Name*' (flight_data), 'Description' (Detailed information for a specific flight leg, including performa...), 'Classification (optional)' (airline_operation), and 'Attributes (optional)' (is_realtime: boolean, data_type: string). A red box highlights the 'Classification (optional)' field. At the bottom of the modal are 'Save' and 'Cancel' buttons.

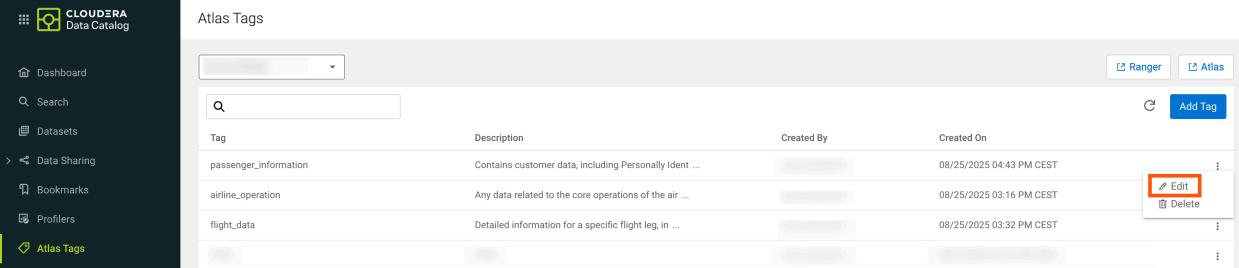
You can add or update Atlas tags. The created or updated tag is highlighted in the tag list as seen in the following diagram.



The screenshot shows the 'Atlas Tags' page in the Cloudera Data Catalog. A success message 'passenger_information created successfully' is displayed in a green box at the top right. The table lists three tags: 'passenger_information', 'airline_operation', and 'flight_data'. The 'passenger_information' row has a green background, indicating it is the newly created tag. The table includes columns for Tag, Description, Created By, and Created On.

Editing Atlas tags

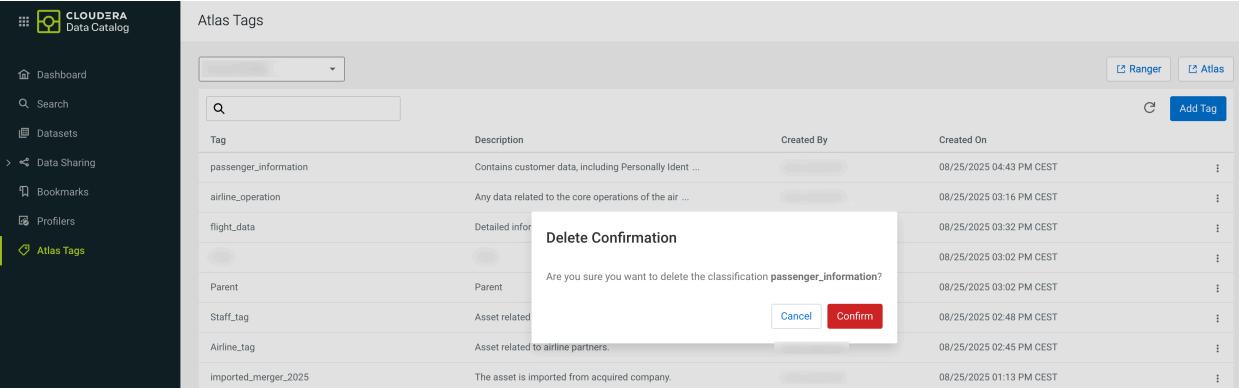
You can also edit or delete the Atlas tag as shown in the image. When you are editing the tag, you can only change the description or add new attributes.



The screenshot shows the 'Atlas Tags' page in the Cloudera Data Catalog. The 'Edit' option for the 'passenger_information' tag is highlighted with a red box. The table lists three tags: 'passenger_information', 'airline_operation', and 'flight_data'. The 'passenger_information' row has a green background, indicating it is the selected tag for editing. The table includes columns for Tag, Description, Created By, and Created On.

Deleting Atlas tags

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



The screenshot shows the 'Atlas Tags' page in the Cloudera Data Catalog. A 'Delete Confirmation' dialog box is displayed in the center. The dialog asks 'Are you sure you want to delete the classification passenger_information?'. It has 'Cancel' and 'Confirm' buttons. The table lists five tags: 'passenger_information', 'airline_operation', 'flight_data', 'Staff_tag', and 'Airline_tag'. The 'passenger_information' row has a green background, indicating it is the selected tag for deletion. The table includes columns for Tag, Description, Created By, and Created On.

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](#)

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.

Data Catalog / Asset Details

employee1

Properties

Type: HIVE TABLE
of Columns: 4
Data Lake:
Datasets: 0
Owner:
Created On: Mon Mar 15 2021 14:21:43 GMT+0530 (India Standard Time)
Last Access Time: Mon Mar 15 2021 14:21:43 GMT+0530 (India Standard Time)
Table Type: EXTERNAL_TABLE
Database: default
Database: default
DB Catalog:
Parent: default

Classifications | 4

test_tag1 **test_tag2** **dp_email** **dp**

Overview **Schema** **Metadata Audits** **Policy** **Access Audits**

Lineage

/warehouse/tables... → employee1 → employee2

Profilers | 2

Cluster Sensitivity Profiler
Last run: 21 mins ago | Status: SUCCESS
Next Schedule Run: Wednesday at 3:50 PM

Hive Column Profiler
Last run: - | Status: NA
Next Schedule Run: Today at 5:30 PM

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.

Data Catalog / Asset Details

Properties

Type: HIVE TABLE
of Columns: 4
Data Lake: [redacted]
Datasets: 0
Owner: [redacted]
Created On: Mon Mar 15 2021 15:01:11 GMT+0530 (India Standard Time)
Last Access Time: Mon Mar 15 2021 15:01:11 GMT+0530 (India Standard Time)
Table Type: MANAGED_TABLE
Database: default
DB Catalog: [redacted]
Parent: default

Classifications | 4

test_tag1, test_tag2, dp_email, dp [redacted]

Lineage

Lineage diagram showing relationships between assets:

```

graph LR
    A[/warehouse/tables.../] --> B[employee1]
    B --> C[employee2]
  
```

Profilers | 2

Cluster Sensitivity Profiler
Last run: - | Status: NA
Next Schedule Run: Today at 3:50 PM

Hive Column Profiler
Last run: - | Status: NA
Next Schedule Run: Today at 5:30 PM

Feedback



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](#)