

## Data Sharing

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# Creating external users

Register external users in Cloudera Data Catalog so that they can be granted access to Data Shares as Data Consumers.

## About this task

External users are users or applications that are not part of the Cloudera ecosystem but need to consume data from Cloudera through Data Shares. Before a user can be added to a Data Share, they must be registered in the Manage Users page. Registration generates a credentials file (Client ID and Secret) that the user needs to authenticate with their Iceberg REST Catalog compatible compute engine.

## Before you begin

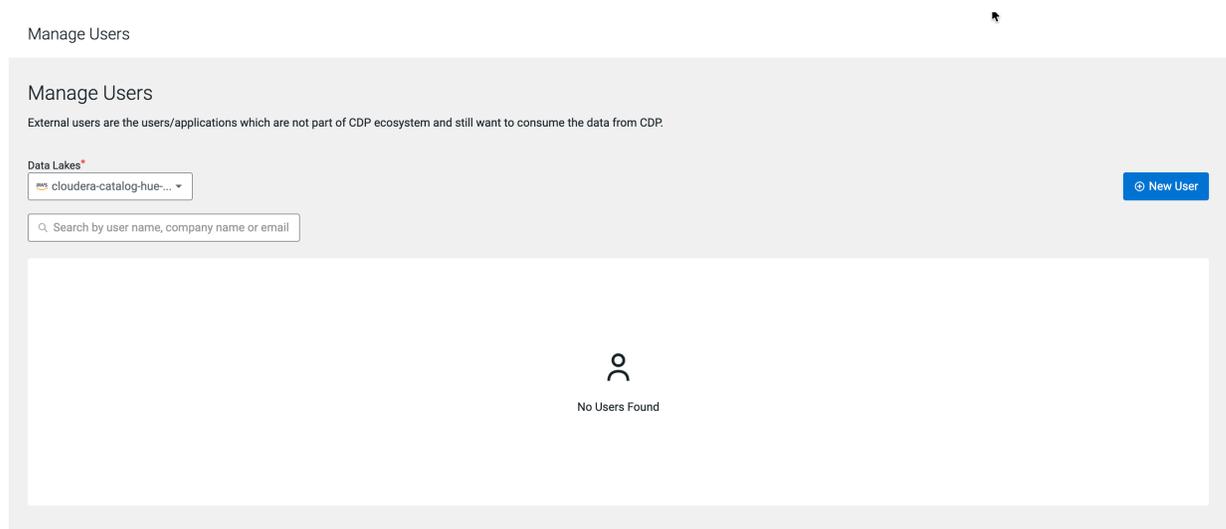
You must have the DataShareAdmin resource role for the relevant environment.

## Procedure

1. In Cloudera Data Catalog, navigate to Manage Users.
2. Select the target Data Lake from the dropdown at the top of the page.

The user list shows all existing external users for the selected Data Lake, including their Client ID, email address, company name, associated shares, and registration date.

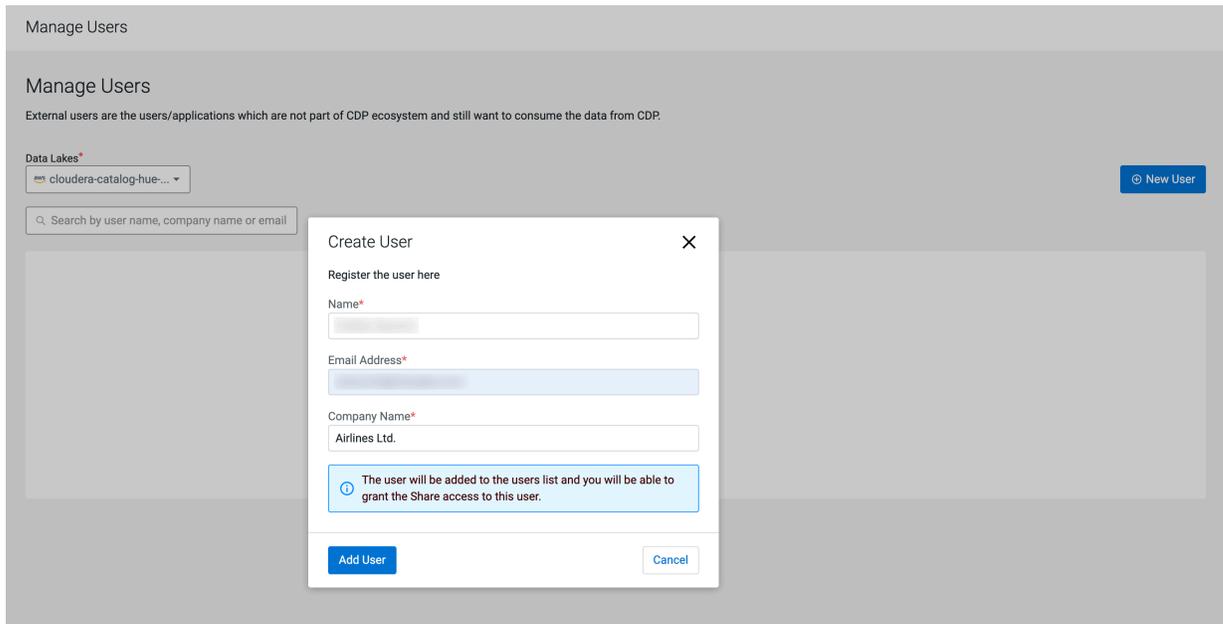
**Figure 1: Manage Users page**



3. Click New User in the top right corner.

The Create User dialog opens.

**Figure 2: Create User dialog**



4. Fill in the required fields: Name, Email Address, and Company Name.
5. Click Add User.



**Note:**

- You can also create external users with the `cdp datacatalog create-external-users` CDP CLI command.
- You can also register a new user during the Data Share creation.

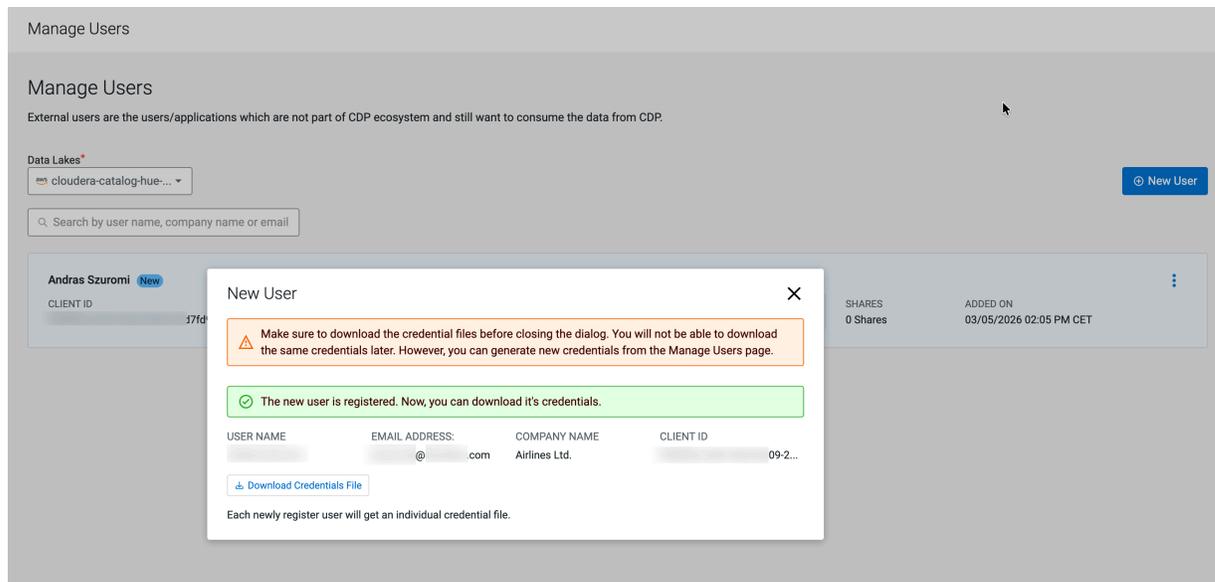
A success message confirms that the new user is registered and their credentials are ready to download.

6. Click Download Credentials File to save the credentials before closing the dialog.



**Important:** Download the credentials file before closing this dialog. The same credentials cannot be downloaded again. If needed, you can generate new credentials later from the Manage Users page.

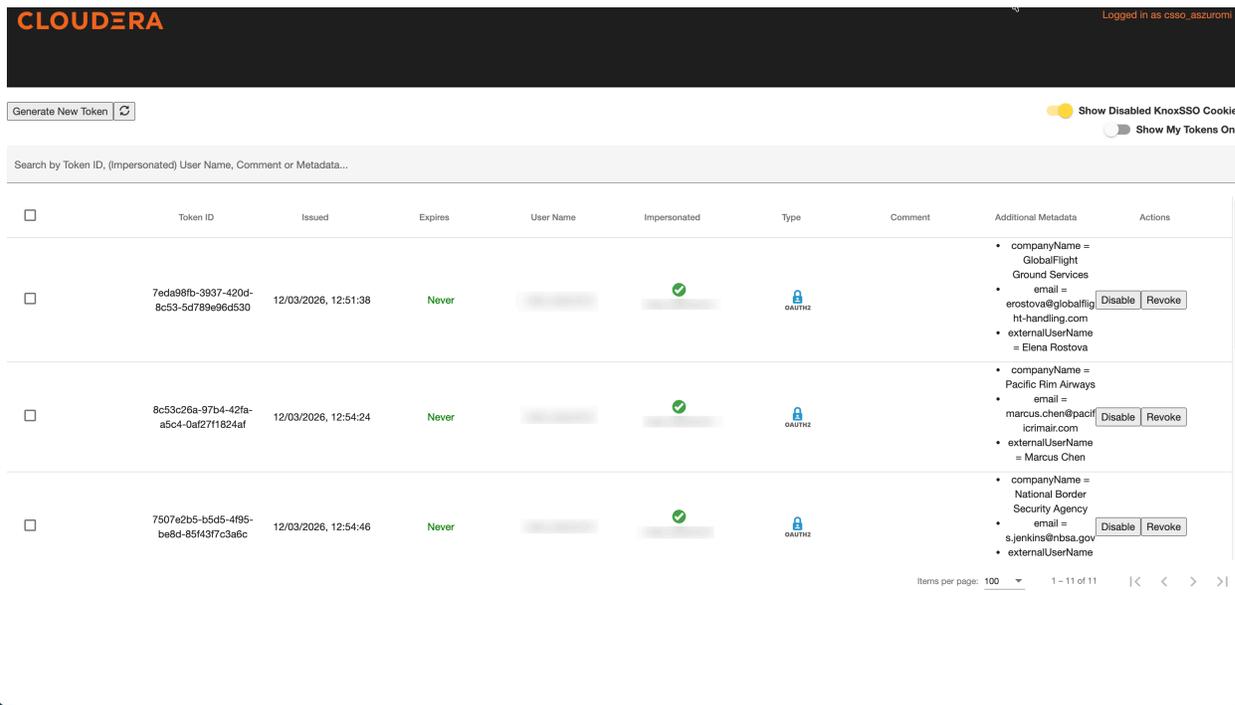
Figure 3: New User credentials download dialog



### Results

The external user is registered and appears in the Manage Users list. You can now add this user to a Data Share.

External user Client IDs are also visible in Knox under Environment [\*\*\*YOUR\_DATA LAKE\*\*\*] Token Integration Token Management



### What to do next

Securely share this downloaded credential file (for example, via secure email) to the external consumer so they can authenticate their compute engine by exchanging their Client ID and Secret for a Knox Access token.



**Important:** `knox.token.ttl` controls the lifetime of your Knox access token received in exchange for the Client ID and Secret of your external users. Once it expires, external users need to request a new access token. For more information, see [Editing Knox topologies](#).

### Related Information

[Editing Knox topologies](#)

[create-external-users](#)

[list-external-users](#)

## Creating a new Data Share

Create and publish a Data Share in Cloudera Data Catalog to grant external users read-only access to Iceberg tables.

### About this task

A Data Share is a logical unit that groups one or more Iceberg tables and grants specific external users read-only access to them for a defined period. The New Share wizard guides you through six steps: **Share Name**, **Assets**, **Users**, **Terms and Conditions**, **Additional Information**, and **Review**. All steps can be revisited after creation, you can also populate and customize a Share after initially creating it.

### Before you begin

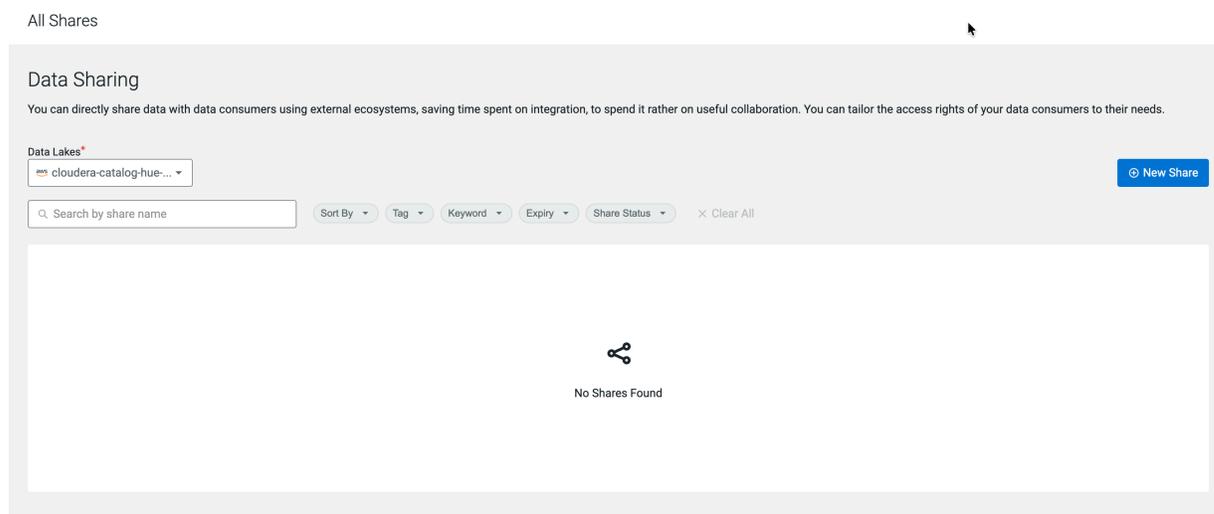
- You must have the DataShareAdmin resource role for the relevant environment.
- External users who will be granted access must already be registered on the Manage Users page. For more information, see <https://docs.cloudera.com/data-catalog/cloud/data-sharing-data-catalog/topics/dc-creating-external-users.html>.

### Procedure

- In Cloudera Data Catalog, go to Data Sharing and click New Share.

Select the target Data Lake from the dropdown if it is not already selected. The New Share wizard opens.

**Figure 4: All Shares page**



2. On the Share Name step, enter a name for the Data Share and click Next.
3. On the Assets step, search for and select the Iceberg tables to include in the Data Share, then click Next.

Type a name in the Search for Asset field and check the checkbox next to the asset to add it to the Selected Assets list.



**Note:**

- Currently, the Type is fixed at Iceberg Tables and Permission is fixed at Read Only.
- You can add up to 15 assets per Data Share.

**Figure 5: Asset selection**

New Share

1 Share Name

2 **Assets**

3 Users

4 Terms and Conditions

5 Additional Information

6 Review

### Assets \*

Add assets to your Share. The limit is 15 assets per Share.

Search for Asset

Type

Permission

<input checked="" type="checkbox"/>	airlines_new	airline...rations	03/11/2026 05:47 PM CET
-------------------------------------	--------------	-------------------	-------------------------

**Selected Assets**

Name	DB	Created On	
airlines_new	airline_operations	03/11/2026 05:47 PM CET	🗑️

**Adding 1 Asset**

← Previous
Next →

Create Share
Cancel

- On the Users step, search for and select the external users who will have access to this Data Share, then click Next.

Type a name in the Search for User field and check the checkbox next to the user to add them to Selected Users. The Valid Until date defaults to 30 days from creation and can be adjusted per user by clicking the date. If the required user is not listed, click Register New User to register them first.

**Figure 6: User selection**

New Share

- Share Name
- Assets
- 3 Users**
- 4 Terms and Conditions
- 5 Additional Information
- 6 Review

*You can also populate and customize your Share after creating it.*

### Users

Select from the list of users who will have access to this Share. Read only access is available

Search for User

Can't find a user? Make sure you register the user first. [Register New User](#)

<input type="checkbox"/>	Elena Rostova	erostov...ing.com	GlobalF...ervices
--------------------------	---------------	-------------------	-------------------

#### Selected Users

Name	Email	Company Name	Valid Until	
Davi...rres	dtorre...ey.com	Secure...urance	Apr 11, 2026	

**Adding 1 User**

[← Previous](#) [Next →](#) [Create Share](#) [Cancel](#)

5. On the Terms and Conditions step, optionally enter a terms and conditions text, then click Next.

Use this field to communicate data usage obligations, compliance requirements, or contractual constraints to Data Consumers. The field accepts up to 10,000 characters.

**Figure 7: Terms and Conditions step**

New Share

Share Name

Assets

Users

4 Terms and Conditions

5 Additional Information

6 Review

You can also populate and customize your Share after creating it.

### Term and Conditions

Share additional information about shared data such as terms & conditions or specify data contract information.

Terms & Conditions 916/10000

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< Previous Next >

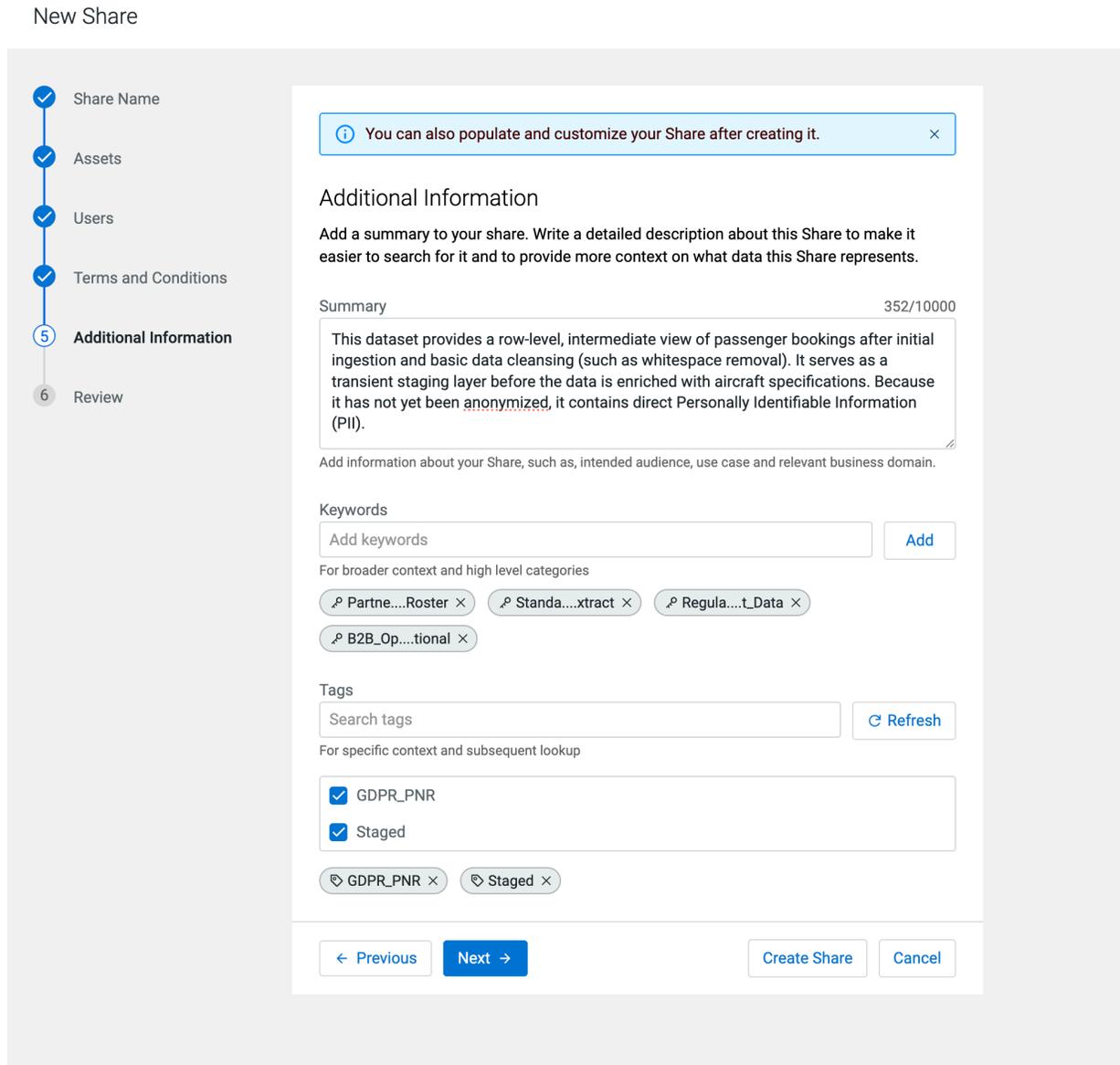
Create Share Cancel

6. On the Additional Information step, optionally enter a Summary, add Keywords, and select Tags, then click Next.

The summary (up to 10,000 characters) describes the Data Share content and intended audience, making it easier to discover. Keywords provide broad, high-level categorization. Tags apply Atlas tags (classifications) for specific

context and subsequent lookup. Both keywords and Atlas classifications are internal to Cloudera Data Catalog search for Data Shares.

**Figure 8: Additional Information step**



- On the Review step, verify all Data Share details and click Create Share.



**Note:** Use the  icons next to each section to jump back and correct any details before creating.

**Figure 9: New Share review step**

New Share

- Share Name
- Assets
- Users
- Terms and Conditions
- Additional Information
- Review**

### Review

Review the details of your Share.

**Share Details** 

<p>SHARE NAME</p> <p>enriched_flight_data</p>	<p>DATA LAKE</p> <p> cloudera-catalog-hue-lake-6</p>
<p>VALID UNTIL</p> <p>30 days (default)</p>	

**Asset Details** 

enriched\_flight\_d...

**Users:** 

SHARE USERS

David Torres

**Terms & Conditions** 

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**Additional Information** 

SUMMARY

"This data share provisions SecureJourney Insurance with authorized, read-only access to the Enriched Flight Operations dataset. This intermediate data product provides row-level passenger booking records securely joined with physical aircraft capacity metrics (Stage 4 pipeline data). This specific feed is provisioned exclusively for the purposes of travel disruption claims validation and route-specific underwriting risk analytics. Warning: This dataset contains unmasked Personally Identifiable Information (PII) and Passenger Name Records (PNR). All usage, retention, and extraction must strictly comply with the attached Airlines Ltd. B2B Data Processing Agreement and GDPR regulations."

KEYWORDS

Claims...dation Enrich...Roster B2B\_In...e\_Feed Risk\_Analytics

Regula...t\_Data

TAGS

Confidential Enriched GDPR\_PNR

[< Previous](#)
[Create Share](#)
[Cancel](#)

Data Shares are created in Not Shared status. Assets are not yet accessible to users until you publish the Data Share.

# Share details

[Home](#) / [All Shares](#) / Share details

## enriched\_flight\_data

DATA LAKE

 cloudera-catalog-hue-lake-6

CREATED BY:

csso\_aszuromi

SUMMARY: 

"This data share provisions SecureJourney Insurance with authorized, read-only access to flight data with physical aircraft capacity metrics (Stage 4 pipeline data). This specific fe

TAGS: (3) 

-  Confidential
-  Enriched
-  GDPR\_PNR

TERMS & CONDITIONS: 

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[Assets](#)

[Users](#)

[Metadata Audits](#)

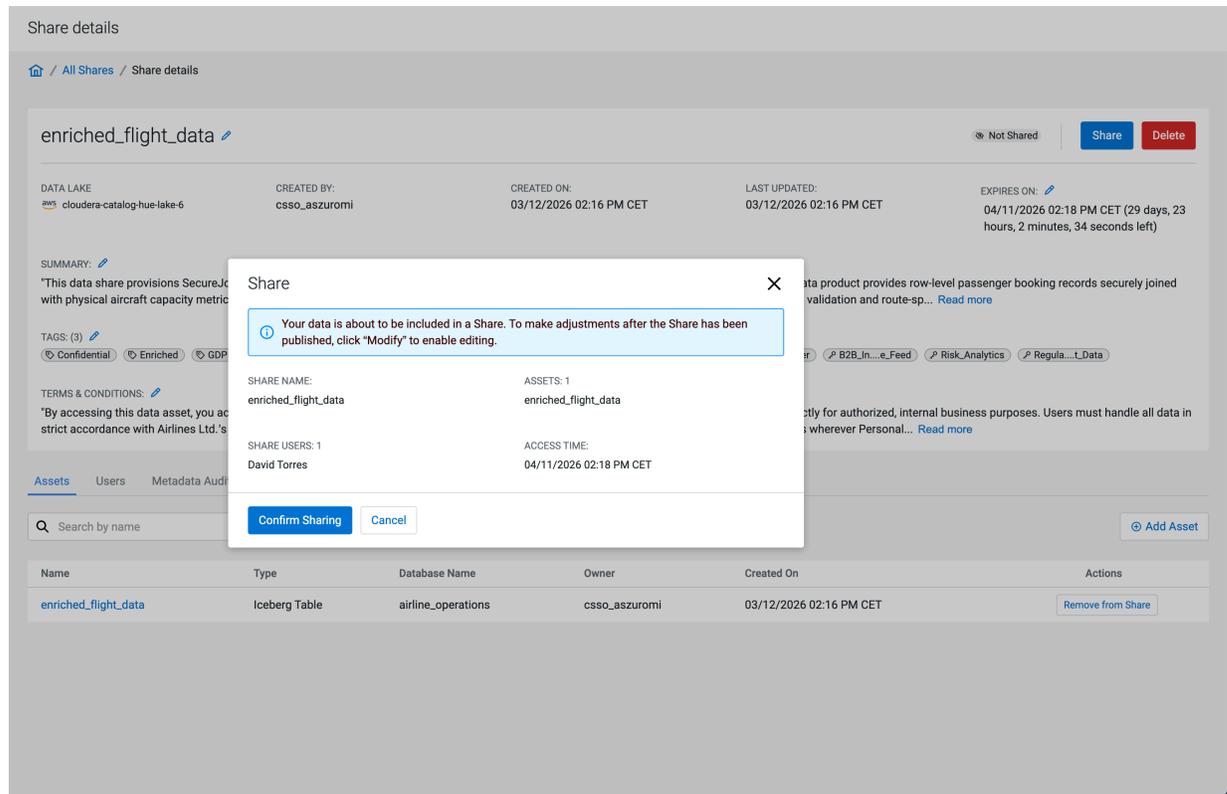
[Access Audits](#)

Name	13	Type	Databa
<a href="#">enriched_flight_data</a>		Iceberg Table	airline.

- On the Share details page, click Share.

The Share confirmation dialog opens, showing the Data Share name, included assets, assigned users, and the access expiry time.

**Figure 10: Confirm Sharing dialog**



- Review the summary and click Confirm Sharing to publish the Share.



**Note:** Once published, you can add new users and change the access time of existing users. However, you cannot remove existing users or change the included assets. To do that, first you need to click Modify to return the share to draft state.

## Results

The Data Share is published. The status badge changes to Shared and a success banner confirms publication. The Share button is replaced by a Modify button.

**Figure 11: Published Data Share**

Share details Share is published. x

[Home](#) / [All Shares](#) / Share details

airlines\_new Shared [Modify](#)

DATA LAKE: [aws](#) cloudera- CREATED BY: CREATED ON: 03/12/2026 04:09 PM CET LAST UPDATED: 03/12/2026 04:09 PM CET EXPIRES ON: 04/11/2026 05:04 PM CET (29 days, 23 hours, 55 minutes, 23 seconds left)

SUMMARY: [Read more](#)  
 This data share provisions AeroSettlement Financial Services with secure, read-only access to the Airlines Reference and Routing dataset. This table serves as the single source of truth for partner airline operational IDs, alliance memberships, and highly sensitive financial routing details (including SWIFT codes and settlement bank accounts). This feed is provisioned exclusively for automated int...

TAGS: (3) [Reference\\_Data](#) [Commer...ential](#) [Non\\_PII](#) KEYWORDS: (5) [Inter...lling](#) [Financ...lement](#) [SWIFT\\_Routing](#) [Airin...e\\_Data](#) [B2B\\_FL...LFeed](#)

TERMS & CONDITIONS: [Read more](#)  
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[Assets](#) [Users](#) [Metadata Audits](#) [Access Audits](#)

Q Search by name

Name	Type	Database Name	Owner	Created On
airlines_new	Iceberg Table	airline_operations	csso_aszuromi	03/12/2026 04:09 PM CET

### What to do next

Share the credentials file with the external users so they can configure their Iceberg REST Catalog compatible compute engine. Monitor access activity using the Access Audits tab on the **Share details** page.

### Related Information

[create-data-share](#)

[share-data-share](#)

[add-assets-to-data-share](#)

[Creating a Data Share with CDP CLI](#)

## Modifying Data Shares

Update a Data Share in Cloudera Data Catalog: change some settings while the Share is Shared, or use Modify to edit assets and user membership, then publish again.

### About this task

What you can change depends on whether the Data Share is in Shared or Not Shared state (similar to a draft):

#### Adding or removing assets

You can add or remove Iceberg table assets only while the Share is Not Shared.

#### Adding or removing users

You can add external users to a Shared Share. Revoking a user's access to the Share (removing them from the Share) is only possible while in Not Shared state after you click Modify.

#### Per-user access time

You can change the access date for users who already have access while the Share is Shared.

### Share expiration

You can change the overall Data Share expiration time while the Share is Shared.

While the Share is Shared, you can edit the following metadata using the  icon on the **Share details** page:

### Data Share name

Share details

[Home](#) / [All Shares](#) / Share details

SHARE NAME

airlines\_new

Shared

DATA LAKE: [cloudera-catalog-hue-lake-6](#)    CREATED BY: [csso\\_aszuromi](#)    CREATED ON: 03/12/2026 04:09 PM CET    LAST UPDATED: 03/20/2026 06:54 PM CET    EXPIRES ON: [04/11/2026 05:04 PM CET \(20 days, 42 minutes, 10 seconds left\)](#)

SUMMARY: [Read more](#)

Tags: [Reference\\_Data](#), [Commer...ential](#), [Non\\_PII](#)    Keywords: [Inter...illing](#), [Financ...lement](#), [SWIFT\\_Routing](#), [Airlin...e\\_Data](#), [B2B\\_Fi...l\\_Feed](#)

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Search by name

Name	Type	Database Name	Owner	Created On
airlines_new	Iceberg Table	airline_operations	csso_aszuromi	03/12/2026 04:09 PM CET

### Share expiration

Figure 12: Editing expiration time

Share details

[Home](#) / [All Shares](#) / Share details

airlines\_new [Read more](#)    Shared   

DATA LAKE: [cloudera-catalog-hue-lake-6](#)    CREATED BY: [csso\\_aszuromi](#)    CREATED ON: 03/12/2026 04:09 PM CET    LAST UPDATED: 03/20/2026 06:54 PM CET    EXPIRES ON: [04/11/2026 05:04 PM CET \(20 days, 42 minutes, 10 seconds left\)](#)

SUMMARY: [Read more](#)

Tags: [Reference\\_Data](#), [Commer...ential](#), [Non\\_PII](#)    Keywords: [Inter...illing](#), [Financ...lement](#), [SWIFT\\_Routing](#), [Airlin...e\\_Data](#), [B2B\\_Fi...l\\_Feed](#)

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Search by name

Name	Type	Database Name	Owner	Created On
airlines_new	Iceberg Table	airline_operations	csso_aszuromi	03/12/2026 04:09 PM CET

### Summary

Share details

airlines\_new Shared Modify

DATA LAKE: cloudera-catalog-hue-lake-6  
CREATED BY: csso\_aszuromi  
CREATED ON: 03/12/2026 04:09 PM CET  
LAST UPDATED: 03/20/2026 06:54 PM CET  
EXPIRES ON: 04/11/2026 05:04 PM CET (20 days, 42 minutes, 10 seconds left)

**SUMMARY:**  
This Data Share provisions AeroSettlement Financial Services with secure, read-only access to the Airlines Reference and Routing dataset. This table serves as the single source of truth for partner airline operational IDs, alliance memberships, and highly sensitive financial routing details (including SWIFT codes and settlement bank accounts). This feed is provisioned exclusively for automated interline billing, revenue sharing calculations, and B2B financial clearing. Warning: While this dataset contains no passenger PII, it houses heavily restricted commercial financial data. Unauthorized extraction or public exposure of routing information is strictly prohibited under the Airlines Ltd. B2B Financial Non-Disclosure Agreement.

Tags: Reference\_Data, Commercial, Non\_PII  
Keywords: Interlining, Financ...lement, SWIFT\_Routing, Airlin...e\_Data, B2B\_FI...I\_Feed

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Name	Type	Database Name	Owner	Created On
airlines_new	Iceberg Table	airline_operations	csso_aszuromi	03/12/2026 04:09 PM CET

### Tags

airlines\_new Shared Modify

DATA LAKE: cloudera-catalog-hue-lake-6  
CREATED BY: csso\_aszuromi  
CREATED ON: 03/12/2026 04:09 PM CET  
LAST UPDATED: 03/20/2026 06:54 PM CET  
EXPIRES ON: 04/11/2026 05:04 PM CET (20 days, 42 minutes, 10 seconds left)

**Edit Tags**

SHARE NAME: airlines\_new

Add Tags  
Search tag Refresh

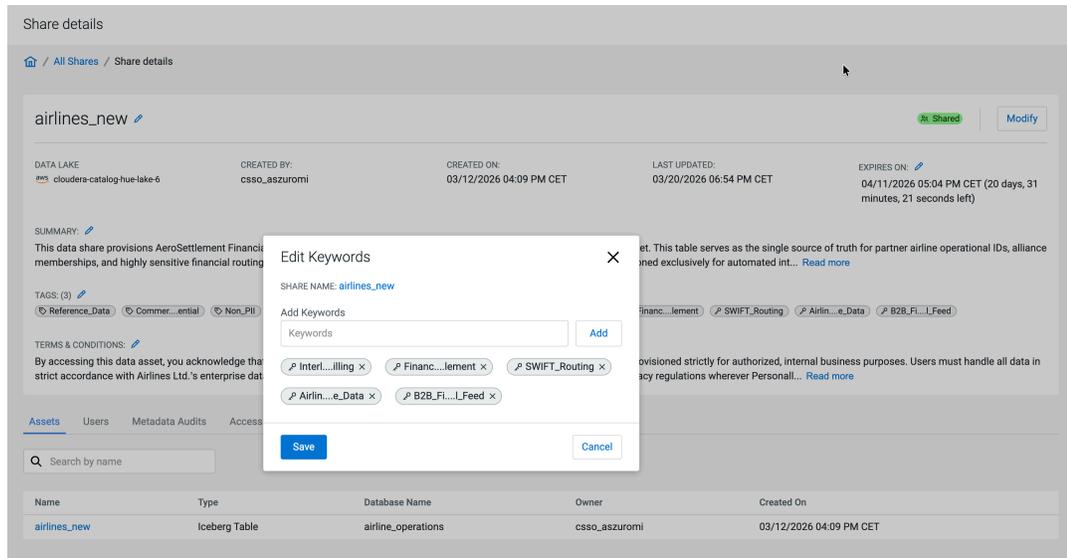
- Reference\_Data
- Non\_PII
- Commercial\_Confidential
- Aggregated
- Confidential

Reference\_Data x Commercial...ential x Non\_PII x

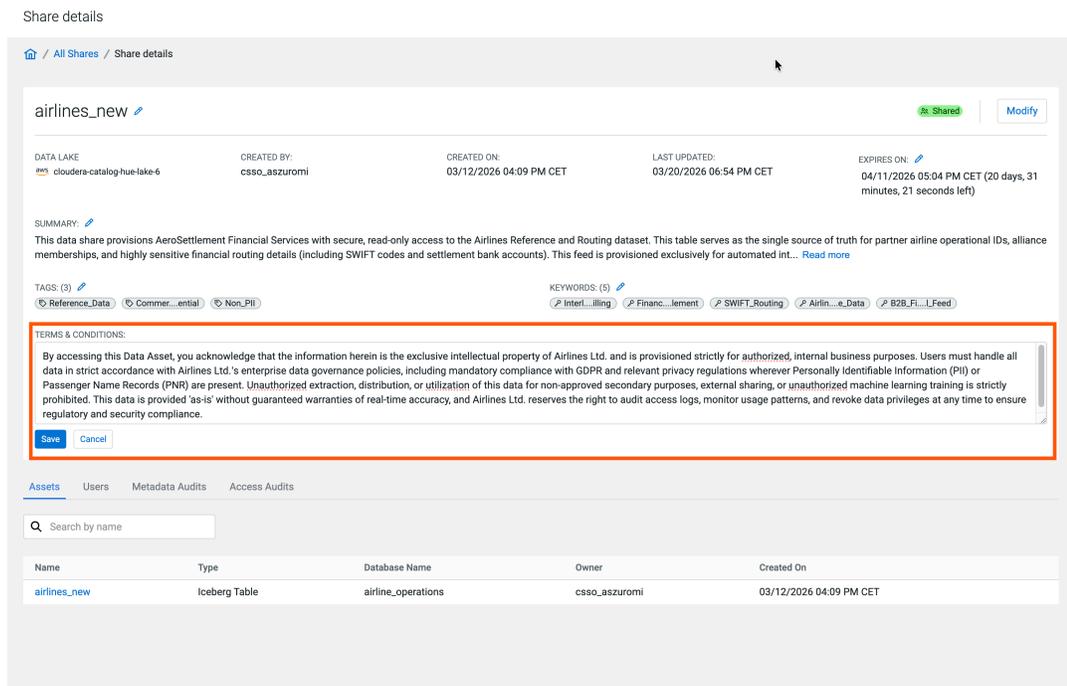
Save Cancel

Name	Type	Database Name	Owner	Created On
airlines_new	Iceberg Table	airline_operations	csso_aszuromi	03/12/2026 04:09 PM CET

### Keywords



## Terms & Conditions



### Before you begin

You must have the DataShareAdmin resource role for the relevant environment.

### Procedure

1. In Cloudera Data Catalog, go to **Data Sharing** and open the Data Share you want to change.

- If the Share status is Shared, click Modify.

**Figure 13: Modify dialog for a published Data Share**

The screenshot shows the 'Share details' page for a 'Complete Share' with a status of 'Shared'. A 'Modify' dialog box is open in the center of the screen. The dialog contains the following text:

**Modify**

**What happens when Share is published?**  
When the Share is published, you can't make any further modifications such as adding new users or adding more assets.

**How to Edit your Share?**  
Click Modify Share to confirm that you want to edit the Share again. Soon, you will be able to edit or delete the Share. After you finish editing, publish it again.

Would you like to modify the Share?

Buttons: **Modify Share** (blue), **Cancel** (white)

The background page shows the following details for the 'Complete Share':

- DATA LAKE:** cloudera-catalog-hue-lake-6
- CREATED BY:** [Redacted]
- CREATED ON:** 03/13/2026 12:56 PM CET
- LAST UPDATED:** 03/13/2026 12:56 PM CET
- EXPIRES ON:** 04/12/2026 01:53 PM CET (29 days, 23 hours, 56 minutes, 57 seconds left)

Below the dialog, there is a table of assets:

Name	Type	Database Name	Owner	Created On
stg_flight_manifests	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET
dim_aircraft	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET
agg_route_performance	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET
airlines_new	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET
enriched_flight_data	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET

- In the confirmation dialog, click Modify Share.

The **Share details** page reloads with Not Shared status. You can now edit the Share using the same sections as in the **New Share** wizard flow. For step-level guidance, see <https://docs.cloudera.com/data-catalog/cloud/data-sharing-data-catalog/topics/dc-creating-a-new-share.html>.

**Figure 14: Share details page in Not Shared state**

Share details ✔ Share is ready to be edited. After you finish editing, publish it again. ✕

[Home](#) / [All Shares](#) / Share details

### Complete Share [✎](#) Not Shared [Share](#) [Delete](#)

DATA LAKE: [cloudera-catalog-hue-lake-6](#)    CREATED BY: [\[redacted\]](#)    CREATED ON: 03/13/2026 12:56 PM CET    LAST UPDATED: 03/13/2026 12:56 PM CET    EXPIRES ON: [04/12/2026 01:53 PM CET \(29 days, 23 hours, 56 minutes, 57 seconds left\)](#)

SUMMARY: [✎](#)  
 This database is a dedicated testing environment provisioned exclusively to validate the bulk-sharing performance and global access configurations of the Data Catalog. By design, all policies on this database are configured for unrestricted, multi-tenant read access. It is used to test UI responsiveness, bulk-export APIs, and zero-copy share scaling when provisioning entire schemas to all configur... [Read more](#)

TAGS: (2) [✎](#)    KEYWORDS: (1) [✎](#)  
[GDPR\\_PNR](#) [Commer...ental](#)    [Complete](#)

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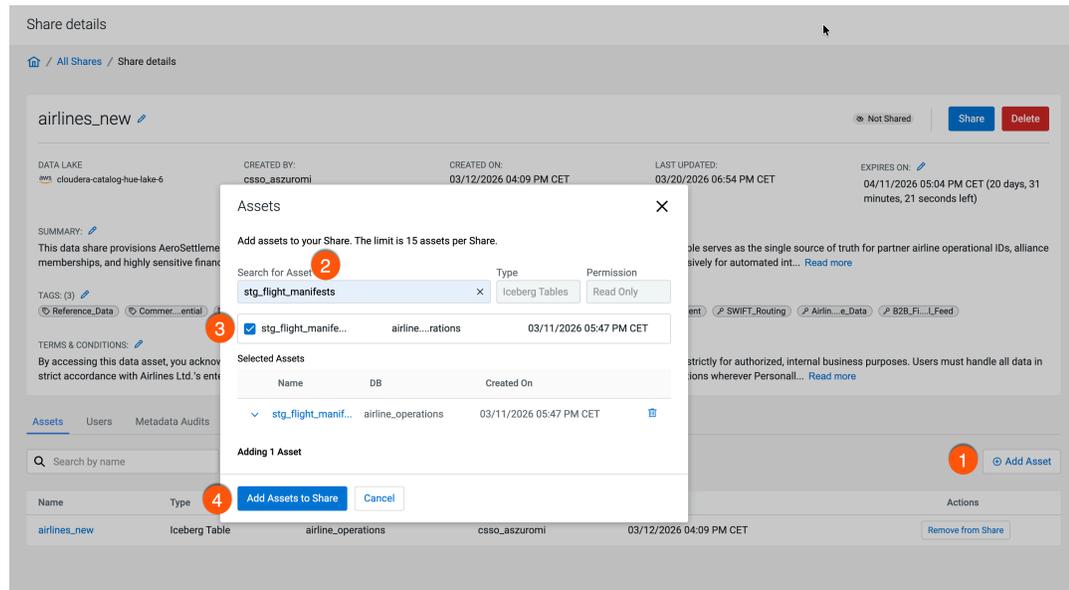
[Add Asset](#)

Name	Type	Database Name	Owner	Created On	Actions
<a href="#">stg_flight_manifests</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>
<a href="#">dim_aircraft</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>
<a href="#">agg_route_performance</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>
<a href="#">airlines_new</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>
<a href="#">enriched_flight_data</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>

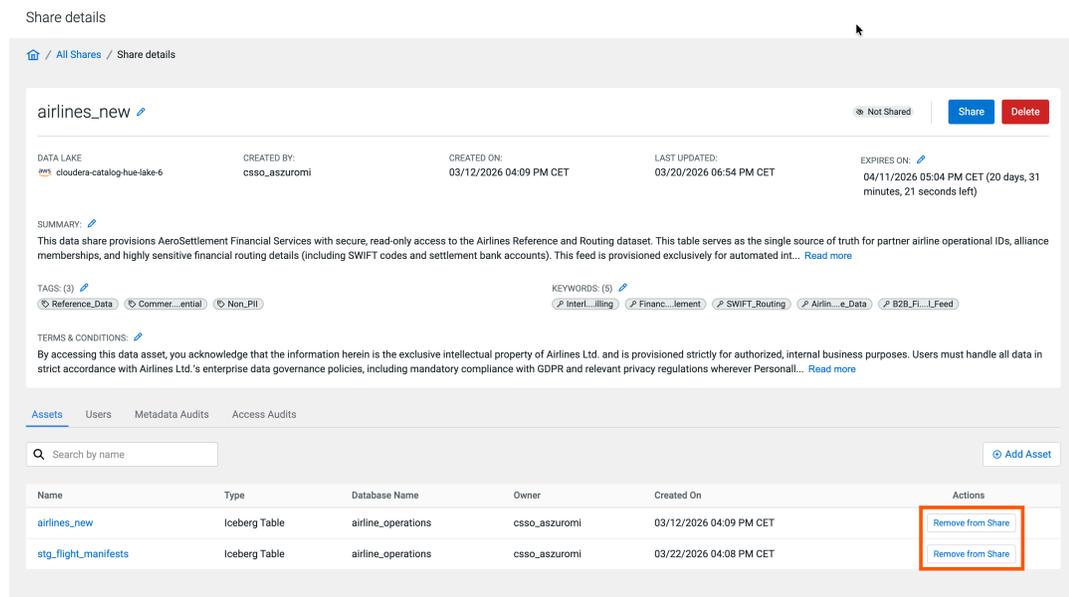
Make your changes in the Data Share:

**Adding or removing assets**

**Figure 15: Adding assets**



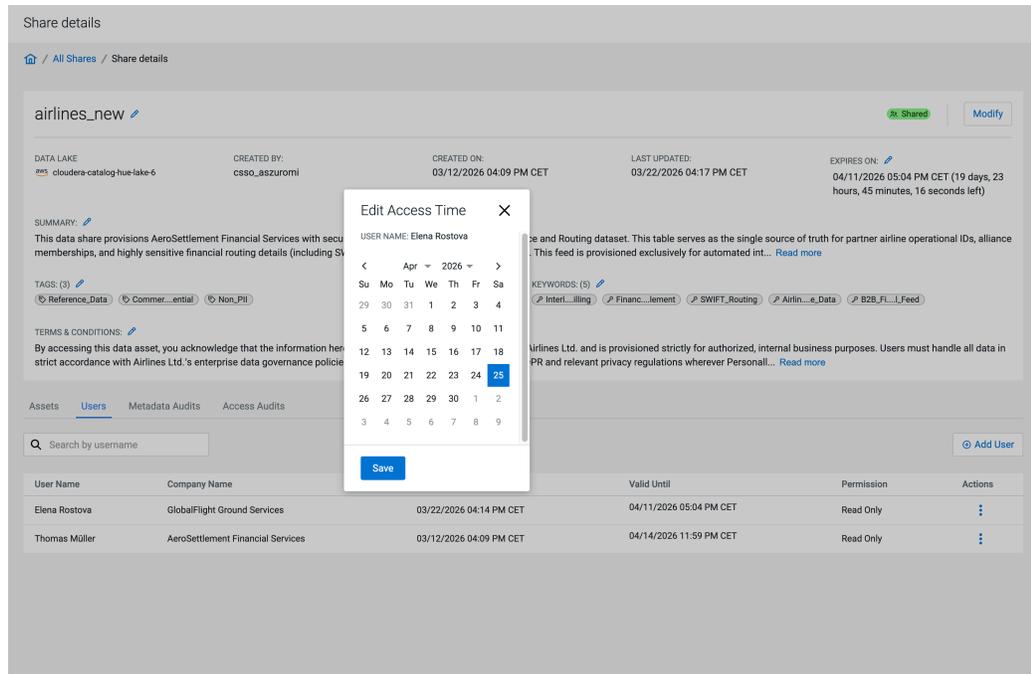
**Figure 16: Removing assets**



 **Warning:** Removing an asset from a Data Share does not have a confirmation prompt.

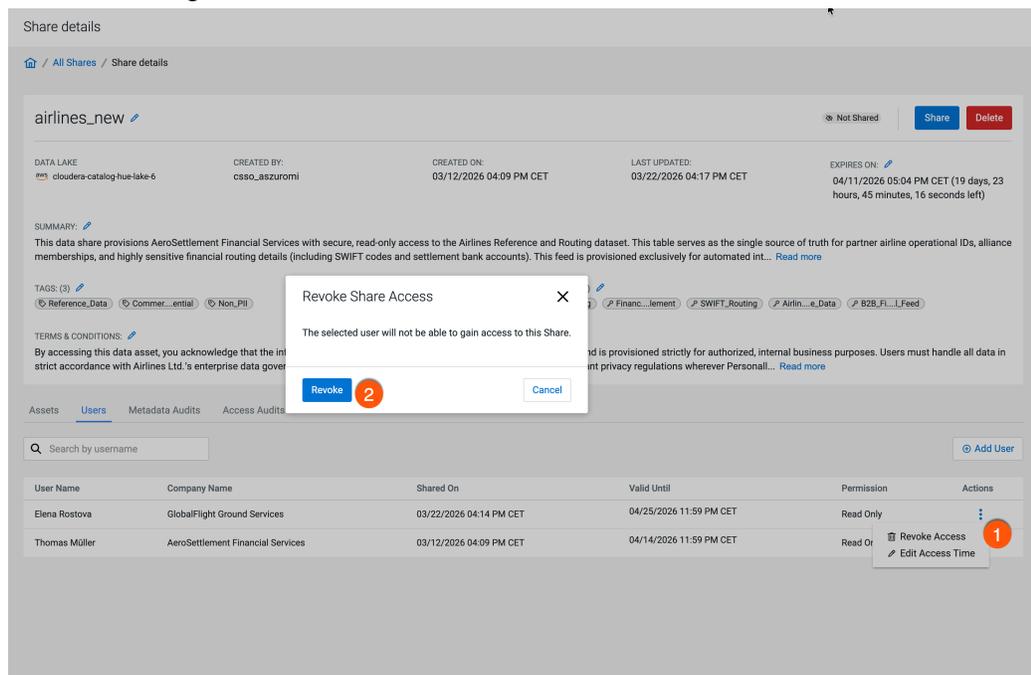
**Editing access time**

- a. Click the  icon, then Edit Access Time.
- b. Select a new date.



### Revoking user access

- a. Click the  icon, then Revoke Access.
- b. Confirm revoking the user's access.



- Update the Share as needed (for example, assets, users, terms and conditions, or additional information), then click Share and Confirm Sharing to publish the updated Share.

**Figure 17: Confirm Sharing dialog**

The screenshot shows the 'Share details' page for a data share named 'enriched\_flight\_data'. The share is currently in a 'Not Shared' state. A 'Share' dialog box is open in the foreground, displaying a warning message: 'Your data is about to be included in a Share. To make adjustments after the Share has been published, click "Modify" to enable editing.' The dialog box also shows the following details:

- SHARE NAME: enriched\_flight\_data
- ASSETS: 1 enriched\_flight\_data
- SHARE USERS: 1 David Torres
- ACCESS TIME: 04/11/2026 02:18 PM CET

At the bottom of the dialog box, there are two buttons: 'Confirm Sharing' and 'Cancel'. The background page shows the share's metadata, including the data lake (cloudera-catalog-hue-lake-6), creator (csso\_aszuromi), creation date (03/12/2026 02:16 PM CET), and expiration date (04/11/2026 02:18 PM CET). A table at the bottom lists the share's details:

Name	Type	Database Name	Owner	Created On	Actions
enriched_flight_data	Iceberg Table	airline_operations	csso_aszuromi	03/12/2026 02:16 PM CET	Remove from Share

## Results

The Data Share is published again with Shared status. External users receive access consistent with the updated configuration and assignments.

**Figure 18: Published Data Share**

Share details Share is published. x

[Home](#) / [All Shares](#) / Share details

airlines\_new Shared Modify

DATA LAKE: [aws cloudera](#)    CREATED BY:    CREATED ON: 03/12/2026 04:09 PM CET    LAST UPDATED: 03/12/2026 04:09 PM CET    EXPIRES ON: 04/11/2026 05:04 PM CET (29 days, 23 hours, 55 minutes, 23 seconds left)

SUMMARY: [Edit](#)  
 This data share provisions AeroSettlement Financial Services with secure, read-only access to the Airlines Reference and Routing dataset. This table serves as the single source of truth for partner airline operational IDs, alliance memberships, and highly sensitive financial routing details (including SWIFT codes and settlement bank accounts). This feed is provisioned exclusively for automated int... [Read more](#)

TAGS: (3) [Reference\\_Data](#) [Commer...ential](#) [Non\\_PII](#)    KEYWORDS: (5) [Inter...illing](#) [Financ...lement](#) [SWIFT\\_Routing](#) [Airin...e\\_Data](#) [B2B\\_FL...LFeed](#)

TERMS & CONDITIONS: [Edit](#)  
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[Assets](#) [Users](#) [Metadata Audits](#) [Access Audits](#)

Q Search by name

Name	Type	Database Name	Owner	Created On
airlines_new	Iceberg Table	airline_operations	csso_aszuromi	03/12/2026 04:09 PM CET

### Related Information

[unshare-data-share](#)

[update-data-share](#)

[add-assets-to-data-share](#)

[grant-access-to-external-users-on-data-share](#)

[update-access-of-external-users-on-data-share](#)

[remove-access-of-external-users-on-data-share](#)

[share-data-share](#)

## Revoking user credentials

Revoke the credentials of an external user to immediately block their access to all Data Shares until new credentials are regenerated.

### About this task

Revoking credentials invalidates a user's Client ID and Secret. The user will not be able to access any of their previous Data Shares or new ones until their credential is regenerated. Use this action when a user's credentials are compromised, when access needs to be temporarily suspended, or when a user leaves the organization.

### Before you begin

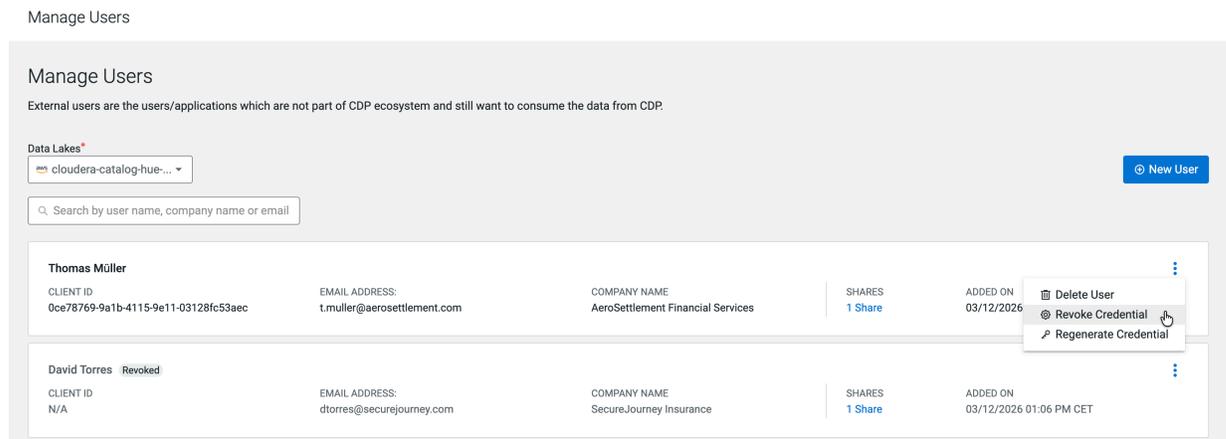
You must have the DataShareAdmin resource role for the relevant environment.

### Procedure

1. In Cloudera Data Catalog, navigate to Manage Users and select the target Data Lake from the dropdown.

- In the user row, click the actions menu (⋮) and select Revoke Credential.

**Figure 19: Actions menu with Revoke Credential option**

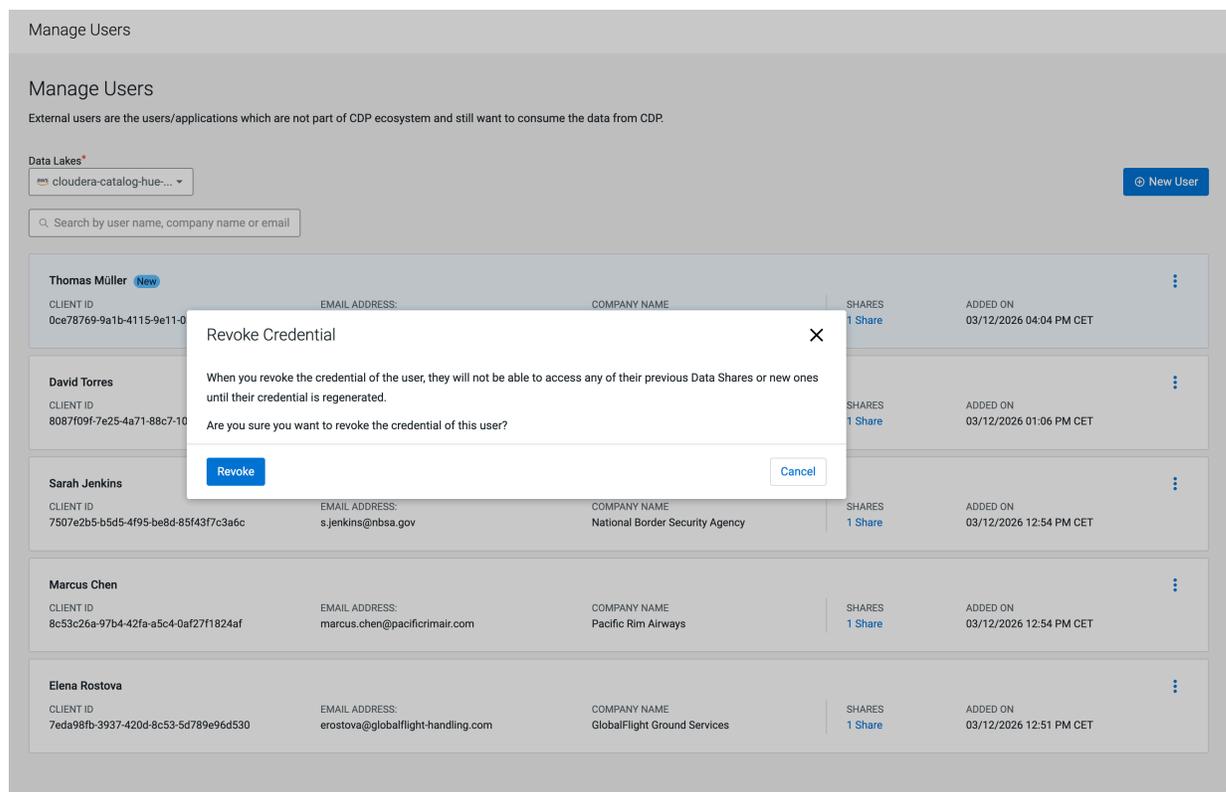


- In the Revoke Credential confirmation dialog, click Revoke.



**Warning:** Revoking credentials immediately blocks the user from accessing all their current and future Data Shares until credentials are regenerated.

**Figure 20: Revoke Credential confirmation dialog**



## Results

A success banner confirms that the credentials are revoked. The user row displays a Revoked badge and the Client ID field shows N/A.

**Figure 21: User row in revoked state**

Manage Users ✔ The credentials for user David Torres are revoked. ✕

Manage Users

External users are the users/applications which are not part of CDP ecosystem and still want to consume the data from CDP.

Data Lakes\*

cloudera-catalog-hue-... ▾ New User

🔍 Search by user name, company name or email

<b>Thomas Müller</b> <span style="color: blue;">New</span>	CLIENT ID 0ce78769-9a1b-4115-9e11-03128fc53aec	EMAIL ADDRESS: t.muller@aerosettlement.com	COMPANY NAME AeroSettlement Financial Services	SHARES <a href="#">1 Share</a>	ADDED ON 03/12/2026 04:04 PM CET	⋮
David Torres <span style="color: gray;">Revoked</span>	CLIENT ID N/A	EMAIL ADDRESS: d.torres@securejourney.com	COMPANY NAME SecureJourney Insurance	SHARES <a href="#">1 Share</a>	ADDED ON 03/12/2026 01:06 PM CET	⋮
<b>Sarah Jenkins</b>	CLIENT ID 7507e2b5-b5d5-4f95-be8d-85f43f7c3a6c	EMAIL ADDRESS: s.jenkins@nbsa.gov	COMPANY NAME National Border Security Agency	SHARES <a href="#">1 Share</a>	ADDED ON 03/12/2026 12:54 PM CET	⋮
<b>Marcus Chen</b>	CLIENT ID 8c53c26a-97b4-42fa-a5c4-0af27f1824af	EMAIL ADDRESS: marcus.chen@pacificrimair.com	COMPANY NAME Pacific Rim Airways	SHARES <a href="#">1 Share</a>	ADDED ON 03/12/2026 12:54 PM CET	⋮
<b>Elena Rostova</b>	CLIENT ID 7eda98fb-3937-420d-8c53-5d789e96d530	EMAIL ADDRESS: erostova@globalflight-handling.com	COMPANY NAME GlobalFlight Ground Services	SHARES <a href="#">1 Share</a>	ADDED ON 03/12/2026 12:51 PM CET	⋮

### What to do next

To restore the user's access, regenerate their credentials from the same actions menu.

### Related Information

[revoke-external-user-credentials](#)

[remove-access-of-external-users-on-data-share](#)

[Regenerating user credentials](#)

## Regenerating user credentials

Regenerate the credentials of an external user to issue a new Client ID and Secret, restoring their access to Data Shares.

### About this task

Regenerating credentials invalidates the user's existing Client ID and Secret and issues a new pair. Use this action to restore access for a user whose credentials were revoked, or to replace credentials that were lost or potentially compromised.

### Before you begin

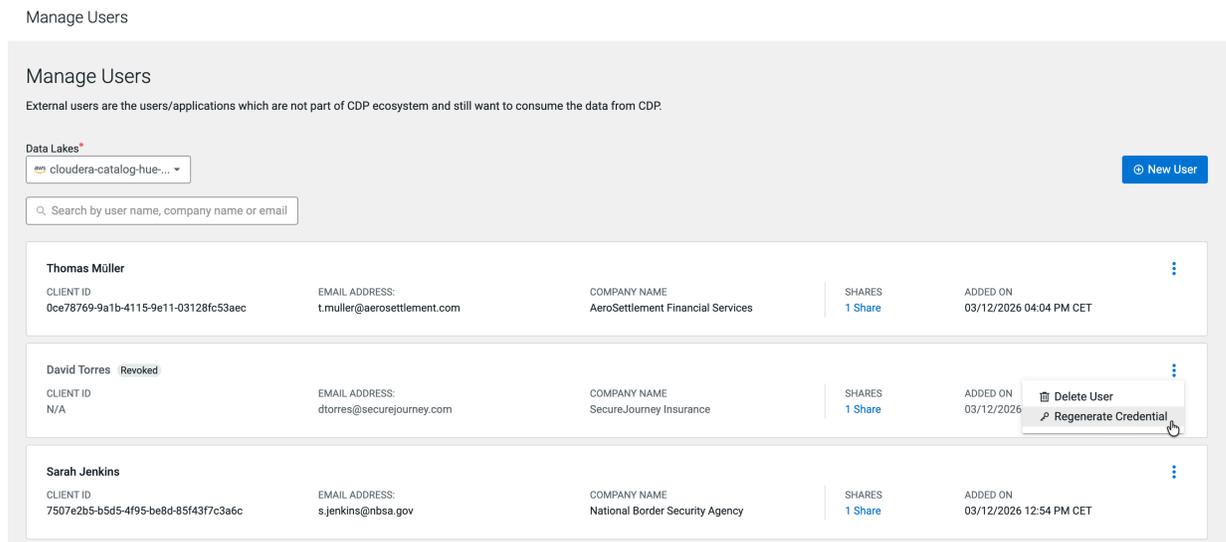
You must have the DataShareAdmin resource role for the relevant environment.

### Procedure

1. In Cloudera Data Catalog, go to Manage Users and select the target Data Lake from the dropdown.

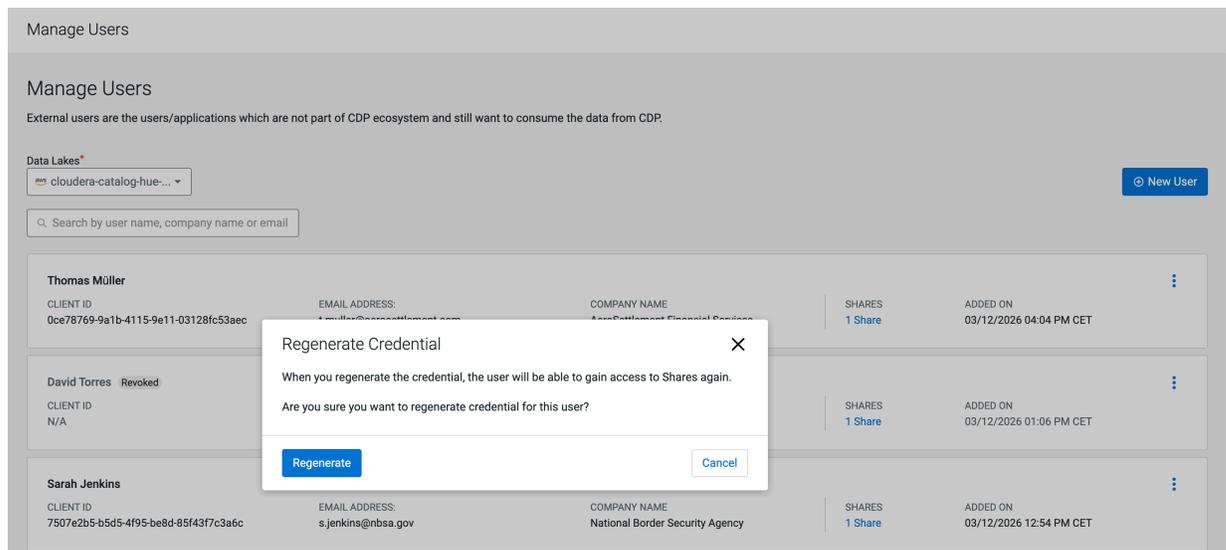
- In the user row, click the actions menu (⋮) and select Regenerate Credential.

**Figure 22: Actions menu with Regenerate Credential option**



- In the Regenerate Credential confirmation dialog, click Regenerate.

**Figure 23: Regenerate Credential confirmation dialog**



- In the User Credentials Regenerated dialog, click Download Credentials File to save the new credentials before closing the dialog.



**Important:** Download the credentials file before closing this dialog. The same credentials cannot be downloaded again. If needed, you can regenerate new credentials again from the Manage Users page.

**Figure 24: User Credentials Regenerated dialog**

The screenshot shows the 'Manage Users' page with a modal dialog titled 'User Credentials Regenerated'. The dialog contains the following information:

- A warning message: "Make sure to download the credential files before closing the dialog. You will not be able to download the same credentials later. However, you can generate new credentials from the Manage Users page."
- A success message: "The credentials of the user are regenerated. Now, you can download the new credentials."
- A table of user details for David Torres:
 

USER NAME	EMAIL ADDRESS:	COMPANY NAME	CLIENT ID
David Torres	dtorres@securejourney.com	SecureJourney Insurance	77892837-d0dd-42c7-8b57...
- A button labeled "Download Credentials File".

The background interface shows a list of users with columns for Client ID, Email Address, Company Name, Shares, and Added On. A green banner at the top right of the page states: "The credentials for user David Torres are regenerated."

## Results

A success banner confirms that the credentials are regenerated. The user's Client ID is updated in the Manage Users list. The user can now access their Data Shares using the new credentials.

## What to do next

Securely share the downloaded credentials file with the external user so they can reconfigure their Iceberg REST Catalog compatible compute engine with the new Client ID and Secret.

## Related Information

[regenerate-external-user-credentials](#)

# Deleting a Data Share

Permanently delete a Data Share in Cloudera Data Catalog to remove it and revoke all associated user access.

### About this task

Deleting a Data Share permanently removes it and immediately revokes access for all users who were granted access through it. The underlying Iceberg table assets are not affected. A Data Share can only be deleted when it is in Not Shared status. If the Share is currently published, you must put it into draft state first by clicking Modify.

### Before you begin

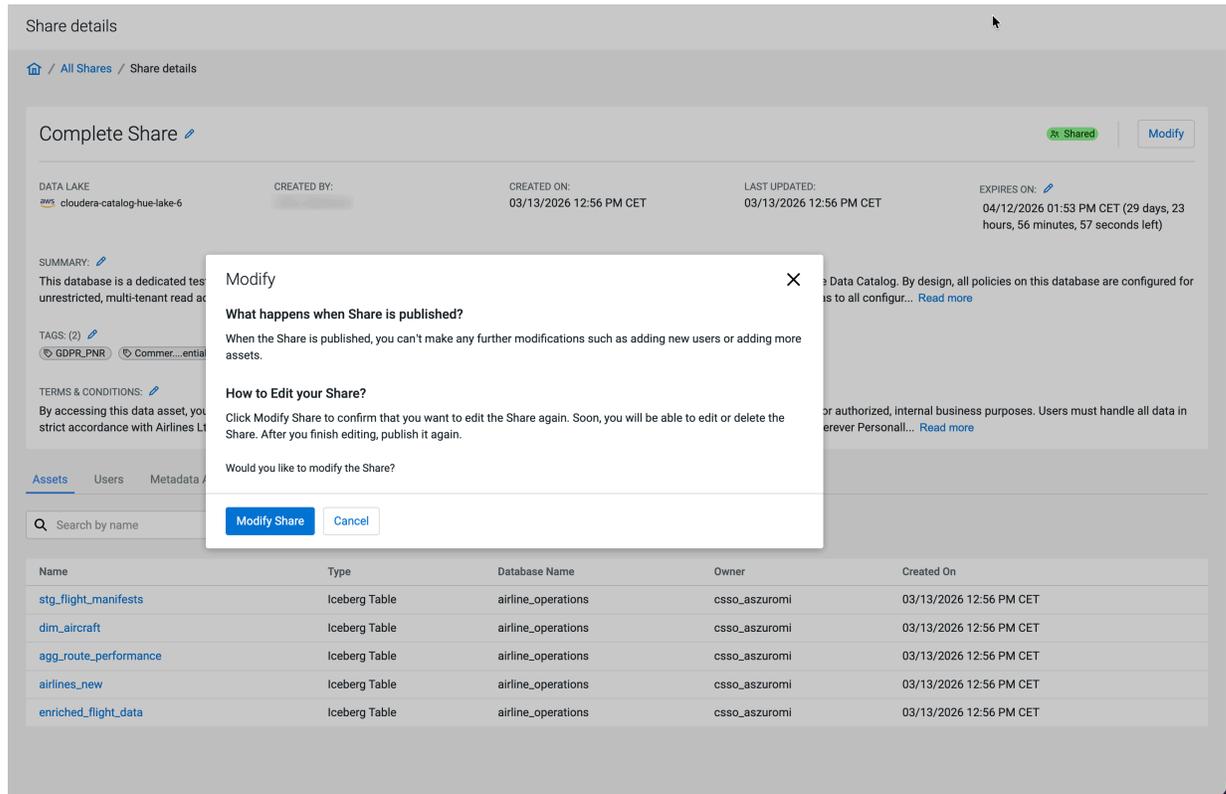
You must have the DataShareAdmin resource role for the relevant environment.

### Procedure

1. In Cloudera Data Catalog, go to **Data Sharing** and open the Data Share you want to delete.

- If the Data Share status is Shared, click Modify and then click Modify Share in the confirmation dialog to put the Share back into draft state.

**Figure 25: Modify dialog for a published Data Share**



The **Share details** page reloads with Not Shared status and the Delete button becomes available.

**Figure 26: Share details page in Not Shared state**

Share details ✔ Share is ready to be edited. After you finish editing, publish it again. ✕

[Home](#) / [All Shares](#) / Share details

## Complete Share [✎](#)

Not Shared Share Delete

**DATA LAKE**  
cloudera-catalog-hue-lake-6

**CREATED BY:**

**CREATED ON:** 03/13/2026 12:56 PM CET

**LAST UPDATED:** 03/13/2026 12:56 PM CET

**EXPIRES ON:** [✎](#)  
04/12/2026 01:53 PM CET (29 days, 23 hours, 56 minutes, 57 seconds left)

**SUMMARY:** [✎](#)  
This database is a dedicated testing environment provisioned exclusively to validate the bulk-sharing performance and global access configurations of the Data Catalog. By design, all policies on this database are configured for unrestricted, multi-tenant read access. It is used to test UI responsiveness, bulk-export APIs, and zero-copy share scaling when provisioning entire schemas to all configur... [Read more](#)

**TAGS:** (2) [✎](#)  
GDPR\_PNR Commer...ential

**KEYWORDS:** (1) [✎](#)  
Complete

**TERMS & CONDITIONS:** [✎](#)  
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Search by name [Add Asset](#)

Name	Type	Database Name	Owner	Created On	Actions
<a href="#">stg_flight_manifests</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>
<a href="#">dim_aircraft</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>
<a href="#">agg_route_performance</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>
<a href="#">airlines_new</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>
<a href="#">enriched_flight_data</a>	Iceberg Table	airline_operations	csso_aszuromi	03/13/2026 12:56 PM CET	<a href="#">Remove from Share</a>

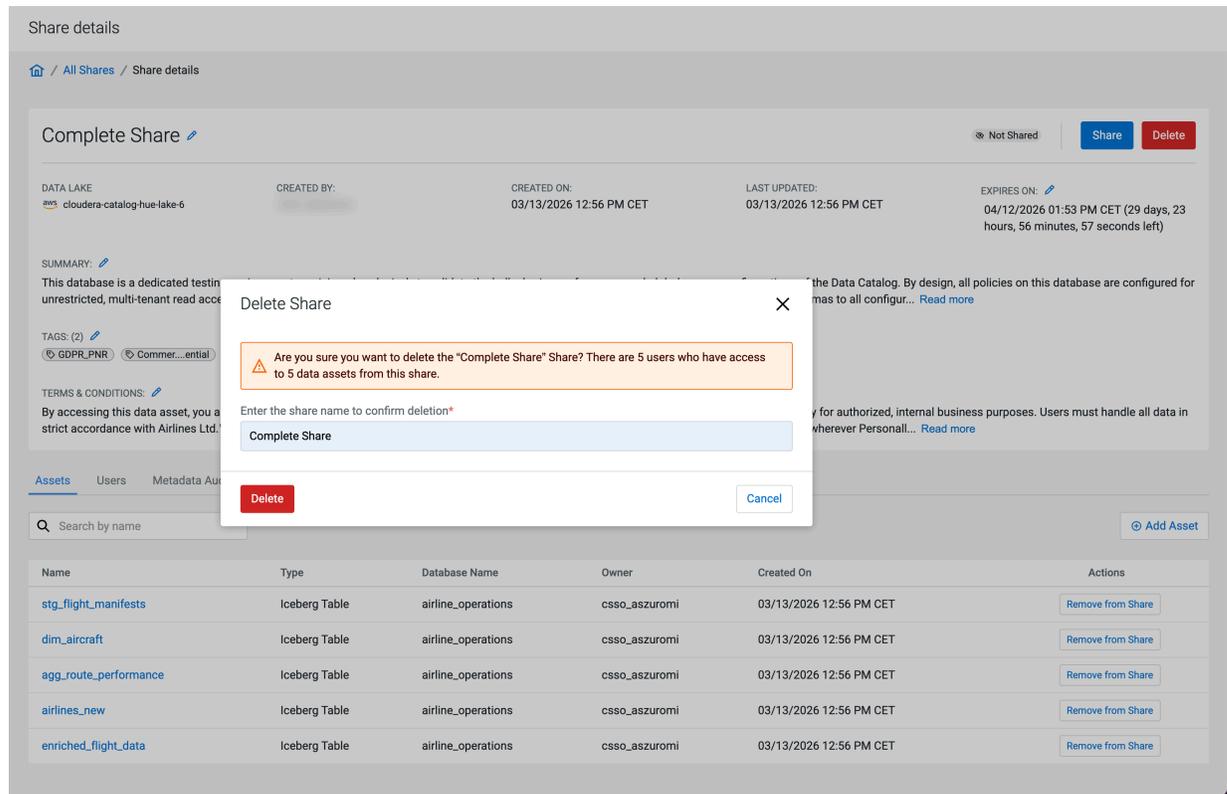
3. Click Delete on the **Share details** page.

The **Delete Share** dialog opens, warning you of the number of users and assets that will lose access.

- In the Delete Share dialog, type the exact share name in the confirmation field to enable the Delete button.

**Danger:** Deletion is permanent and cannot be undone. All users currently granted access through this Share will immediately lose access.

**Figure 27: Delete Share confirmation dialog**



- Click Delete to confirm.

## Results

The Data Share is permanently deleted. You are redirected to the **All Shares** page, where a success banner confirms the deletion.

**Figure 28: All Shares page after successful deletion**

All Shares Share Complete Share is deleted. x

### Data Sharing

You can directly share data with data consumers using external ecosystems, saving time spent on integration, to spend it rather on useful collaboration. You can tailor the access rights of your data consumers to their needs.

Data Lakes\*  
 New Share

Q Search by share name Sort By Tag Keyword Expiry Share Status x Clear All

<span style="color: red;">Not Shared</span> <b>agg_route_performance</b>	CREATED BY	ASSETS <span>1</span>	USERS <span>1</span>	CREATED ON 03/12/2026 03:24 PM CET	TAGS Aggregated Non_PII Commer...ential	KEYWORDS Partne...actors Route...lytics B2B_BI_Feed
<span style="color: green;">Shared</span> <b>airlines_new</b>	CREATED BY	ASSETS <span>1</span>	USERS <span>1</span>	CREATED ON 03/12/2026 04:09 PM CET	TAGS Reference_Data Commer...ential Non_PII	KEYWORDS Interi...illing Financ...lement SWIFT_Routing +2
<span style="color: red;">Not Shared</span> <b>dim_aircraft</b>	CREATED BY	ASSETS <span>1</span>	USERS <span>1</span>	CREATED ON 03/12/2026 03:26 PM CET	TAGS Reference_Data Public...n_Spec Operational	KEYWORDS Ground...ations Fleet_Hardware Aviati...e_Data
<span style="color: red;">Not Shared</span> <b>flight_summary_complex</b>	CREATED BY	ASSETS <span>1</span>	USERS <span>1</span>	CREATED ON 03/12/2026 03:23 PM CET	TAGS Staged GDPR_PNR Highly...ricted	KEYWORDS Border...L_Feed Regula...L_Data Passen...nifest
⚠ Share expires on: 03/13/2026 02:22 PM CET (1 hour, 17 minutes, 51 seconds left)						
<span style="color: green;">Shared</span> <b>enriched_flight_data</b>	CREATED BY	ASSETS <span>1</span>	USERS <span>1</span>	CREATED ON 03/12/2026 02:16 PM CET	TAGS Confidential Enriched GDPR_PNR	KEYWORDS Claims...dation Enrich...Roster B2B_In...e_Feed +2

### Related Information

[delete-data-share](#)

[unshare-data-share](#)

## Verifying external access to a Data Share

Confirm that a Data Share is correctly set up and accessible to an external Data Consumer by exchanging the Client ID and Secret for a Knox access token and listing the shared Iceberg tables using the Cloudera Iceberg REST Catalog API.

### About this task

After publishing a Data Share and distributing credentials to a Data Consumer, you can verify end-to-end access without a compute engine such as Spark, Snowflake, or Databricks. This procedure uses `curl` to perform two checks: it exchanges the Client ID and Secret for a short-lived Knox JWT access token, then uses that token to call the Cloudera Iceberg REST Catalog API and list the namespaces and tables that are visible to the consumer. Successful completion confirms that Knox credential exchange, Ranger authorization, and Iceberg REST routing are all functioning correctly for the Data Share.

### Before you begin

- The Data Share is published (Shared status) and the target Iceberg table has been added as an asset.
- The external user is registered and their credentials CSV file is available. For more information, see <https://docs.cloudera.com/data-catalog/cloud/data-sharing-data-catalog/topics/dc-creating-external-users.html>.
- `curl` is installed on the machine running the test.

## Procedure

1. Set your environment variables from the credentials CSV file and your Data Lake details:

```
CLIENT_ID=" [***CLIENT-ID***]"
CLIENT_SECRET=" [***CLIENT-SECRET***]"

DATALAKE_NAME=" [***YOUR-DATALAKE-NAME***]"
GATEWAY_HOST=" [***DATALAKE-MASTER-HOSTNAME***]"
TOPOLOGY="cdp-datashare-access"

BASE_URL="https://${GATEWAY_HOST}/${DATALAKE_NAME}/${TOPOLOGY}"
```

```
CLIENT_ID="e8a4239e-e3e2-4d3f-ba8d-3540ee4a895a"
CLIENT_SECRET="WlRoae5ES..."

DATALAKE_NAME="cloudera-catalog-hue-lake-6"
GATEWAY_HOST="cloudera-catalog-hue-lake-6-master0.cloudera.svbr-nqvp.int.
cldr.work"
TOPOLOGY="cdp-datashare-access"

BASE_URL="https://cloudera-catalog-hue-lake-6-master0.cloudera.svbr-nqvp.
int.cldr.work/cloudera-catalog-hue-lake-6/cdp-datashare-access"
```

2. Request a Knox JWT access token by exchanging the Client ID and Secret:

```
TOKEN_RESPONSE=$(curl -skS -X POST \
  -H "Content-Type: application/x-www-form-urlencoded" \
  --data-urlencode "grant_type=client_credentials" \
  --data-urlencode "client_id=${CLIENT_ID}" \
  --data-urlencode "client_secret=${CLIENT_SECRET}" \
  "${BASE_URL}/knoxtoken/api/v2/token")

echo $TOKEN_RESPONSE | grep -o '"expires_in":[0-9]*' | cut -d':' -f2 | awk
'{print int($1/1000)}' | xargs -I{} date -r {} "+Expires: %Y-%m-%d %H:%M:
%S %Z"
```

The expiry line confirms the token was issued and shows how long it is valid. For example: Expires: 2026-03-20 03:58:25 CET.



**Important:** If the response is an HTTP 401 with Unknown token, the Client ID is not recognized in this Knox topology. Verify that the Data Share is in Shared status and the correct credentials file was used.



**Tip:** Use the complete CLIENT\_SECRET value from the credentials file. A truncated or edited secret often results in an HTTP 400 response from the token endpoint instead of a JWT.



**Important:** `knox.token.ttl` controls the lifetime of your Knox access token received in exchange for the Client ID and Secret of your external users. Once it expires, external users need to request a new access token. For more information, see [Editing Knox topologies](#).

```
Expires: 2026-03-20 04:12:38 CET
```

A JSON response containing `access_token` and other fields confirms the credential exchange was successful.

### 3. Extract the access token value into a variable:

```
ACCESS_TOKEN=$(echo $TOKEN_RESPONSE | grep -o '"access_token": "[^"]*"' |
cut -d'"' -f4)
```

Verify the token is a clean JWT string with no surrounding JSON:

```
echo $ACCESS_TOKEN
```



**Important:** The value must be only the JWT string — three dot-separated base64 segments starting with eyJ. Do not paste the full JSON response. If ACCESS\_TOKEN is empty, check that TOKEN\_RESPONSE contains a valid JSON response from the previous step.

```
eyJqa3UiOiJodHRwczovL2Nsb3VkZXJhLWNhdGFs...
```

### 4. Verify namespace access by listing all namespaces visible to the Data Consumer:

```
curl -skS -u "Token:${ACCESS_TOKEN}" \
  "${BASE_URL}/iceberg-rest/v1/namespaces"
```

Confirm that the namespace containing your shared Iceberg table appears in the response.

```
{"namespaces": [{"airline_operations"}, {"default"}, {"information_schema"}, {"sys"}]}
```

### 5. List the tables in the target namespace to confirm the shared table is accessible:

```
TARGET_NAMESPACE=" [***TARGET-NAMESPACE***]"

curl -skS -u "Token:${ACCESS_TOKEN}" \
  "${BASE_URL}/iceberg-rest/v1/namespaces/${TARGET_NAMESPACE}/tables"
```

Verify that the shared Iceberg table name appears in the identifiers list of the response.

```
{"identifiers": [{"namespace": "airline_operations", "name": "enriched_flight_data"}]}
```

### 6. Retrieve the table metadata to confirm schema access:

```
TARGET_TABLE=" [***TARGET-TABLE***]"

curl -skS -u "Token:${ACCESS_TOKEN}" \
  "${BASE_URL}/iceberg-rest/v1/namespaces/${TARGET_NAMESPACE}/tables/${TARGET_TABLE}"
```

The response contains the full Iceberg table metadata. Confirm that the metadata.schemas[0].fields array lists the expected columns, each with a name, type, and required field.

```
{"metadata": {"schemas": [{"fields": [
  {"name": "flight_id", "type": "string", "required": false},
  {"name": "passenger_name", "type": "string", "required": false},
  {"name": "seat_assignment", "type": "string", "required": false},
  {"name": "aircraft_model", "type": "string", "required": false},
  {"name": "origin_airport", "type": "string", "required": false},
  {"name": "destination_airport", "type": "string", "required": false},
  {"name": "passenger_capacity", "type": "integer", "required": false},
  {"name": "age", "type": "integer", "required": false},
  {"name": "passport_number", "type": "string", "required": false}
]}]}
```

```
]]}], ...}
```

A JSON response with populated metadata and metadata-location fields confirms that the Data Consumer can read the table schema. The Data Share is correctly set up and externally accessible.

### Results

The external consumer's Client ID and Secret are successfully exchanged for a Knox access token, and the Cloudera Iceberg REST Catalog confirms access to the shared namespace, table, and schema. The Data Share end-to-end verification is complete.

### What to do next

Once verified, the Data Consumer can configure their Iceberg REST Catalog compatible compute engine using the same Client ID and Secret. For an example using PySpark, see the Related information.

### Related Information

[Creating a new Data Share](#)

[Creating external users](#)

[Sample Spark workload to access data](#)