

## Cloudera Data Catalog Release Notes

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## What's new

This section lists major features and updates for the Cloudera Data Catalog service.

This release of Cloudera Data Catalog on Cloudera Data Services on premises 1.5.4 includes the following features and enhancements:

- Bug fixes and other performance improvements

## Known issues

Learn about the known issues in Cloudera Data Catalog, the impact or changes to the functionality, and the workaround.

### CDPDSS-2706: Data Steward user role is not reflecting

Data Steward role is not reflecting in Control Plane.

None

### CDPDSS-3051: Profiler Jobs are not in the sorted order

Profiler jobs are incorrectly ordered when the list cannot fit into a single page under Profiler Jobs . The latest job is displayed in the last page.

### CDPDSS-3047: The profiled data is not shown for Ranger Audit Profiler

The profiled data is not shown for Ranger Audit Profiler if the active NameNode is switched over to standby.

Switch the NameNode in standby to active state. For more information on restarting nodes, see [Starting, Stopping, and Restarting Role Instances](#) or [Administrative commands](#).

### CDPDSS-3057: Failed profiler job because of missing columns in log entries.

When the logs to be profiled by the Ranger Audit Profiler have missing columns, the profiling job fails. The ranger audit profiler pod log contains the following message: Ranger Audit Profiler failed: Failed to run Ranger Audit Profiler. Error: "[*COLUMN1*', '*COLUMN2*', ...] not in index".

*COLUMN1* , *COLUMN2* show the missing column entries in the logs.

Each Ranger audit profiler job has 3 sub-jobs (identified by the same job ID prefix), any of which could fail because of the above reason. It is possible that one or even two sub-jobs pass till the above scenario is encountered.

None

### CDPDSS-3353: Profiler Configuration page is giving error, if browser's preferred language is not UK English

The Profilers Configs is may be incorrectly rendered if the web browser's preferred language is not set to en-gb.

### CDPDSS-2913: Asset Details view does not provide details of the asset - exception

Entities without lineage information may display the get lineage request failed Error from Atlas Not Found : Received 404..

### CDPDSS-3472: Profiler jobs are showing up twice when two data lakes are present

Cloudera Data Catalog does not support more than one data lakes (or base clusters). Connecting two data lakes will result in all profiler jobs showing as duplicated in the **Profilers** page.

### CDPDSS-3346: Profiler pods are stuck in init state

The CDP\_ACCESS\_KEY\_ID and CDP\_PRIVATE\_KEY keys do not receive values when upgrading from Cloudera Data Catalog 1.5.2 to 1.5.4.

1. Use the following command to restart the DSS App: `kubectl rollout restart deployment/cdp-release-dssapp -n <namespace>`
2. Delete and relaunch the profilers after the upgrade.

**CDPDSS-3381: The Ranger Audit Profiler is showing status as FINISHED/SUCCESS even though there is error with the profilers**

The Ranger Audit Profiler shows the incorrect FINISHED/SUCCESS status when the NameNode is stopped.

None

**CDPDSS-3348: Only Dataset owners should be allowed to delete their datasets**

Datasets can be deleted by anyone who can access the **Datasets** page.

None

**CDPDSS-3081: Datasets: Tenant Schema is getting passed as workload username while impersonating a user on ATLAS and Ranger API calls**

While making API calls to Apache Atlas and Apache Ranger, there is a potential bug in code where a wrong value for workloadUserName is getting passed which causes the APIs to perform an auth check with a wrong parameter, causing unwanted issues.

None

**CDPDSS-3080: Deleted Entities in Atlas cannot be removed from Datasets**

Entities deleted in Apache Atlas cannot be removed from Cloudera Data Catalog datasets.

None

**CDPDSS-3077: The Datasets Details page fails to load the list of assets**

Datasets containing deleted assets can fail to render the assets list with the following error: `pages.dataset.labels.err-undefined-msg(Error Code - undefined)`

**CDPDSS-3050: Username is not visible in Cloudera Data Catalog for the Local Administrator user**

The username for local administrator users can be hidden instead of showing in the bottom left corner of the navigation sidebar.

**CDPDSS-3049: Expanded graph is displayed on every page of the Schema tab**

In the **Asset Details** page under the **Schema** tab, the bar graph of profiled assets might stay visible for a selected asset even when moving to the next page in the list.

**CDPDSS-3048: Filtering based on Job status Finished is not working**

The profiler job filter Finished is working correctly now, displaying the relevant jobs.

**CDPDSS-3042: Edit classification is failing with guid undefined error**

Trying to edit the classifications in the **Asset Details** screen can result in the "List properties for entity request failed Error from Atlas. Not Found : Received 404. Body {\"errorCode\": \"ATLAS-404-00-005\", \"errorMessage\": \"Given instance guid undefined is invalid/not found\"}" message.

**CDPDSS-3037: Asset Details page does not highlight link for Datasets**

The **Asset Details** now correctly highlights links to Datasets.

**CDPDSS-3524: Profiler pod launch is failing with init error**

During the profiler cluster setup, when all the services pods are being deployed, Cloudera Data Catalog attempts to complete the prerequisites to set up a service and request to create a machine user. If the UMS service has not come up properly at that time, the request fails, and does not create the machine user `dp_profiler_user` required for profiling.

1. Go to **Management Console User Management Users**.
2. Search the machine user `dp_profiler_user`. Continue with the following steps, if the machine user is missing.

3. Use the following command to restart Cloudera Data Catalog: `kubectl rollout restart deployment/cdp-release-dssapp -n <***NAMESPACE***>`.
4. Delete and relaunch the profilers.

**CDPDSS-3395: Incorrect results are being displayed after navigation, when "owners" filter is selected**

In the **Search** page, when returning to the list of results after opening the **Asset Details** of one the results and repeating the search with the same filter, other entities belonging to owners different than the selected can appear.

**CDPDSS-2688: Hive Column On-demand Profiler is failing but the Asset Details page is not updated with 'Failed State'**

A failed Hive Column On-Demand Profiler job is incorrectly not updated to Failed state in Asset Details Profilers .

**CDPDSS-3509: Only power users should only be able to launch profiler and ODP profilers**

When updating the roles of a user with the role poweruser to environment user, the user is still able to start on-demand profiling jobs. Starting on-demand profiling jobs should only be available for power users, not to environment users.

## Fixed issues

This section lists the issues that have been fixed since the previous version.

**CDPDSS-2839: Hadoop version upgraded from 7.2.17.200-29 to 7.2.17.301-3**

The Hadoop version is upgraded from 7.2.17.200-29 to 7.2.17.301-3 to remediate CVE-2023-44487 and other CVE fixes are implemented as well.

**CDPDSS-2843: While upgrading to Data Services 1.5.3, an unnamed module @0x4e38d975 exception error is thrown**

The issue causing exceptions from the unnamed module, which previously necessitated a restart of the Cloudera Data Catalog pod, has been addressed.

## Cumulative hotfixes: Cloudera Data Catalog on premises

Review the cumulative hotfixes that have been shipped for Cloudera Data Catalog 1.5.4.

### Cloudera Data Catalog on premises 1.5.4-CHF1

Review the features, fixes, and known issues in the Cloudera Data Catalog 1.5.4 Cumulative hotfix 1 release.

### Fixed issues in Cloudera Data Catalog (1.5.4-CHF1)

This section lists issues fixed in this release of the Cloudera Data Catalog service.

**CDPDSS-3037: Asset Details page does not highlight link for Datasets**

The **Asset Details** now correctly highlights links to Datasets.

Datasets / Details / Asset Details

item

Properties

Type: HIVE TABLE

# of Columns: 22

Data Lake: [Data Lake](#)

Datasets: [8](#)

Owner: [hive](#)

Created On: Mon Jun 17 2024 10:01:51 GMT+0200 (Central European Summer Time)

Last Access Time: Mon Jun 17 2024 10:01:51 GMT+0200 (Central European Summer Time)

Table Type: EXTERNAL\_TABLE

Database: [test\\_dss\\_db](#)

DB Catalog: [cm](#)

Parent: [test\\_dss\\_db](#)

Qualified Name

test\_dss\_db.item@cm

Comment

+ Add Comment

Description

+ Add Description

CDPDSS-2958: Schema rows are not ordered as in their database

Rows under the **Schema** tab in **Asset Details** are ordered based on their position in their parent database.

Datasets / Details / Asset Details

OverviewSchemaMetadata AuditsPolicyAccess Audits

Q Search Column

Edit

Chart Type	Name	Type	Unique Values *	Null Values	Max	Min	Mean	Comment	Classifications	Terms
▼ <a href="#">Table</a>	<a href="#">l_item_sk</a>	int	17852	0	18,000	1	9,000.5			
▼ <a href="#">Table</a>	<a href="#">l_item_id</a>	char(16)	8713	0						
▼ <a href="#">Table</a>	<a href="#">l_rec_start_date</a>	date	4	18000						
▼ <a href="#">Table</a>	<a href="#">l_rec_end_date</a>	date	3	18000						
▼ <a href="#">Table</a>	<a href="#">l_item_desc</a>	varchar(200)	12819	0						
▼ <a href="#">Table</a>	<a href="#">l_current_price</a>	decimal(7,2)	2917	45	99.99	0.09	9.52			
▼ <a href="#">Table</a>	<a href="#">l_wholesale_cost</a>	decimal(7,2)	2137	46	87.36	0.02	5.75			
▼ <a href="#">Table</a>	<a href="#">l_brand_id</a>	int	952	44	10,016,017	1,001,001	5,502,225.27			
▼ <a href="#">Table</a>	<a href="#">l_brand</a>	char(50)	734	0						
▼ <a href="#">Table</a>	<a href="#">l_class_id</a>	int	15	35	16	1	5.45			
▼ <a href="#">Table</a>	<a href="#">l_class</a>	char(50)	93	0						
▼ <a href="#">Table</a>	<a href="#">l_category_id</a>	int	10	42	10	1	5.49			
▼ <a href="#">Table</a>	<a href="#">l_category</a>	char(50)	11	0						
▼ <a href="#">Table</a>	<a href="#">l_manufact_id</a>	int	1000	38	1,000	1	334.57			
▼ <a href="#">Table</a>	<a href="#">l_manufact</a>	char(50)	971	0						
▼ <a href="#">Table</a>	<a href="#">l_size</a>	char(20)	8	0						

CDPDSS-2959: Asset Details does not provide a link to the parent database

- Now, the parent database can be accessed via a link in **Asset Details**.
- The Qualified Name is no longer trimmed. Longer names are displayed in multiple rows.

7

Datasets / Details / Asset Details

item

**Properties**

Type: **HIVE TABLE**

# of Columns: **22**

Data Lake: **[REDACTED]**

Datasets: **8**

Owner: **hive**

Created On: **Mon Jun 17 2024 10:01:51 GMT+0200 (Cent...)**

Last Access Time: **Mon Jun 17 2024 10:01:51 GMT+0200...**

Table Type: **EXTERNAL\_TABLE**

Database: **test\_dss\_db**

DB Catalog: **cm**

Parent: **test\_dss\_db**

**Asset Type: HIVE DB**

**Qualified Name**

test\_dss\_db.item@cm

**Comment**

+ Add Comment

**Description**

+ Add Description

**CDPDSS-2923: Improvements for the Dataset Detail page when adding assets to a Dataset**

1. The Search button is already active after the search terms are entered but before the Enter key is hit.
2. Now, clicking Reset clears all the fields.
3. Already added assets are clearly marked with a check mark as added and non-editable.
4. When adding new assets to the Dataset, the Add and Done buttons are no longer hidden while the page is waiting for the API response.
5. The Description column is added to include the Datasets Details menu. The value of the Description field is the same as in Asset Details.

Datasets / Details

Search

Q Test Search

Created: Whenever | Owner: Enter Owner | DB Name: Enter DB Name | Tags: Table Tag | Enter Table Tag

Search 1 | Reset 2

Results

	Name	Database Name	Description 5	Asset Type	Owner	Created Time
<input type="checkbox"/>	atlas_janus	default:atlas_janus@cm	atlas_janus	hbase	atlas	Thu Jan 01 1970
<input type="checkbox"/>	hbase:acl	hbase:acl@cm	hbase:acl	hbase	hbase	Tue Jun 09 2020
<input type="checkbox"/>	t1	default:t1@cm	t1	hbase	hbase	Tue Jun 09 2020
<input type="checkbox"/>	t2	default:t2@cm	t2	hbase	hbase	Tue Jun 09 2020
<input checked="" type="checkbox"/>	ATLAS_ENTITY_AUDIT...	default:ATLAS_ENTITY...	ATLAS_ENTITY_AUDIT_EVENTS	hbase	atlas	Fri Jun 05 2020
<input checked="" type="checkbox"/>	* persons	personal_data	-NA-	hive	hive	Mon Jun 17 2024
<input type="checkbox"/>	time_dim	test_dss_db	-NA-	hive	hive	Mon Jun 17 2024
<input checked="" type="checkbox"/>	* ship_mode	test_dss_db	-NA-	hive	hive	Mon Jun 17 2024
<input checked="" type="checkbox"/>	* income_band	test_dss_db	-NA-	hive	hive	Mon Jun 17 2024
<input checked="" type="checkbox"/>	* reasonn	test_risc_rh	-NA-	hive	hive	Mon Jun 17 2024

\* Few assets listed above are already part of the collection.

Rows per page: 20 | 1 - 20 of 20 | < >

Add 3 | Done 4

**CDPDSS-3042: Edit classification is failing with guid undefined error**

Trying to edit the classifications in the **Asset Details** screen no longer results in the "List properties for entity request failed Error from Atlas. Not Found : Received 404. Body {"errorCode": "ATLAS-404-00-005", "errorMessage": "Given instance guid undefined is invalid/not found"}" message.

**CDPDSS-3049: Expanded graph is displayed on every page of the Schema tab**



Previously, in the **Asset Details** page under the **Schema** tab, the bar graph of profiled assets might stayed visible for a selected asset even when moving to the next page in the list. Now, changing the page correctly closes the previously selected asset, and only displays the assets in the active page.

**CDPDSS-3050: Username is not visible in Cloudera Data Catalog for the Local Administrator user**

The username for local administrator users is no longer hidden. It is shown in the bottom left corner of the navigation sidebar.

**CDPDSS-3048: Filtering based on Job status Finished is not working**

The profiler job filter Finished is working correctly now, displaying the relevant jobs.

**CDPDSS-3047: Not able to see the profiled data of Ranger Audit Profiler if the Active NameNode is switched over to standby**

The profiled data is shown correctly now after the Ranger Audit Profiler is run.

**CDPDSS-3051: Profiler Jobs are not in the sorted order**

Profiler jobs are correctly ordered from newest to oldest when the list cannot fit into a single page under Profiler Jobs .

**CDPDSS-3077: The Datasets Details page fails to load the list of assets**

Datasets containing deleted assets no longer fail to render the assets list with the following error: pages.dataset.labels.err-undefined-msg(Error Code - undefined)

## Known issues in Cloudera Data Catalog (1.5.4-CHF1)

This section lists issues fixed in this release of the Cloudera Data Catalog service.

**CDPDSS-3346: Profiler pods are stuck in init state**

The CDP\_ACCESS\_KEY\_ID and CDP\_PRIVATE\_KEY keys do not receive values when upgrading from Cloudera Data Catalog 1.5.2 to 1.5.4.

1. Use the following command to restart the DSS App: `kubectl rollout restart deployment/cdp-release-dssapp -n <namespace>`
2. Delete and relaunch the profilers after the upgrade.

**CDPDSS-3353: Profiler Configuration page is giving error, if browser's preferred language is not UK English**

The Profilers Configs is may be incorrectly rendered if the web browser's preferred language is not set to en-gb.

**CDPDSS-2913: Asset Details view does not provide details of the asset - exception**

Entities without lineage information may display the get lineage request failed Error from Atlas Not Found : Received 404..

**CDPDSS-3475: Not able to see the profiled data of 'Ranger Audit Profiler' if the Active NN (NameNode) switched over to standby**

When the ActiveNN is set to Standby and the StandbyNN is set to Active, the profiled data of the Ranger Audit Profiler is not visible in **Asset Details** for any Hive asset.

Due to an exception in the pod logs, the job status was previously being marked as successful. As a result, the audit job assumed that no log files were available for profiling. To resolve this, the job status should be marked as failed when the exception occurs.

**CDPDSS-3057: Failed profiler job because of missing columns in log entries.**

When the logs to be profiled by the Ranger Audit Profiler have missing columns, the profiling job fails. The ranger audit profiler pod log contains the following message: Ranger Audit Profiler failed: Failed to run Ranger Audit Profiler. Error: "[ 'COLUMN1', 'COLUMN2', ... ] not in index".

*COLUMN1*, *COLUMN2* show the missing column entries in the logs.

Each Ranger audit profiler job has 3 sub-jobs (identified by the same job ID prefix), any of which could fail because of the above reason. It is possible that one or even two sub-jobs pass till the above scenario is encountered.

None

**CDPDSS-3472: Profiler jobs are showing up twice when two data lakes are present**

Cloudera Data Catalog does not support more than one data lakes (or base clusters). Connecting two data lakes will result in all profiler jobs showing as duplicated in the **Profilers** page.

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**CDPDSS-3381: The Ranger Audit Profiler is showing status as FINISHED/SUCCESS even though there is error with the profilers**

The Ranger Audit Profiler shows the incorrect FINISHED/SUCCESS status when the NameNode is stopped.

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**CDPDSS-3348: Only Dataset owners should be allowed to delete their datasets**

Datasets can be deleted by anyone who can access the **Datasets** page.

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In the **Search** page, when returning to the list of results after opening the **Asset Details** of one the results and repeating the search with the same filter, other entities belonging to owners different than the selected can appear.

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**CDPDSS-3509: Only power users should only be able to launch profiler and ODP profilers**

When updating the roles of a user with the role poweruser to environment user, the user is still able to start on-demand profiling jobs. Starting on-demand profiling jobs should only be available for power users, not to environment users.

## Cloudera Data Catalog on premises 1.5.4-CHF3

Review the features, fixes, and known issues in the Cloudera Data Catalog 1.5.4 Cumulative hotfix 3 release.

### Known issues in Cloudera Data Catalog (1.5.4-CHF3)

This section lists issues fixed in this release of the Cloudera Data Catalog service.

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## Apache Parquet CVE-2025-30065

Cloudera released a hotfix for Cloudera Data Services on premises 1.5.4 SP2 and newer to address a critical vulnerability in the parquet-avro module of Apache Parquet.

### Background:

On April 1, 2025, a critical vulnerability in the parquet-avro module of Apache Parquet ([CVE-2025-30065](#), [CVSS score 10.0](#)) was announced.

Cloudera has determined the list of affected products, and is issuing this TSB to provide details of remediation for affected versions.

Upgraded versions are being released for all currently affected [supported releases](#) of Cloudera products. Customers using older versions are advised to upgrade to a [supported release](#) that has the remediation, once it becomes available.

### Vulnerability Details:

Exploiting this vulnerability is only possible by modifying the accepted schema used for translating Parquet files and subsequently submitting a specifically crafted malicious file.

[CVE-2025-30065](#) | Schema parsing in the parquet-avro module of Apache Parquet 1.15.0 and previous versions allows bad actors to execute arbitrary code.

### CVE:NVD - CVE-2025-30065

Severity (Critical):

[CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H](#)

### Impact:

Schema parsing in the parquet-avro module of Apache Parquet 1.15.0 and previous versions allows bad actors to execute arbitrary code. Attackers may be able to modify unexpected objects or data that was assumed to be safe from modification. Deserialized data or code could be modified without using the provided accessor functions, or unexpected functions could be invoked.

Deserialization vulnerabilities most commonly lead to undefined behavior, such as memory modification or remote code execution.

**Addressed in release:**

Upgrade to the following release containing the fix:

- Cloudera Data Services on premises (formerly Private Cloud Data Services)
  - 1.5.4 SP2 Hotfix



**Note:** Supported only on 7.1.9 SP1 CHF8 and 7.1.7 SP3 CHF10

For the latest update on this issue, see the corresponding Knowledge article:

- [Cloudera Customer Advisory 2025-847: Cloudera's remediation actions for Apache Parquet CVE-2025-30065](#)

## Service Packs: Cloudera Data Catalog on on premises

Review the Service pack features and issues for Cloudera Data Catalog 1.5.4.

### Cloudera Data Catalog 1.5.4 SP1

Review the features, fixes, and known issues in the Cloudera Data Catalog 1.5.4 Service Pack 1 release.

#### What's new in 1.5.4 SP1

This section lists major features and updates for the Cloudera Data Catalog service.

This release of Cloudera Data Catalog on Cloudera Data Services on premises 1.5.4 SP1 includes the following features and enhancements:

- Bug fixes
- Datasets can only be deleted by their creators following this release.
- You can hover over the **Comment** field for individual schema entries in **Asset Details** to preview longer comments without opening them.
- The security of Cloudera Data Catalog is improved. Now our services run with the following security context:

```
'containers[].securityContext.allowPrivilegeEscalation' to 'false'.  
'containers[].securityContext.runAsUser' to an integer > 1000000.  
'containers[].securityContext.readOnlyRootFilesystem' to 'true'
```

#### Fixed issues in 1.5.4 SP1

This section lists the issues that have been fixed since the previous version.

**CDPDSS-3395: Incorrect results are being displayed after navigation, when "owners" filter is selected**

In the **Search** page, returning to the list of results after opening the **Asset Details** of one the results and repeating the search with the same filter, other entities belonging to owners different than the selected no longer appear. Only entities belonging to the selected owners are displayed.

**CDPDSS-3081: Datasets: Tenant Schema is getting passed as workload username while impersonating a user on ATLAS and Ranger API calls**

Before the update, while making API calls to Apache Atlas and Apache Ranger, there was a potential bug in code wherein a wrong value for workloadUserName was getting passed which caused APIs to perform an auth check with a wrong parameter, causing unwanted issues.

**CDPDSS-3169: Asset Details Page - Optimized API to avoid 504 Error**

An **Asset Details** page with only a few assets (Hive table) was unable to open the Hive table assets which had around 2000 columns or more. The number of columns was causing the timeout. Optimizing the API calls related to **Asset Details** led to improved performance and avoiding potential 504 errors when opening assets.

**CDPDSS-3080: Deleted Entities in Atlas cannot be removed from Datasets**

Entities deleted in Apache Atlas can be removed from Cloudera Data Catalog datasets.

**CDPDSS-3366: Asset Details is distorted with very long description**

After the update, the very long strings in the **Description** field are trimmed and no longer distort **Asset Details** by being displayed in full length.

**CDPDSS-3351: Unable to see comments on the Hive columns in Asset Details**

Full comments can be displayed in **Asset Details** while hovering over the **Comment** field compared to the earlier limited view.

**CDPDSS-2688: Hive Column On-demand Profiler is failing but the Asset Details page is not updated with 'Failed State'**

A failed Hive Column On-Demand Profiler job is correctly displayed as failed in **Asset Details** Profilers .

**CDPDSS-3353: Profiler Configuration page is giving error, if browser's preferred language is not UK English**

The **Profilers Configs** is correctly rendered even if the web browser's preferred language is not set to en-gb.

**CDPDSS-2913: Asset Details view does not provide details of the asset - exception**

Entities without lineage information no longer display the get lineage request failed Error from Atlas Not Found : Received 404..

**CDPDSS-3381: The Ranger Audit Profiler is showing status as FINISHED/SUCCESS even though there is error with the profilers**

After the update, the Ranger Audit Profiler shows the correct status when the NameNode is stopped, and it is no longer stuck in FINISHED.

**CDPDSS-3348: Only Dataset owners should be allowed to delete their datasets**

Datasets can be deleted only by their creators.

## Known issues in 1.5.4 SP1

Learn about the known issues in Cloudera Data Catalog, the impact or changes to the functionality, and the workaround.

**CDPDSS-3057: Failed profiler job because of missing columns in log entries.**

When the logs to be profiled by the Ranger Audit Profiler have missing columns, the profiling job fails. The ranger audit profiler pod log contains the following message: Ranger Audit Profiler failed: Failed to run Ranger Audit Profiler. Error: "[*COLUMN1*, '*COLUMN2*', ...] not in index".

*COLUMN1*, *COLUMN2* show the missing column entries in the logs.

Each Ranger audit profiler job has 3 sub-jobs (identified by the same job ID prefix), any of which could fail because of the above reason. It is possible that one or even two sub-jobs pass till the above scenario is encountered.

None

**CDPDSS-3472: Profiler jobs are showing up twice when two data lakes are present**

Cloudera Data Catalog does not support more than one data lakes (or base clusters). Connecting two data lakes will result in all profiler jobs showing as duplicated in the **Profilers** page.

None

**CDPDSS-3665: download-search-result API failing in a Cloudera Data Catalog on premises deployment**

In the Search page, clicking the Download CSV button can result in a HTTP 500: Read-only file system.

1. Edit the deployment configuration for cdp-release-dssapp in the specified namespace:

```
kubectl edit deployment cdp-release-dssapp -n ***NAMESPACE***
```

2. Set allowPrivilegeEscalation to false within securityContext for the container:

```
securityContext:
  allowPrivilegeEscalation: false
```

3. Save and exit your editor.
4. Verify the changes have been applied by describing the deployment:

```
kubectl get deployment cdp-release-dssapp -n ***NAMESPACE*** -o yaml | grep -A 5 securityContext
```

5. Restart the pods to apply the changes:

```
kubectl rollout restart deployment cdp-release-dssapp -n ***NAMESPACE***
```

#### CDPDSS-3346: Profiler pods are stuck in init state

The CDP\_ACCESS\_KEY\_ID and CDP\_PRIVATE\_KEY keys do not receive values when upgrading from Cloudera Data Catalog 1.5.2 to 1.5.4.

1. Use the following command to restart the DSS App: `kubectl rollout restart deployment/cdp-release-dssapp -n <namespace>`
2. Delete and relaunch the profilers after the upgrade.

#### CDPDSS-3524: Profiler pod launch is failing with init error

During the profiler cluster setup, when all the services pods are being deployed, Cloudera Data Catalog attempts to complete the prerequisites to set up a service and request to create a machine user. If the UMS service has not come up properly at that time, the request fails, and does not create the machine user `dp_profiler_user` required for profiling.

1. Go to Management Console User Management Users .
2. Search the machine user `dp_profiler_user`. Continue with the following steps, if the machine user is missing.
3. Use the following command to restart Cloudera Data Catalog: `kubectl rollout restart deployment/cdp-release-dssapp -n <namespace>`.
4. Delete and relaunch the profilers.

#### CDPDSS-3509: Only power users should only be able to launch profiler and ODP profilers

When updating the roles of a user with the role `poweruser` to `environment user`, the user is still able to start on-demand profiling jobs. Starting on-demand profiling jobs should only be available for power users, not to environment users.

## Cloudera Data Catalog 1.5.4 SP2

Review the features, fixes, and known issues in the Cloudera Data Catalog 1.5.4 Service Pack 2 release.

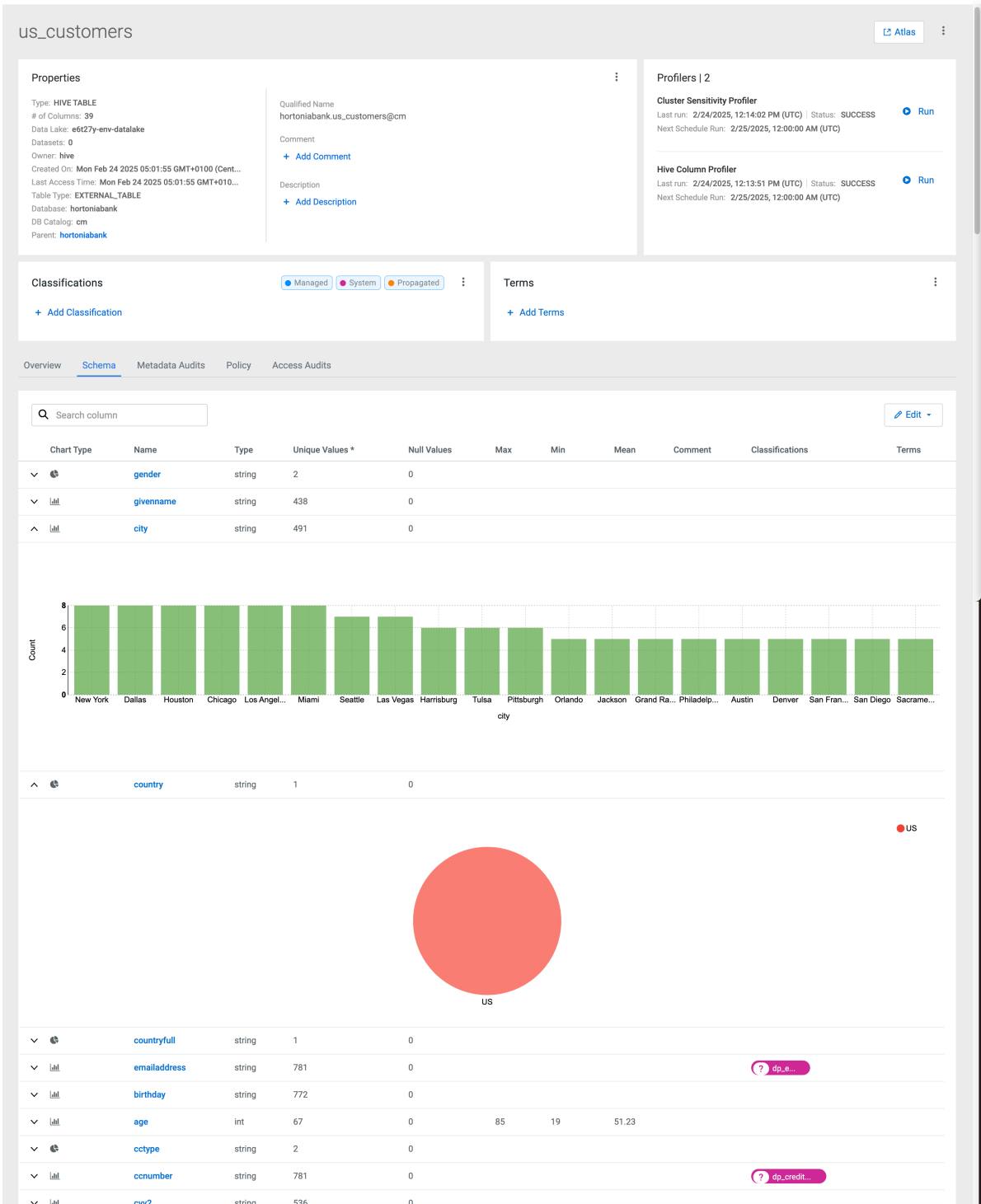
### What's new in 1.5.4 SP2

This section lists major features and updates for the Cloudera Data Catalog service.

This release of Cloudera Data Catalog on Cloudera Data Services on premises 1.5.4 SP2 includes the following enhancement:

- Bug fixes
- For Hive tables, the **Schema** tab is updated in **Asset Details** which can be reached from **Search**:
  - Multiple rows of the Hive Column Profiler results can be expanded at the same time.
  - Rows can display the applicable bar and pie chart.

Asset Details



**Fixed issues in 1.5.4 SP2**

This section lists the issues that have been fixed in 1.5.4 SP2.

**CDPDSS-3665: download-search-result API failing in a Cloudera Data Catalog on premises deployment**



In the Search page, the Download CSV button correctly downloads the search results after the update.

**CDPDSS-3567: 504 Error on clicking Atlas Tags when data lake access is missing**

After the update, the **Atlas Tag** menu can be successfully opened even without selecting a data lake.

**Known issues in 1.5.4 SP2**

Learn about the known issues in Cloudera Data Catalog, the impact or changes to the functionality, and the workaround.

**CDPDSS-3346: Profiler pods are stuck in init state**

The CDP\_ACCESS\_KEY\_ID and CDP\_PRIVATE\_KEY keys do not receive values when upgrading from Cloudera Data Catalog 1.5.2 to 1.5.4.

1. Use the following command to restart the DSS App: `kubectl rollout restart deployment/cdp-release-dssapp -n <namespace>`
2. Delete and relaunch the profilers after the upgrade.

**CDPDSS-3057: Failed profiler job because of missing columns in log entries.**

When the logs to be profiled by the Ranger Audit Profiler have missing columns, the profiling job fails. The ranger audit profiler pod log contains the following message: Ranger Audit Profiler failed: Failed to run Ranger Audit Profiler. Error: "[*COLUMN1*', '*COLUMN2*', ...] not in index".

*COLUMN1*, *COLUMN2* show the missing column entries in the logs.

Each Ranger audit profiler job has 3 sub-jobs (identified by the same job ID prefix), any of which could fail because of the above reason. It is possible that one or even two sub-jobs pass till the above scenario is encountered.

None

**CDPDSS-3472: Profiler jobs are showing up twice when two data lakes are present**

Cloudera Data Catalog does not support more than one data lakes (or base clusters). Connecting two data lakes will result in all profiler jobs showing as duplicated in the **Profilers** page.

None

**CDPDSS-3509: Only power users should only be able to launch profiler and ODP profilers**

When updating the roles of a user with the role poweruser to environment user, the user is still able to start on-demand profiling jobs. Starting on-demand profiling jobs should only be available for power users, not to environment users.