



Collibra Data Intelligence Cloud

# Release Notes of FedRAMP-certified features

## Collibra Data Intelligence Cloud - Release Notes of FedRAMP-certified features

Release date: April 10, 2022

Revision date: Wed May 04, 2022

You can find the most up-to-date technical documentation on our Documentation Center at

[https://productresources.collibra.com/docs/collibra/latest/Content/ReleaseNotes/to\\_rn-landing-page.htm](https://productresources.collibra.com/docs/collibra/latest/Content/ReleaseNotes/to_rn-landing-page.htm)

# Announcements

## End of maintenance support on-premises environments

To continue to focus on the world-class cloud experience you deserve, Collibra will end maintenance support for on-premises environments on **December 31, 2022**. To discuss the next steps for your migration to cloud, please contact your customer success manager.

Please note this notification is not applicable for our Federal Government customers, [click here](#) for more information.

## End of life for Collibra Connect

We have made the decision to transition away from Collibra Connect to provide customers a wider range of integration options.

Our native Collibra integrations (connectors) will be easier to implement and maintain, provide a better return on investment, and allow you to grow with and derive greater value from Collibra:

- Collibra integrations and Spring Boot based frameworks will replace Collibra Connect as options to build integrations going forward.
- You can choose any ESB or integration method for your use case.
- Our intention is to enable Collibra connectors to support ingestion as well as use cases for data profiling, data classification and other cloud functionalities.
- If you have an enterprise MuleSoft license, you can easily switch to it. For details on how to switch from Connect licenses to MuleSoft licenses see this [Collibra Support article](#).

Rest assured Connect templates are and will remain compatible with our product, please [contact us](#) for any Connect-related question. Only support or any upgrades on these products will be discontinued.

Note As of September 2022, you will need a MuleSoft Community Edition license or your own proprietary paid license to run Connect templates.

Resources:

- [Spring Boot library](#).
- [Spring Boot templates](#).
- [Custom integrations](#).
- [Learn more](#) about different methods to build integrations.

## RedHat Enterprise Linux 7 and CentOS 7 are no longer supported

A new Edge site on K3S can no longer be installed on RedHat Enterprise Linux 7.x and CentOS 7.x. Upgrade your operating system for existing Edge sites before Collibra release **2022.06**.

# Collibra Data Intelligence Cloud

The content of this section is only available for Collibra Data Intelligence Cloud. For the release notes of on-premises Collibra Data Governance Center, see [Collibra Data Governance Center On-Premises](#).

**Tip** Please upgrade any on-premises Jobserver that interacts with Collibra 2022.04 to [version 2022.2.3-58](#).

**Note** Some items included in this release may require an additional cost. Please contact your Collibra representative or Customer Success Manager with any questions.

## Release 2022.04

This release is the Collibra Data Intelligence Cloud release. The corresponding on-premises Collibra Data Governance Center version is 5.7.12.

Features and enhancements that are marked with **cloud-only** will never become available for on-premises environments.

## 2022.04

- [Release information](#)
- [Metamodel changes](#)
- [Enhancements](#)
- [Fixes](#)
- [Patches](#)

## Release information

- Release date of 2022.04.0: April 10, 2022
  - Upgrade non-production environments: April 10, 2022
  - Upgrade production environments: May 1, 2022
- Release date of 2022.04.1: May 8, 2022

## Metamodel Changes

- We have renamed the S3 Catalog domain type to Storage Catalog.
- We have moved the following packaged asset types:
  - S3 File System is now a subset of File Storage.
  - S3 Bucket is now a subset of File Container.
  - Directory is now a subset of File Container.
- We have added the following new packaged asset types:
  - GCS File System: An asset type that represents Google Cloud Storage file system as a subset of Technology Asset → System → File Storage.
  - GCS Bucket: An asset type that represents a Google Cloud Storage bucket as a subset of Technology Asset → File Container.
  - File Storage: An asset type that represents a Cloud File Storage bucket as a subset of Technology Asset → System.
  - File Container: An asset type that represents Cloud File Container as a subset of Technology Asset.

## Enhancements

### Data Lineage and BI integrations

- You can now use a databaseMapping property in your Tableau <source ID> configuration file, to map a Tableau technical database name to the real database name.
- Collibra Data Lineage now supports calculated fields for embedded data sources that are published.

## Search

- The Status facet is now a multi-select facet, meaning that when you are filtering search results, you can now simultaneously filter on more than one asset status.

## Security

- The user input in the default email templates is now encrypted. Unsafe characters are replaced with safe versions.

## Miscellaneous

- Azul Zulu JRE (Java Runtime Environment) is updated to version 8.0.322. Jobserver has also been upgraded to version 2022.2.3-58 to support this JRE version. (ticket #83442)

## Fixes

### Data Catalog

- Jobserver jobs that fail during the finalization step now receive the status Failed instead of running indefinitely. (ticket #82221)
- If you try to synchronize a Database asset with no assigned Owner, Collibra now shows an adequate error message. (ticket #81206)
- If you modify the refresh schedule or the profiling / sampling options of Schema assets, Collibra no longer tests the connection to the data source via Jobserver. (ticket #77126, 80740)
- Attributes containing plain text with special characters (<>) now expand correctly in tables, also when Catalog experience is disabled. (ticket #72613)

### Data Lineage and BI integrations

- When providing connection definitions for Informatica PowerCenter, the dbname property is no longer case-sensitive. (ticket #81810)

- When integrating Informatica PowerCenter, Collibra Data Lineage now replaces parameters starting with a single "\$" inside extracted queries. (ticket #83807)
- When integrating Informatica PowerCenter, Collibra Data Lineage now correctly creates a technical lineage when useCollibraSystemName is set to true. (ticket #81721)
- When harvesting parameter files in Informatica Intelligent Cloud Services data sources, parameters (including those with numbers in their names) in SQL overrides are now correctly matched. (ticket #73786)
- The Teradata JDBC driver is now upgraded to version 17.10.00.27.
- The MySQL JDBC driver is now upgraded to version 8.0.28.
- The lineage harvester now supports InOut parameters for mapping tasks when harvesting metadata from Informatica Intelligent Cloud Services data sources. The parameters are now loaded and their values are used to replace variables in custom SQL queries. (ticket #80090)
- The ingestion of Tableau Worksheets and Tableau Dashboards no longer results in an error when the external system ID already exists in Data Catalog.
- The display name for Looker Data Set assets now uses the 'label' property, which provides an easier-to-read name.
- The Collibra Data Lineage servers now benefit from the following parsing enhancements when integrating Snowflake data sources (ticket #85490):
  - Support for CONNECT BY after WHERE clause.
  - Support for TOP.
- Fixed an issue that resulted in a parsing error indicating that the useCollibraSystemName property was set to "true", when it was set to "false". (ticket #82448)
- Fixed an issue in the REST API pagination.
- Fixed an issue in the lineage harvester that was causing random occurrences of newline characters in ingested Teradata objects.
- After synchronizing a data source, the time is now accurately shown in the Last sync time column on the Sources tab page. (ticket #82213)

## Data Governance

- You can once again open communities in a new tab page from a link. (ticket #80081, 81342)
- You can once again clear date attributes using the Clear button. (ticket #77838)

- You can now only create assets in a domain whose type is allowed in the asset type's assignment. (ticket #72942)
- The Pictures table once again refreshes automatically.
- The Automatic Hyperlinking feature now handles special characters such as hyphens and slashes better. (ticket #80158)
- In the history of a community, domain or asset, if you select a user other than the signed-in user as the Who filter, and then apply an Action filter, the history of the selected user is now shown, instead of the signed-in user.
- Fixed an issue with the pagination of asset tables when you open the preview pane.
- Fixed an issue with the Load More button on the History page.
- Fixed an issue with inherited permissions, where all relevant domains are again available when moving assets. (#81272, 81501, 81592, 81612, 81727, 81794, 82017, 82327, 82418, 82630, 83593, 83601, 83922, 83970, 84768, 84828, 85060, 85470, 85572)
- Fixed an issue which caused incorrect Last Login data time to be shown in exported CSV.
- Fixed an issue in the Complex Relation Type field when importing complex relations. (ticket #75736)

## Diagrams

- [Sharing](#) diagram pictures no longer results in an error.
- Diagram overlays and the Preview pane now show dates in the same time zone. (ticket #78000)

## Security

- A CSRF token is no longer missing from the response when no cookies are set for the auth/session API. (ticket #83781, 83808, 83822, 83862, 83892, 83920, 84009, 84054, 84164, 84182, 84455, 84767)

## API

- The REST API endpoint GET/responsibilities now returns the expected results when specifying "type=RESOURCE". (ticket #69322)

- You can again use the 'BETWEEN' filter in the Output Module. (ticket #83068, 83202)
- Retrieving relations or complex relations in batches using the REST or Java APIs no longer creates overlapping content in the results. (ticket #80323)

## Patches

### Patch 1

- Asset tables can again accommodate more than 10,000 assets. (tickets #81689, 85774, 86242, 86315, 86529, 86614, 86657, 86660, 86717, 86887, 87492, 87535)

### Lineage harvester patch 1

- You can now use the optional `concurrencyLevel` property in the lineage harvester configuration file, to specify the internal sizing, meaning the amount of tasks that can be executed at the same time. (tickets #82323, 85617)
- The PostgreSQL JDBC driver is now upgraded from 42.3.2 to 42.3.3.
- The lineage harvester no longer hangs when harvesting metadata from certain data sources.
- The lineage harvester automatically refreshes Tableau tokens. (tickets #82323, 85617)
- The Apache Hive JDBC driver is now upgraded from 2.6.17.1020 to 2.6.19.2022.

# Compatibility

For more information on the system requirements for on-premises installations, see [System requirements](#).

You can download all the necessary files for this release on the [Collibra Downloads page](#).



## Supported web browsers

Browser	Version
Mozilla Firefox	52.4.1 or newer
Google Chrome	31 or newer
Microsoft Edge	All versions

## Compatibility between Jobserver and Collibra

The following table shows which Jobserver version you have to use for each Collibra Data Intelligence Cloud version.

For Collibra Data Intelligence Cloud version...	use Jobserver-only on-premises version	or Full on-premises installer version
<ul style="list-style-type: none"><li>• 2022.04</li><li>• 2022.03</li><li>• 2022.02</li></ul>	2022.2.3-58	5.7.12-2
<ul style="list-style-type: none"><li>• 2022.01</li><li>• 2021.11</li></ul>	2021.11.3-77	5.7.11
<ul style="list-style-type: none"><li>• 2021.10</li><li>• 2021.09</li></ul>	2021.09.0-51	5.7.10
<ul style="list-style-type: none"><li>• 2021.07</li><li>• 2021.06</li><li>• 2021.05</li></ul>	2021.05.0-13	5.7.9

For Collibra Data Intelligence Cloud version...	use Jobserver-only on-premises version	or Full on-premises installer version
<ul style="list-style-type: none"> <li>• 2021.04</li> <li>• 2021.03</li> </ul>	2021.03.0-38	5.7.8
<ul style="list-style-type: none"> <li>• 2021.01</li> <li>• 2020.12</li> <li>• 2020.11</li> </ul>	2020.11.2-42	5.7.7
<ul style="list-style-type: none"> <li>• 2020.10</li> </ul>	n/a	5.7.6

## Compatibility between cloud and on-premises versions

We are releasing Collibra Data Intelligence Cloud environments on a monthly basis and Collibra Data Governance Center environments (on-premises) on a quarterly basis.

A quarterly on-premises release includes all fixes and features, unless it is a cloud-only feature, of the previous monthly cloud releases. For example, on-premises version 5.7.7 includes all fixes and features of 2020.09 to 2020.11.

The following table shows the compatibility between the cloud and on-premises versions:

Collibra Data Governance Center version...	contains the content of Collibra Data Intelligence Cloud versions...
5.7.7 (released with 2020.11)	2020.09, 2020.10, 2020.11
5.7.8 (released with 2021.03)	2020.12, 2021.01, 2021.03
5.7.9 (released with 2021.05)	2021.04, 2021.05
5.7.10 (released with 2021.09)	2021.06, 2021.07, 2021.09

Collibra Data Governance Center version...	contains the content of Collibra Data Intelligence Cloud versions...
5.7.11 (released with 2021.11)	2021.10, 2021.11
5.7.12 (released with 2022.02)	2022.01, 2022.02
5.7.13 (released with 2022.05)	2022.03, 2022.04

## Backups

You can also restore backups from a cloud environment on an on-premises environment as long as the cloud version is not newer than the on-premises environment. The following table shows which cloud backups you can restore on which on-premises version.

If you are running Collibra Data Governance Center version...	you can restore backups from Collibra Data Intelligence Cloud version...
5.7.7 (released with 2020.11)	2020.11 and older
5.7.8 (released with 2021.03)	2021.03
5.7.9 (released with 2021.05)	2021.05 and older
5.7.10 (released with 2021.09)	2021.09 and older
5.7.11 (released with 2021.11)	2021.11 and older
5.7.12 (released with 2022.02)	2022.02 and older
5.7.13 (released with 2022.05)	2022.05 and older

If you are running Collibra Data Intelligence Cloud version...	you can restore backups from Collibra Data Governance Center version...
2020.09, 2020.10, 2020.11	5.7.7 and older
2020.12, 2021.01, 2021.03	5.7.8 and older
2021.04, 2021.05	5.7.9 and older
2021.06, 2021.07, 2021.09	5.7.10 and older
2021.10, 2021.11	5.7.11 and older
2022.01, 2022.02	5.7.12 and older
2022.03, 2022.04	5.7.13 and older (to be released with the 2022.05 release)

## Feature availability

Not all features are enabled by default. Some features can be enabled by the customer, others only by Collibra. The following table gives you an overview of features that are not enabled by default. If **Enable by customer** is active, you can enable the feature in Collibra Console, if not, you have to submit a support ticket to enable the feature.

Feature	Must be enabled by Collibra	Must be enabled by customer	Planned version to become enabled by default
Assessments	No	Yes	Is enabled by default.
Edge usage	No	Yes	2021.09

Feature	Must be enabled by Collibra	Must be enabled by customer	Planned version to become enabled by default
Enable the Data Quality extraction tab on a database asset	No	Yes	Not yet defined
Enable responsibility inheritance from higher levels in Table asset views	No	Yes	Not yet defined
New settings landing page in Collibra	No	Yes	2021.10
Refreshed navigation	No	Yes	2021.11
Register data source via Edge	No	Yes	Not yet defined
Disable custom validation functions to reduce security risks.	Yes	No	Not yet defined
Enable the Lineage tab on a database asset	Yes	No	Not yet defined
Enable the Profiling tab on a database asset	Yes	No	Not yet defined
Filter rules on a database asset	Yes	No	Not yet defined
Locally managed groups	Yes	No	Not yet defined

## Overview build numbers

For 5.7 versions older than 5.7.7, there is a difference between the build number that is shown in Collibra Data Governance Center and in Collibra Console. For those versions,

the installation files have the build number that is shown in Collibra Console. The installer contains among other files, the Collibra package, which has a different build number. This is the build number that is shown in Collibra.

These are the build numbers of all 5.7 releases prior to 5.7.7:

Installer build number	Collibra build number
5.7.0-60	5.7.0-59
5.7.1-19	5.7.1-20
5.7.1-23	5.7.1-22
5.7.2-4	5.7.2-3
5.7.2-9	5.7.2-8
5.7.2-13	5.7.2-12
5.7.2-14	5.7.2-12
5.7.2-16	5.7.2-14
5.7.3-25	5.7.3-19
5.7.4-14	5.7.4-10
5.7.4-20	5.7.4-18
5.7.4-22	5.7.4-20
5.7.4-26	5.7.4-22
5.7.4-29	5.7.4-26
5.7.4-39	5.7.4-40

Installer build number	Collibra build number
5.7.4-42	5.7.4-43
5.7.5-44	5.7.5-46
5.7.5-49	5.7.5-54
5.7.5-50	5.7.5-55
5.7.5-53	5.7.5-58
5.7.5-65	5.7.5-71
5.7.5-77	5.7.5-90
5.7.6-103	5.7.6-125

## Component versions

Component	Product	Version
Virtual Machine (jreVersion)	Azul Zulu JRE	Azul Zulu 8.0.322
Repository (postgresVersion)	PostgreSQL	10.17
Jobserver (sparkVersion)	Spark	2.4.8-collibra-11
Search	Elasticsearch	7.16.3

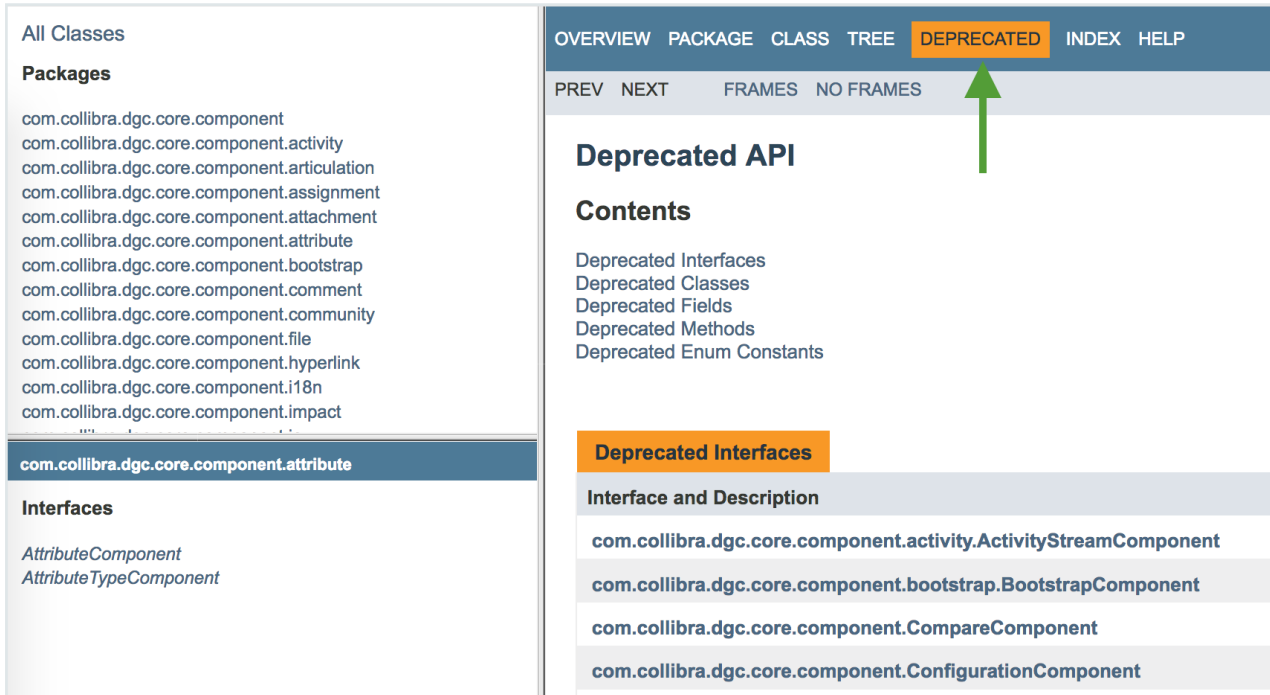
# API updates

- [Deprecated API v1](#)
- [DGC Core compatibility report](#)
- [DGC API compatibility report](#)



# Deprecated API v1

In an earlier version of Collibra Data Intelligence Cloud, we introduced [Core API v2](#) next to Core API v1. From version 5.5.0 onwards, we have marked some API v1 interfaces, classes, methods, fields and enumerations as deprecated. You can open an overview of all Core API v1 deprecated content by following the **DEPRECATED** link of the Core API v1 documentation.



The screenshot shows the Collibra API documentation interface. At the top, there is a navigation bar with links: OVERVIEW, PACKAGE, CLASS, TREE, **DEPRECATED** (highlighted in orange), INDEX, and HELP. Below this, there are links for PREV, NEXT, FRAMES, and NO FRAMES. A green arrow points to the **DEPRECATED** link. The main content area is titled 'Deprecated API' and has a 'Contents' section listing: Deprecated Interfaces, Deprecated Classes, Deprecated Fields, Deprecated Methods, and Deprecated Enum Constants. Below this, there is a section titled 'Deprecated Interfaces' with a sub-section 'Interface and Description' listing several interfaces: com.collibra.dgc.core.component.activity.ActivityStreamComponent, com.collibra.dgc.core.component.bootstrap.BootstrapComponent, com.collibra.dgc.core.component.CompareComponent, and com.collibra.dgc.core.component.ConfigurationComponent. On the left side, there is a sidebar with 'All Classes' and 'Packages' sections, and an 'Interfaces' section listing AttributeComponent and AttributeTypeComponent.

Deprecated means that you can still use the content in this version, but we recommend to migrate to Core API v2. If the deprecated content has an alternative in Core API v2, it will be clearly indicated in the documentation as shown in the following example:



The screenshot shows the documentation for the 'Interface ActivityStreamComponent'. It is marked as 'Deprecated.' and includes a code snippet: `@Deprecated public interface ActivityStreamComponent`. Below this, there is a 'Method Summary' section with tabs for 'All Methods', 'Instance Methods', 'Abstract Methods', and 'Deprecated Methods'. The 'Deprecated Methods' tab is selected, showing a table with columns 'Modifier and Type' and 'Method and Description'. The table contains one entry: `java.util.List<com.collibra.dgc.core.model.activity.Activity> getActivities(com.collibra.dgc.core.dto.activity.ActivityParameters activityParameters)`. A green arrow points to a 'Deprecated.' note below the method signature, which also includes a 'Use' link pointing to `com.collibra.dgc.core.api.component.activitystream.ActivityStreamApi#getActivities(FindActivitiesRequest)`.

If there is no alternative available in API v2, we recommend to file a [support ticket](#) or a feature request on the [Collibra Ideation platform](#).

# Known issues

The following is a non-exhaustive list of issues that we have encountered in this release. We intend to fix these issues as quickly as possible.

Ticket	Issue	Found in	Fixed in
81272, 81501, 81592, 81612, 81727, 81794, 82017, 82327, 82418, 82630, 83593, 83601, 83922, 83970, 84768, 84828, 85060, 85470, 85572	You cannot move assets between domains in different subcommunities that have the same parent community if the permission is only set on the parent community. As a workaround, ensure that you also have the necessary permission on the subcommunity level.	2022.01, 2022.02, 2022.03	2022.04



Ticket	Issue	Found in	Fixed in
	<p>Normally, you only see relations if you have <a href="#">view permissions</a> for the head and the tail asset of the relation. If you do not have view permissions for an asset, you don't see the relations to that asset, for example in <a href="#">views</a> or on the <a href="#">asset page</a> of the related assets.</p> <p>However, the <a href="#">History tab page</a> of asset pages mentions all relations, even if you don't have view permissions for the related asset.</p>	2022.02	To be determined
	<p>Time-based review rules that were configured to trigger Time based asset review workflows on an annual basis, did not start at the beginning of the calendar year 2022. We strongly recommend that you review any Time-based Review Rule assets you have configured, to see if there are target assets that should be reviewed. <a href="#">Read more.</a></p>	2022.01	2022.04 (to be confirmed)
	<p>A data source ingestion fails if a foreign key has the same name as a table.</p>	5.5	

## Common issues

- The Collibra Data Intelligence Cloud 5.7.2-13 release fixed performance issues with the Escalation Process workflow.

To take advantage of the improvements, you must deploy the [new version](#) of the Escalation Process workflow in your Collibra 5.7.2-13 or newer.

**Note** If you are using a modified Escalation Process workflow, you must port your changes to the new workflow.

**Warning** The new Escalation Process workflow is only valid for Collibra 5.7.2-13 or newer.

- Workflows with different values for the `processRef` attribute of the `participant` tag and the `id` attribute of the `process` tag are not working in Collibra 5.6.0 or newer, despite having worked in older versions. These workflows have invalid BPMN files that cause a `java.lang.NullPointerException` error, visible in the Collibra Console logs. For more details, see the [troubleshooting section](#).