DSS Release Notes

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DSS 1.2 Release Notes

This document provides you with the latest information about the Data Steward Studio 1.2 release and its product documentation.

What's New in this Release

New features and changes for 1.2 have been introduced in the Hortonworks DataPlane Service (DPS), along with documentation updates. New features are described in the following sections.

- 1.2
  - General Availability (GA) of
  - Improved Asset Collections
    - Data assets can now belong to more than one Asset Collection
    - Improved functionality for Asset Collections: CRUD (Create, Read, Update, Delete)
    - Collaborate with other users: add asset collections to your favorites, add personalized bookmarks, and engage in discussions with others (Technical Preview)
  - Dashboards for datalake, asset collections, and individual assets
  - Sensitive Data Profiler: performs context and content inspection to detect various types of sensitive data and automatically suggest suitable classifications or tags based on the type of sensitive content detected or discovered.
  - Sensitive data classification approval workflow
  - Support for Atlas High Availability (HA) configurations

Unsupported Features

This section lists features that are not officially supported by in a production environment.

- Profiling of Hive ACID tables
- Support for wire encrypted cluster

Technical Preview Features

The following features are available within but are not ready for production deployment. Hortonworks encourages you to explore these technical preview features in non-production environments and provide feedback on your experiences through the Hortonworks Community Connection (HCC).

- User experience for profiler management from DSS application
- Collaboration

Related Information

Hortonworks Community Connection (HCC)

Known Issues

DSS 1.2 has the following known issues, scheduled for resolution in a future release. Where available, a workaround has been provided.

Table 1: DSS Known Issues

Hortonworks Bug ID	Summary
BUG-102463	Description of problem: Asset Collections with a large number of assets fail. Associated error message: Unrecognized token 'URI': was expecting ('true', 'false' or 'null')\n at [Source: (byte[])\"URI length exceeds the configured limit of 2048 characters\"; line: 1, column: 5] Workaround: Keep asset collections to less than 130 assets.
BUG-102878	Description of problem: DSS cannot talk to Profiler Agent on a Kerberized cluster that is setup without the Knox gateway. Workaround: Enable Knox gateway support as described in the installation guide of DSS.
BUG-102459	Description of problem: The widget "Sensitivity Profiler Execution Status" is blank even though the sensitive profiler jobs might have run on this cluster. Details: This is because of a timezone issue and the data will be visible one day after the information is available on the cluster. Workaround: None.
BUG-101588	Description of problem: If an asset collection is created without any assets, we will show the overview page for the asset collection with empty content. Workaround: None.
BUG-101293	Description of problem: Dropped table counts are not captured in the Dashboard widget "Total number of Hive table assets". Workaround: None.
BUG-100916	Description of problem: If an asset collection creation process is incomplete, and the user navigates out of the flow, an asset collection with the same name cannot be created again. A error with a message of 409 is displayed to the user. Workaround: Ensure that the asset collection creation process is cancelled before navigating out of the flow.
BUG-100816	Description of problem: A "Whitelabel Error Page" is observed on accessing DPS/DSS URL. Workaround: Remove any suffixes appended at the end of the url (trying to access) and retry login.
BUG-99841	Description of problem: Asset collection names greater in length than 255 characters do not get created correctly. Workaround: Create names lesser than 255 characters.
BUG-98838	Description of problem: Login of a user on DPS fails in case a DSS suffix is appended at the end of DPS URL, for eg: https://172.22.86.30/knox/gateway/knoxsso/knoxauth/login.html?originalUrl=https://172.22.86.30/dss/collections Workaround: Remove the dss suffix: /dss/collections and retry user login.

Fixed Issues

The following table lists selected issues resolved in DSS 1.2.

Hortonworks Bug ID	Summary
BUG-102877	Description of problem: During DSS Profiler installation, mpack suggest database URL after selecting database type, host and user. Details: In postgres case, the suggested url is incorrect. Suggested url: jdbc:postgres://hostname:5432/profileragent Correct url: jdbc:postgresql://hostname:5432/profileragent
BUG-100067	Description of problem: DSS UI is not showing new information from the Dataplane profilers. Details: This is a caching issue. The information should be updated within a half-hour window.