DataPlane Release Notes

Date of Publish: 2019-03-04

Contents

DP Platform 1.2.2 Release Notes

This document provides you with the latest information about the DataPlane Platform 1.2.2 release and its product documentation.

What's New in this Release

New features and changes for DP Platform 1.2.2 have been introduced, along with documentation updates.

The DP Platform 1.2.2 release includes the following new features:

Version	Feature	Category	Description
1.2.2	Support for HDP 3.1 clusters.	Cluster registration	Ability to add HDP 3.1 clusters to DataPlane.
1.2.1	Support for Knox Trusted Proxy Pattern.	Cluster registration	Ability to register clusters setup with Knox TPP (as an alternative to Knox SSO).
1.2.1	Checks during setup.	Usability	Ability to perform host and port checks during setup.
1.2.1	Ability to edit LDAP.	Usability	Ability to edit LDAP configuration after the installation.
1.2.1	External PostgreSQL SSL	General	Ability to use an external PostgreSQL configured for JDBC with SSL.
1.2.0	Support for HDP 3.0 clusters.	Cluster registration	Ability to add HDP 3.0 clusters to DataPlane.
1.2.0	Support for HDF 3.2 clusters.	Cluster registration	Ability to add HDF 3.2 clusters to DataPlane.
1.2.0	Support for app-based cluster enablement	Cluster registration	Ability to enable clusters for a specific Apps.

Behavioral Changes

Highlights of notable changes since the previous release.

- Ports: No need to open port 8443 on DP host for DP Platform.
- LDAP: When configuring LDAP, there are now prompts for user object class and optionally an SSL certificate upload.
- DP App enablement experience: Checks for DP Apps to be installed and running before user can enable them.
- DP App and Cluster enablement experience: DataPlane Admin much explicitly enable a cluster for use with a DP App.

Known Issues

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

Hortonworks Bug ID	Summary
BUG-96057	Problem: Keystore warning on Centos 7 / openJDK 8 when accessing the DP set keystore Error Message: Warning message is printed related to keystore when configuring DataPlane: ``` Warning: The JCEKS keystore uses a proprietary format. It is recommended to migrate to PKCS12 which is an industry standard format using "keytool - importkeystore -srckeystore /usr/dp/1.1.0.0-111/core/bin/certs/dp-keystore.jceks - destkeystore /usr/dp/1.1.0.0-111/core/bin/certs/dp-keystore.jceks - deststoretype pkcs12 ``` Workaround: dpdeploy.sh commands might occasionally print a warning as given the description above. This warning is due to the usage of a supported but proprietary keystore format for storing credentials securely. This is message harmless and can be ignored.
BUG-98817	Problem: DataPlane session timeout occurs after 2 hours, does not account for when the user was last active. Workaround: If session timeout occurs, re-login to DataPlane.
BUG-100631	Problem: DP Platform should not allow cluster addition as local admin user Description: DataPlane currently allows the local super user to log in and attempt to register clusters. However, since the local super user might not be a valid LDAP user, cluster registration or subsequent interactions might fail with authorization issues. Workaround: Always register LDAP users in DataPlane platform via the user management functionality and register clusters only after logging in as those users.
BUG-100680	Problem: Logout fails when you use an IP address and port for DP. Description: If DataPlane is configured to run on a non-default port, then the logout action from the DataPlane UI fails to complete and leaves the user logged in. Workaround:Clear the cookies in the browser session for the DataPlane domain. Specifically the cookies dp_jwt and hadoop-jwt have to be cleared if found.
BUG-104245	Problem: LDAP setup in DataPlane will fail if the LDAP hostname is not addressable within docker containers. Description: If the DNS name for the service cannot be addressed using standard DNS, but through a host name mapping, LDAP setup with fail. The command dpdeploy.sh utils add-host <ip> <host> is not sufficient. Workaround: Edit the /etc/hosts file using vim or other editor and save the mapping.

Fixed Issues

The following table lists selected issues resolved in DataPlane 1.2.2.

Hortonworks Bug ID	Category	Summary
BUG-102602	Usability	DataPlane by default is showing wrong DataPlane Service versions, and has wrong doc links.
BUG-101313	Security	DP should ensure logged out user tokens cannot be used for API calls
BUG-100322	Security	Add XFRAME header options
BUG-100179	Security	Setting Secure option on dp_jwt and hadoop-jwt cookies
BUG-91738	Security	DP login session does not seem to expire
BUG-96055	Usability	Validation of incorrect password should be done as part of application bootstrap
BUG-100532	Usability	Removal of Clusters used in DLM UI from DP UI doesn't remove the pairing, policies or cluster definitions from Beacon
BUG-99584	Usability	cluster service log is flooded with exceptions

Hortonworks Bug ID	Category	Summary
BUG-99477	Usability	Cluster geographical location is pre-populated while adding cluster
BUG-94849	Usability	Error Message on DP login screen is not appropriate with invalid credentials
BUG-94840	Usability	The title of some web elements under personaNav are incorrect
BUG-95958	Stability	Access to a service that is not enabled is broken
BUG-95883	Stability	DataPlane Top left navigation to a service does not check if it is enabled
BUG-95231	Stability	Service enablement doesn't check if service is installed and running
BUG-97261	Stability	Adding more than one cluster shows same cluster information for both clusters on the cluster details page