DataPlane Release Notes

Date of Publish: 2018-05-18

Contents

DP 1.1 Release Notes

This document provides you with the latest information about the DataPlane Platform (DP) 1.1.0 release and its product documentation.

What's New in this Release

New features and changes for DP 1.1 have been introduced in Hortonworks DataPlane Platform, along with documentation updates.

The DP Platform 1.1.0 release includes the following new features:

Feature	Category	Description
DP deploy improvements	Configuration	Help options for dpdeploy and general experience improvements
Support for Knox Gateway proxying	Cluster registration	Ability to register clusters that are configured with Knox Gateway to support secure and wire encrypted cluster communication to your clusters
Improved cluster checks	Cluster registration	Improved cluster checks and provide more robust feedback (for example, on network configuration and Knox setup)
Improved certificate validation	Cluster registration	Improved validation of SSL certificates, including support for upload of self-signed certificates
Support for user object class	LDAP/AD	Ability to configure user object class when setting up LDAP authentication
Support for LDAP with SSL	LDAP/AD	Ability to configure LDAP authentication that is configured for SSL, including support for self-signed certificates

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.
- DPS Service enablement experience: Checks for DP Apps to be installed and running before user can enable them.

Known Issues

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

Hortonworks Bug ID	Summary
BUG-95056	Problem: When issuing "dpdeploy.sh destroy --all" does not do a complete cleanup, leaving the keystore. Description: When issuing dpdeploy.sh destroy --all, the keystore is not removed. Workaround: Since destroy must be followed by an init command to re-initialize the keystore, before performing the re-initialization, be sure to remove the keystore /usr/dp/current/core/bin/certs.

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 DPS:
	
	<pre>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</pre>
	
	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: DP session timeout occurs after 2 hours, does not account for when the user was last active. Workaround: If session timeout occurs, re-login to DP.
BUG-100631	Problem: DPS Platform should not allow cluster addition as local admin user Description: DPS 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 DPS platform via the user management functionality and register clusters only after logging in as those users.
BUG-102602	Problem: DataPlane by default is showing wrong DP app versions, and has wrong doc links. Description: When enabling DataPlane apps, the DLM service shows version 1.0.0, while the latest DLM service is 1.1.0. When clicking "Know More", the link to documentation is incorrect and points to version 1.0.0. Workaround: Be sure to browse the 1.1.0 product documentation on docs.hortonworks.com.

Fixed Issues

The following table lists selected issues resolved in DP 1.1.

Hortonworks Bug ID	Category	Summary
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
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	DP 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

Hortonworks Bug ID	Category	Summary
BUG-97261	Stability	Adding more than one cluster shows same cluster information for both clusters on the cluster details page