DLM Release Notes

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Contents

DLM 1.3.0 Release Notes

This document provides you with the latest information about the Data Lifecycle Manager (DLM) 1.3.0 release and its product documentation on docs.hortonworks.com.

You should also review the DataPlane (DP) Release Notes and documentation.

What's New in this Release

The DLM Service 1.3.0 release includes the following new features:

Summary	Category	Description
Google Cloud Storage replication	Feature	DLM supports replication of HDFS and Hive data between On-Premise and Google Cloud storage.
New roles added to support authorization levels in DLM: **DLM Admin** and **DLM User**	Feature	DLM now supports these three roles: • **DLM User** to manage the replication policies which are already setup. • **DLM Admin** can setup new replication policies and manage them. • **Infra Admin** - In addition to DLM Admin capabilities, Infra Admin can setup snapshot-based HDFS replication policies.
Support for HDP 3.1 clusters	Platform	• Replication of HDFS and Hive data from HDP 2.6.5 to HDP 3.1 clusters is now supported. Please refer to the DLM Administration document for details of Hive table conversion during this replication. **Note:** Cloud replication from HDP 3.1 clusters is not supported.

Known Issues

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

Hortonworks Bug ID	Category	Summary
BUG-77340	Restart of HiveServer2 and Knox	Problem: HS2 failover requires knox restart if cookie use is enabled for HS2 Description: When HiveServer2 is accessed via Knox Gateway and HiveServer2 has cookie-based authentication enabled, a HiveServer2 restart requires that Knox also be restarted to get Knox-HiveServer2 interaction working again. Workaround: Set hive.server2.thrift.http.cookie.auth.enabled=false in hive-site.xml in Ambari.
BUG-111066	DLM UI	Problem: DLM app start succeeds even with wrong master password for DataPlane Service keystore Description: After upgrading DLM app from older version of 1.1.3 to 1.1.3.0-28 , all the cloud credentials were marked as unregistered. Workaround: Re-install the DLP App and initiate the app again. Provide the valid password to proceed.
BUG-112068	Atlas	Problem: Atlas replication does not work for incremental changes. Description: Incremental export not seen with fresh HDP installation. Workaround: Restart Atlas service once and later all incremental atlas replication works correctly.
BUG-114953	DLM UI	ProblemIncorrect statistics displayed for failed replication job.

Fixed Issues

The following table lists selected issues resolved in DLM 1.3.0 release

Hortonworks Bug ID	Category	Description
BUG-115433	Atlas	Atlas replication gets enabled during the policy update
BUG-115082	DLM UI	List DBs in DLM UI takes longer
BUG-114858	Cloud replication	Replication of same dataset to Amazon S3 and Microsoft WASB fails
BUG-113827	HDFS replication	Support HDFS replication between HA and non-HA clusters
BUG-113023	Hive replication	NOTIFICATION_LOG cleanup interval is hardcoded as 60s and is very small
BUG-111887	Hive replication	Hive bootstrap missing partitions in replicated db
BUG-111470	Hive	Hive On-Premise - On-Premise replication fails with "com.hortonworks.beacon.exceptions.BeaconException: SQL Exception occurred" exception
BUG-111639	Replication policy	Creating policy with the same name as existing one doesn't throw any error or exit policy creation wizard
BUG-111375	Hive replication	Hive configuration to be set in remote cluster to reduce repl command execution time in cloud replication