DELPHIX

April/May 2021
Releases

During the next bi-monthly release period, April through May 2021, Delphix expects to release several exciting new features across our product portfolio. These updates will expand masking functionality, improve replication object retention, and add support for new data sources with a new ingestion model.

This includes a set of functionality that will ship in the next engine release, version 6.0.8, as well as certifications, plugin updates and SaaS functionality that ship independently.

High-Level Update

» **Full Name Algorithms:** We will introduce a new full name algorithm that masks full name strings so that they closely match first names and last names that are stored separately.

	Andy	Pan
First Name	John	
Last Name		Smith
Full Name	John	Smith

End of Life Notifications

» ASE 15.0.3

» Windows 2008 R2

» SQL Server 2008/2008R2

Certifications

» Oracle EBS 12.2 with RHEL 7.9 (on Oracle 19c)

000193

Technical Update

» **Algorithm Chaining Framework:** We will now support building algorithms from a combination of existing algorithms. For example, the aforementioned full name algorithm is based on existing first name and last name algorithms.

» **dxi executable and support for encrypted credentials:** We will be distributing the dxi CLI as Windows, macOS and RHEL binaries. This will simplify your adoption and remove the requirement on Python. Critically, we're also adding encryption for the login credentials.

» **Expansion of Retention Period on Replicated Objects:** Today, when snapshots on the replication source engine are deleted, either due to retention policies or user action, the next replication job will delete those snapshots on the replication target engine. This project will allow you to extend the retention period of replicated objects on target engines while keeping the original retention at the source. Once the object in the target engine reaches its retention period, it will be flagged and deleted by the policy agent based on a daily schedule.

» **Db2 Staging Push enhancements:** As part of the porting of the Db2 plugin to the Python vSDK, the plugin will run additional validation checks on databases mounted through Staging Push. The checks will verify if the source is usable by Delphix: whether a virtual database can be provisioned from it. This release will improve the reliability of Staging Push.

» **HANA Plugin Staged Architecture:** We will introduce a staging architecture for HANA virtualization. This will make it consistent with other virtualizing data sources. This new architecture will build a foundation for future staging push capabilities, as we've begun to introduce for other platforms. These changes, together, will allow us to support those of you with various SAP-certified, 3rd-party backup applications for HANA. We will continue to support the pull ingestion method with HANA native backups and logs. Lastly, like Db2, we have ported the HANA Plugin to the virtualization SDK.

» **Escape Character Support for Delimited File Masking:** We will now support the configuration of escape characters for enclosure characters in file masking.

» **System Tunable Interface:** To better support you, we will be exposing a set of commonly used system settings. You will be able to use this with support's direction.

» **Oracle Customized Full Backups:** There is a rarely-seen bug in Oracle that results in some blocks not being written to the datafiles during an Oracle SnapSync operation. When this happens, the datafiles can become incomplete and provisioning/refreshing from that snapshot might fail. We are providing a SnapSync option via CLI that you can customize to accept all datafiles during an Oracle SnapSync operation to prevent this error.

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