DELPHIX

Release Preview: Delphix 6.0.2

This release preview is intended for current Delphix customers and covers our best estimate of what will be available in our next release. This is all subject to change - Delphix may delay or cancel releases as needed and individual features may change in functionality or be deferred to later releases. Additional features may be added if they are ready when the release ships.

Our next bi-monthly release, 6.0.2, is scheduled for May. Please see the high-level and technical updates for the release. As always, if the content changes one way or another, we'll provide an update when it comes to release time.

High-Level Update

- Support for **Db2 Database Partition Feature (DPF):** Delphix has long supported distributed Db2 (running on Unix/Linux Systems), but many of you have asked us to support you partitioned Db2 Systems. Db2 supports partitioned databases as a means of scaling to larger, more complex systems. This will be shipped as a virtualization plugin and will follow the 6.0.2 release.

- **Windows Authentication for SQL Server:** You will be able to use Windows Authentication to link SQL Server databases. Now, rather than providing both a database user and a Windows user to ingest data, you can leverage one set of credentials (a Windows OS user) to perform all source operations. Many of you have security policies that *only* allow you to use Windows Authentication. This capability will simplify SQL Server deployments and reduce Delphix's security requirements on source databases.

- **Smart Failover:** Smart Failover allows the Delphix Administrator to simplify failover processes by automating object conflict resolution. By selecting a new option "Automate Object Conflict Resolution" before the failover process starts, the failover process will rename all conflicting objects and show a report of all object changes at the end.

Technical Update

NFSv4 Support: We will be enabling NFSv4 for a limited set of configurations. Specifically, in 6.0.2 we will start providing NFSv4 for data sources running on RedHat 7.0 or later. NFSv4 can be enabled using the CLI (look for these instructions in the release documentation).

- Support for additional host OS versions will be added in subsequent 6.0.x releases. We will consider enabling NFSv4 by default for those supported configurations in a future release.

Support Bundles not Required for Upgrade: When upgrading from 6.0.0 or greater to a release 6.0.2 or greater, we will no longer require support bundles to be sent to Delphix. This allows you to execute more self-service upgrades.

JDBC to Delimited Files Support: On-the-fly masking jobs with a JDBC source and delimited file target are now supported. This is targeted at your organizations with data lake applications.

Mainframe Data Set Improvements for Masking: With this release, Delphix has delivered multiple quality-of-experience enhancements around your mainframe masking workflows. The following enhancements are:

- **Mainframe Masking Performance:** Those of you that are masking mainframe datasets may see a large improvement in performance. In initial testing, customers have seen upward of 80% improvement in throughput.

- **Engine Sync Support for Mainframe:** Using the standard Sync API, you now can incorporate mainframe objects (connectors, rule sets, jobs, and file formats) into your regular sync workflows (e.g. enlist multiple engines to mask a large mainframe DB or to build out an SDLC masking algorithm workflow).

- **Mainframe Support for Record Type APIs:** This enhancement builds upon the recent release of Record Type APIs to include mainframe support. You will now be able to create and manage Mainframe file record types via REST API, including redefine conditions.

Environment Sync Support for Masking: With this release, an entire environment is now syncable with a single operation via the Sync REST APIs. Previously, Sync users would have to export/import objects on an individual basis, the process now is far more streamlined. Note, Environment Sync APIs are the preferred way of handling environment export/import versus XML-based transfer.

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Deprecation Notice - Masking XML-based import/export: With the release of Environment Sync Support, the Delphix masking engine has a more robust and user-friendly method for importing/exporting environments. As a result, Delphix is deprecating XML-based import/ export and will End-of-Life this legacy feature in a future release.

Virtualization SDK Plugin Upgrades: For those of you using plugins built on the Virtualization SDK (from Delphix, Services, or Partners), you will now be able to upgrade these plugins in place.

Certifications

- **ASE 16.0 on AIX 7.1:** We have certified ASE 16.0 on AIX 7.1 in 5.3.9 and above
- **AWS r5n Instance Support:** r5n.2xlarge, r5n.8xlarge, r5n.16xlarge
- **Azure E Series Instance Support:** E8s_v3, E16s_v3, E32s_v3

ABOUT DELPHIX

Delphix is the industry leader in DataOps and provides an intelligent data platform that accelerates digital transformation for leading companies around the world. The Delphix DataOps Platform supports a broad spectrum of systems—from mainframes to Oracle databases, ERP applications, and Kubernetes containers. Delphix supports a comprehensive range of data operations to enable modern CI/CD workflows and automates data compliance for privacy regulations, including GDPR, CCPA, and the New York Privacy Act. In addition, Delphix helps companies sync data from private to public clouds, accelerating the journey to the cloud and the adoption of disruptive AI technologies. In a world where every company is becoming a data company, Delphix provides a critical platform to enable data-driven transformation.

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