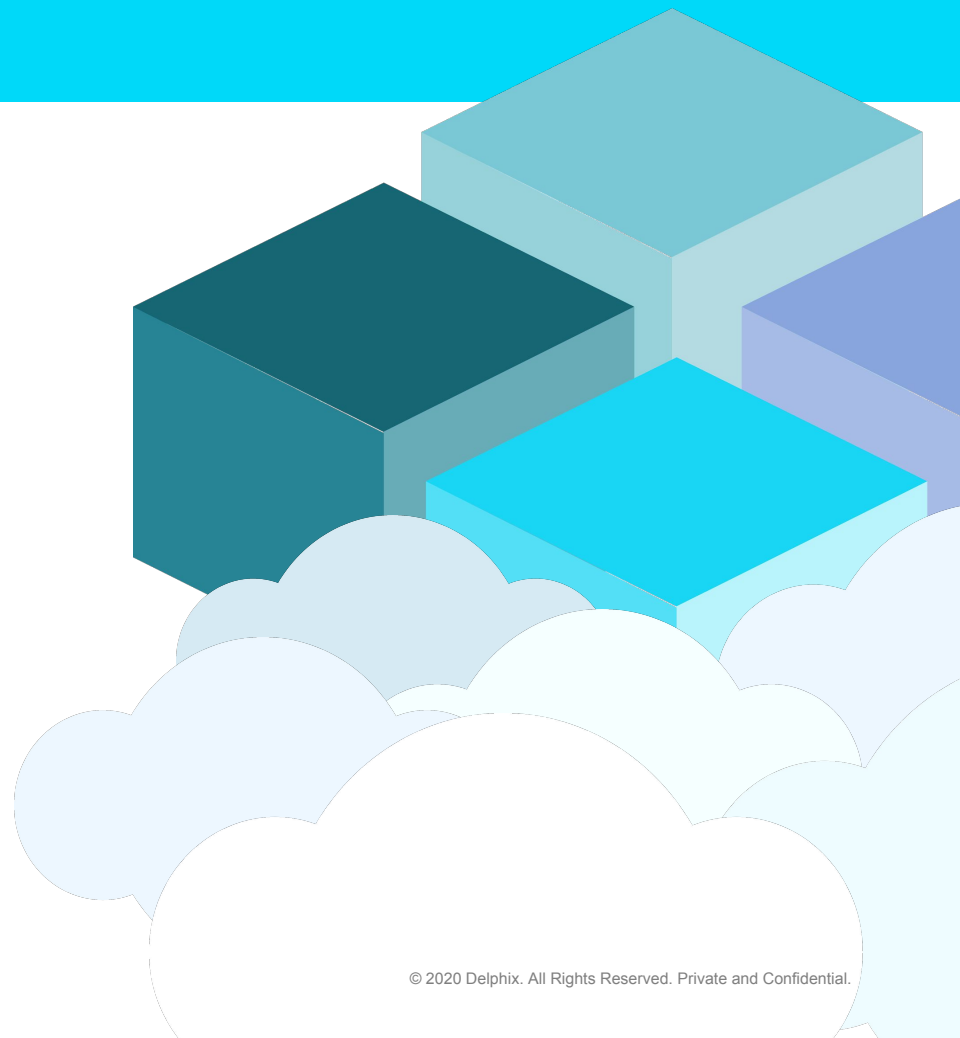


# Delphix 6.0.2

May 2020

Product Marketing



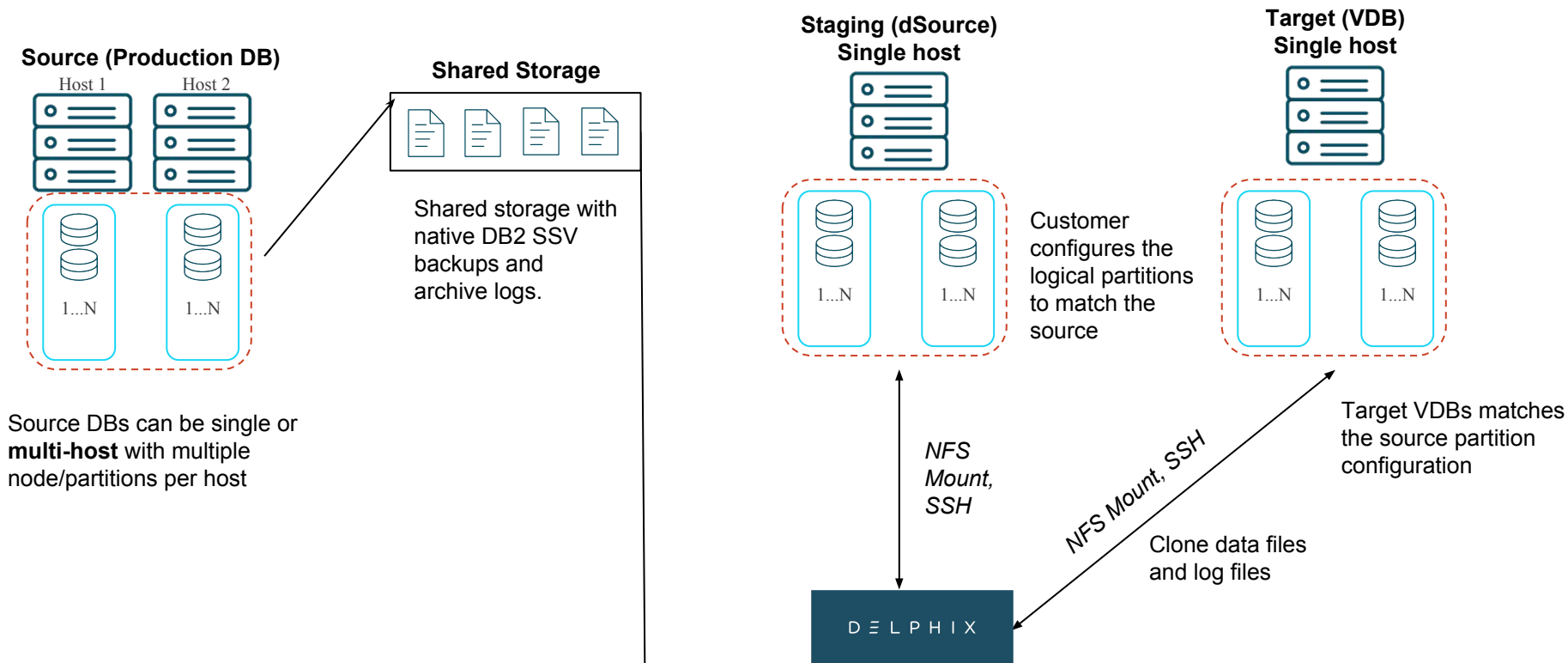
# Delphix DataOps Platform 6.0.2: What's New

- High Level Updates
  - Db2 Database Partitioning Feature (DPF) Support
  - Windows Authentication for SQL Server
  - Smart Failover
  - JDBC to Delimited Files Support
- Technical Updates
  - NFSv4 Support
  - Support Bundles Not Required for Upgrade
  - Mainframe Data Set Improvements for Masking
  - Certifications: Virtualization, Hypervisors

# Db2 Database Partitioning Feature Support

- **Database Partitioning Feature (DPF)** lets you partition your database across multiple servers. The ability to spread your databases across new machines allows you to scale your database with additional CPUs, memory, and disks.
- **DB2 Plugin** virtualises DB2 DPF source by ingesting a partitioned source database into a staging host.
- All the partitions in the source database (even when source is spread across multiple hosts) are restored onto a **single** staging host, while retaining the same number of logical partitions.
- The staging host uses DB2 Native Backups and Archived Log files to restore the desired state of the source system for ingestion into the Delphix Virtualization Engine as a dSource snapshot.

# DPF High level architecture



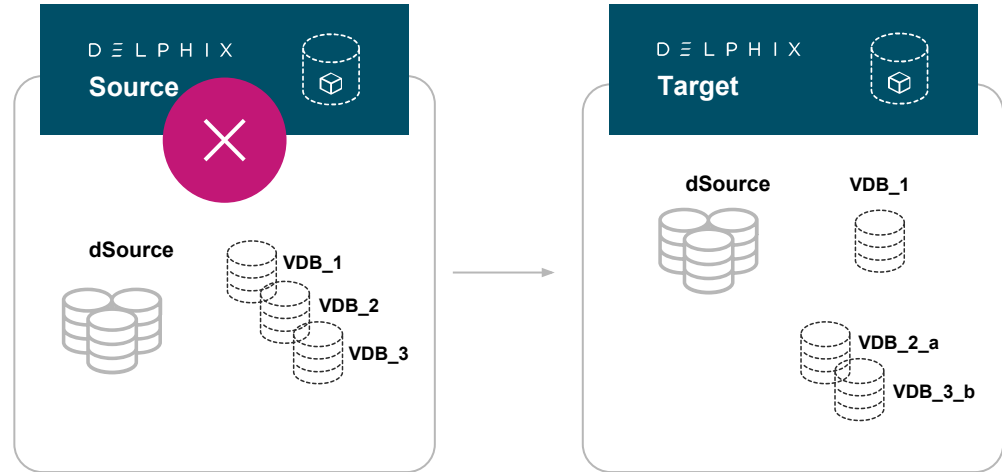
# Windows Authentication for SQL Server

Enable Windows Authentication to link SQL Server databases.

- Use one set of credentials (a Windows OS user) to perform all source operations instead of providing a database user and a Windows user.
- 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 will rename all conflicting objects and show a report of all object changes at the end.

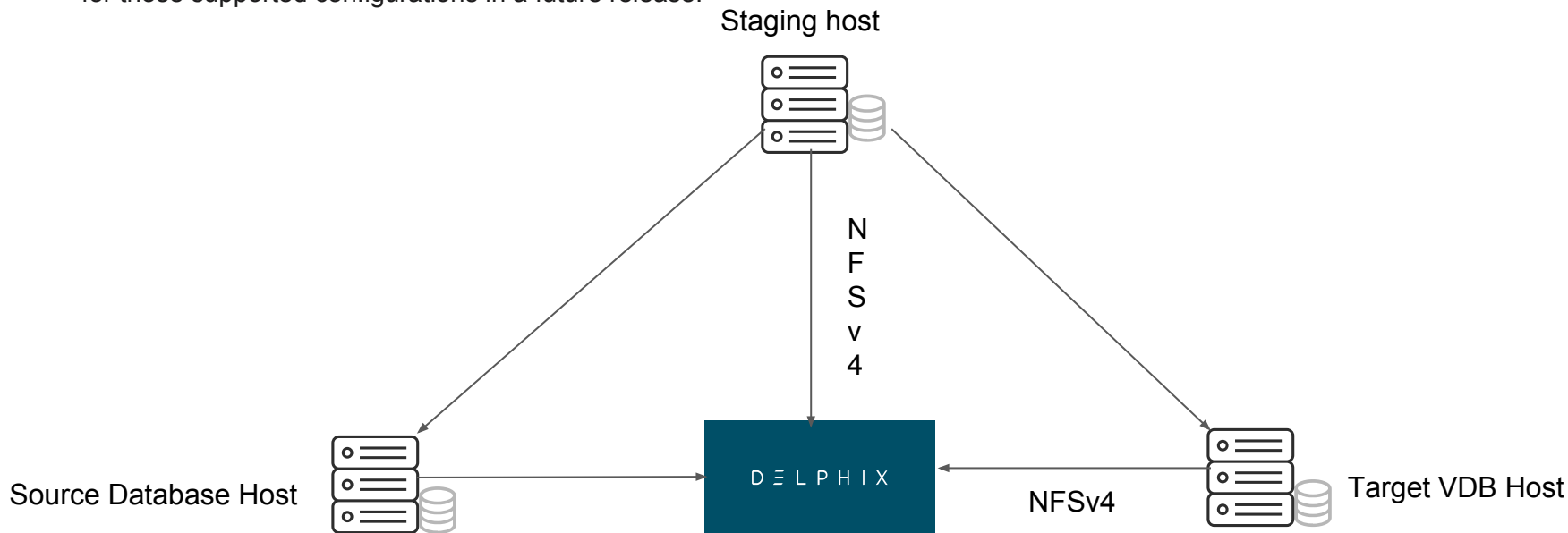


# JDBC to Delimited Files Support

- 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.
- All JDBC sources are supported, including both built-in sources (Oracle) and extended connectors
- Only delimited files are supported as a target, other file types are not supported
- The masking engine does not take care of loading the csv files back into the data lake, you need to provide that orchestration
- All other OTF jobs must have identical source and target connector types

# NFSv4 Support

- NFSv4 is available for a limited set of configurations. Specifically, in 6.0.2 we are providing NFSv4 for data sources running on RedHat 7.0 or later. NFSv4 can be enabled using the CLI (see 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, you will no longer need to send support bundles to Delphix. This allows you to execute self-service upgrades.

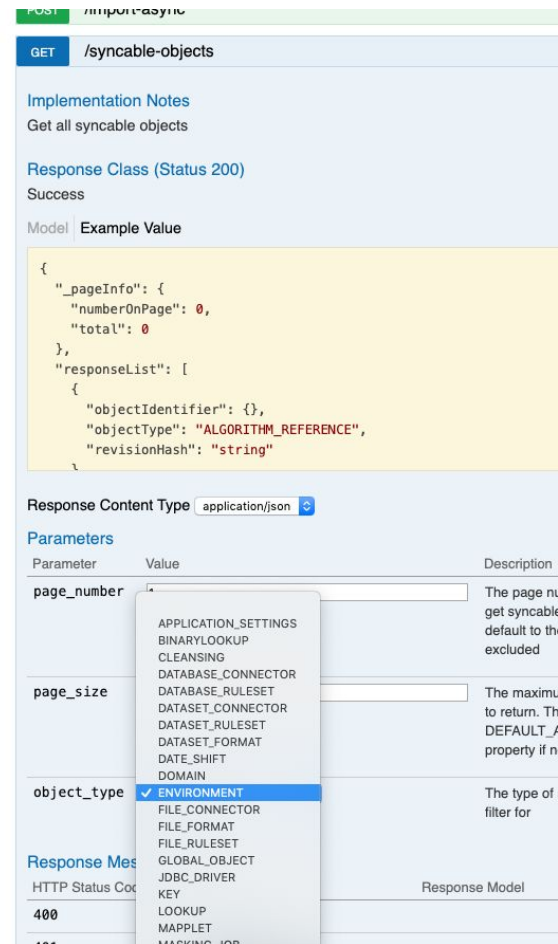
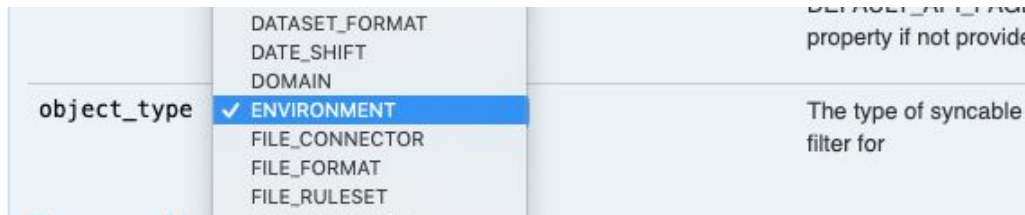
# Mainframe Data Set Improvements for Masking

With this release, Delphix has delivered multiple quality 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:** You will now be able to create and manage Mainframe file record types via REST API, including redefine conditions.

# Environment Sync Support for Masking

- Will sync all jobs, connectors and rulesets (and their dependencies) in an environment
- Uses existing Sync APIs; no new APIs to learn
- New syncable object type: ENVIRONMENT

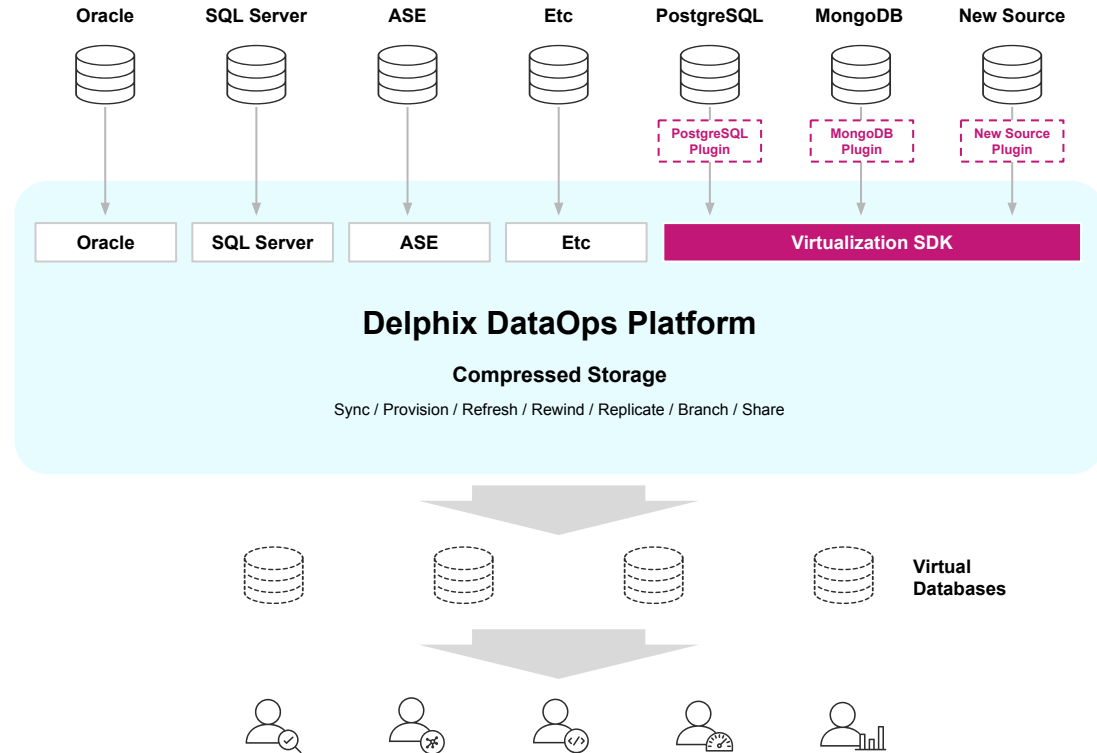


# Deprecation Notice - Masking XML-based import/export

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 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
- Masking support of Oracle 19c