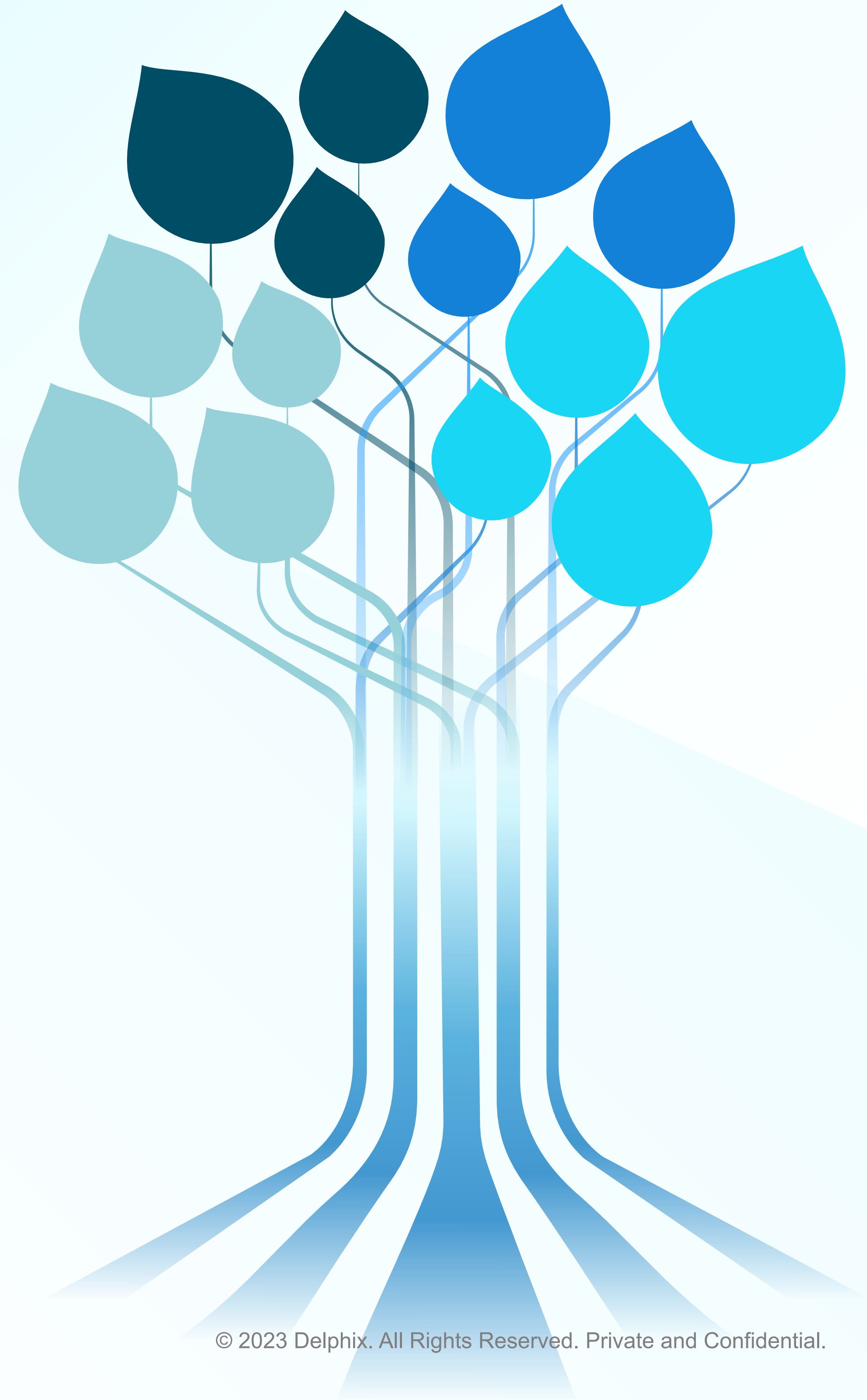


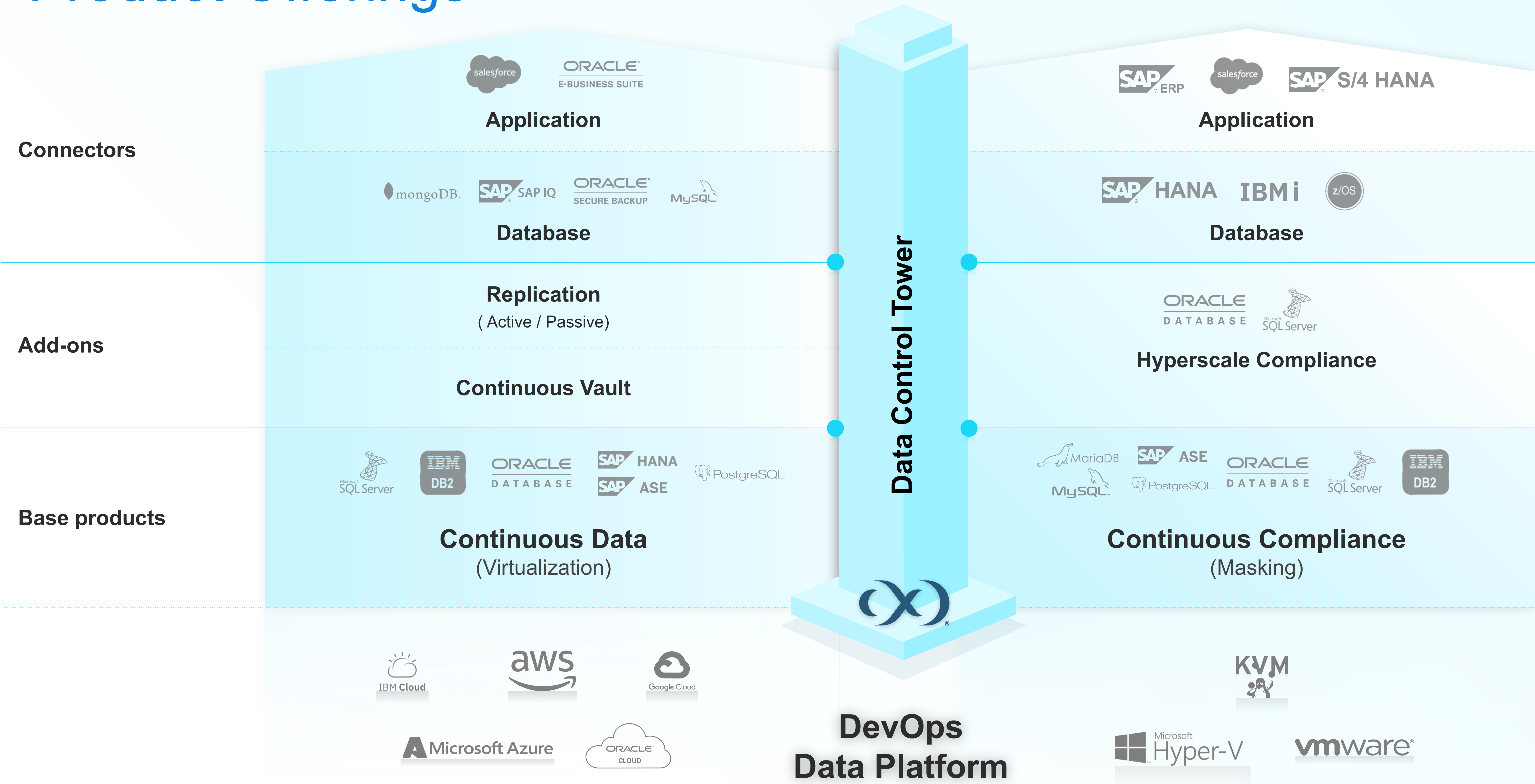


# What's New

Delphix July 2023 Product Updates



# Product Offerings





# Data Control Tower

Single Point of Control for Multicloud Data Governance, Compliance, and Automation at Scale

## Data Governance

Data library with catalog, tagging, and attribute-based access controls

## Data Compliance

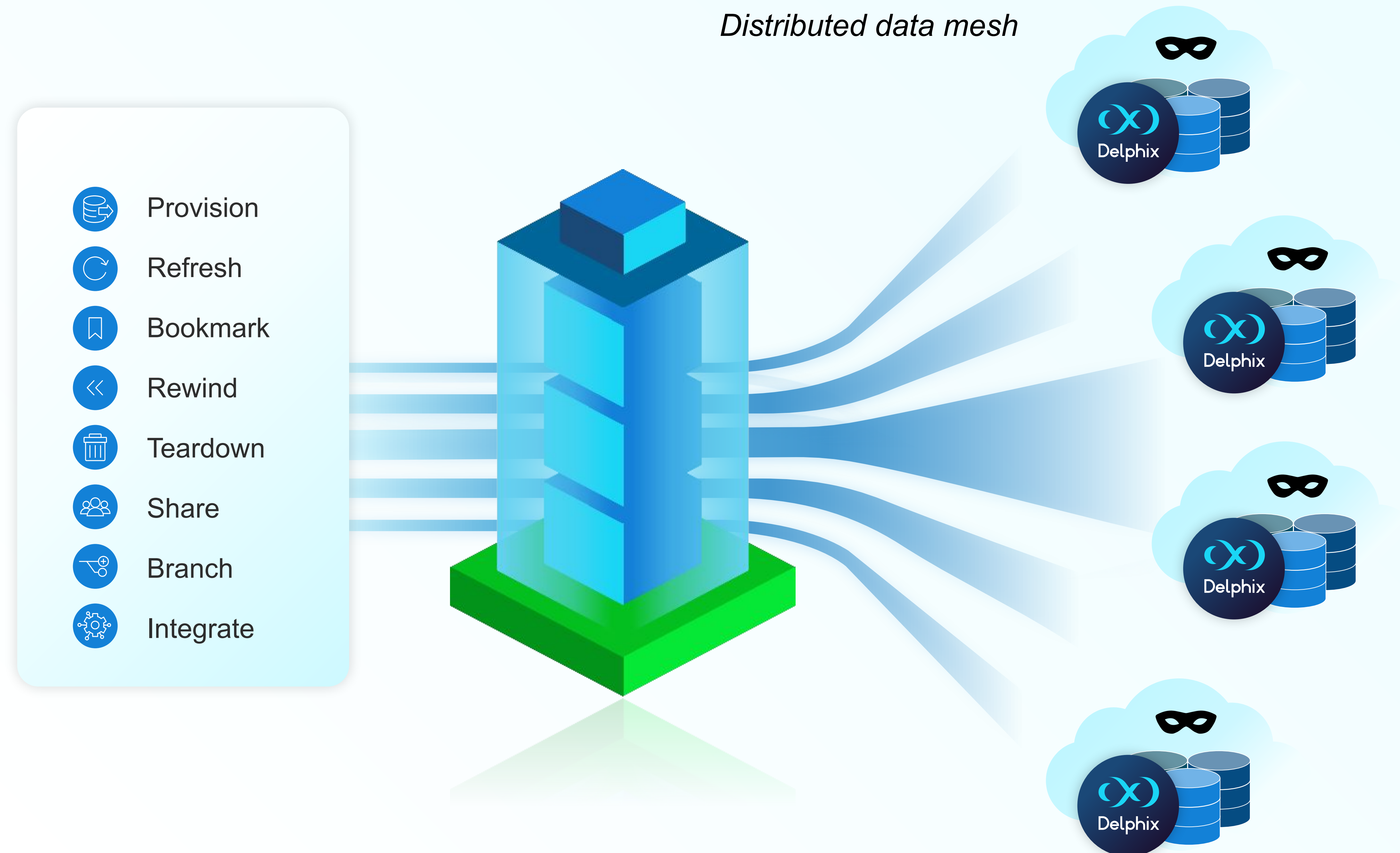
Global sensitive data visibility and central masking orchestration

## Data Automation

Self-service developer experience with pre-built DevOps integrations to automate test data within CI/CD pipelines

 Terraform  servicenow  Jenkins  Jira

 GitHub  urban{code}  GitLab

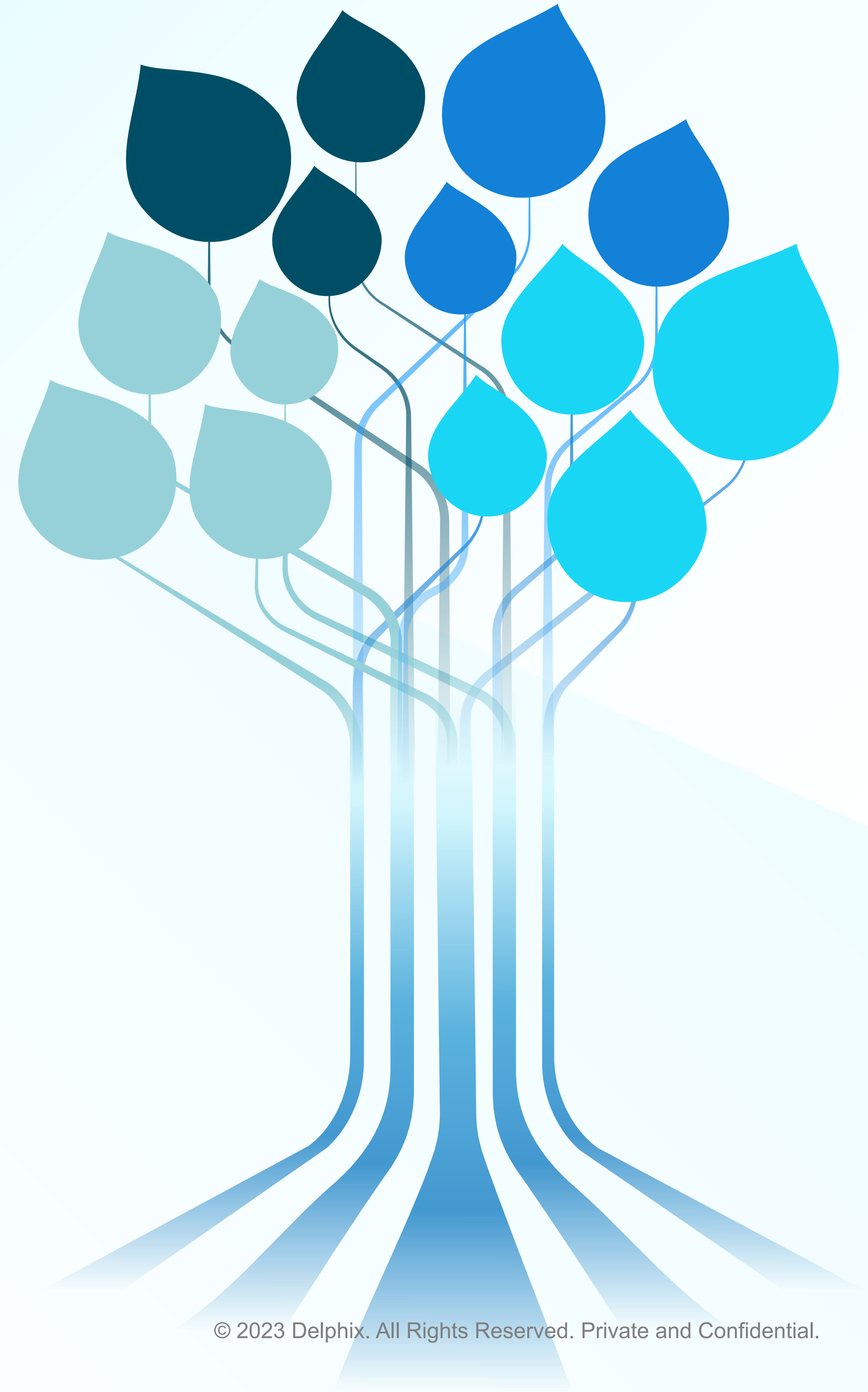




# Previous Updates

Apr '23	May '23	June '23
<p><b>Continuous Data (Virtualization)</b></p> <ul style="list-style-type: none"><li>• Azure Key Vault Integration</li></ul> <p><b>Continuous Compliance (Masking)</b></p> <ul style="list-style-type: none"><li>• Hyperscale Compliance Support for MongoDB and improved performance</li><li>• More Automated Sensitive Data Discovery Classifiers</li><li>• Classifiers User Interface</li><li>• Enhanced DocumentType support including JSON and XML</li><li>• Password Vault support for Hashicorp Vault</li><li>• CData License Upload</li><li>• ESXi Version End Of Life</li></ul> <p><b>Data Control Tower (DCT) 6</b></p> <ul style="list-style-type: none"><li>• Developer Experience User Interface</li><li>• DCT Bookmark UI</li><li>• Compliance Job Orchestration User Interface</li><li>• ServiceNow</li></ul>	<p><b>Continuous Data (Virtualization)</b></p> <ul style="list-style-type: none"><li>• Oracle Staging Push with Read-Only Databases</li><li>• Subsetting via Oracle Staging Push</li></ul> <p><b>Continuous Compliance (Masking)</b></p> <ul style="list-style-type: none"><li>• IBAN Discovery and Masking</li><li>• New US Driver's License Classifier</li><li>• Oracle Source Sizing</li><li>• New Features for the Postgres Connector</li><li>• User-controlled Automated Sensitive Data Discovery (ASDD) Set Upgrade</li></ul> <p><b>Data Control Tower (DCT) 7</b></p> <ul style="list-style-type: none"><li>• Provision VDB User Interface</li><li>• Refresh VDB User Interface</li><li>• VDB Template Import</li><li>• Infrastructure Connection Management</li><li>• ServiceNow Integration</li><li>• Terraform Integration</li></ul>	<p><b>Continuous Data (Virtualization)</b></p> <ul style="list-style-type: none"><li>• Support User Audit</li><li>• Certification for SMTP TLS authentication</li><li>• Refresh/Rewind of Oracle VDBs and VPDBs that have been exported to Oracle ASM Databases</li><li>• IBM Db2 Staging Push with the Database Partitioning feature</li><li>• MySQL/Linux - restrict the provision and rollback of a VDB to a database version older than the dSource.</li></ul> <p><b>Continuous Compliance (Masking)</b></p> <ul style="list-style-type: none"><li>• Sensitive Data Discovery for Extended Drivers</li><li>• Password Vault Support for Oracle</li></ul> <p><b>Data Control Tower (DCT) 8</b></p> <ul style="list-style-type: none"><li>• Operations Dashboard</li><li>• Provisioning Wizard Enhancements</li><li>• Advanced Search Tags Support</li></ul>

# July 2023 Updates





# Data Control Tower (DCT)

- **Jenkins:** An official Jenkins plugin is now available for Data Control Tower, joining the existing ServiceNow and Terraform integrations. This plugin helps automate the use of data in your CI/CD pipelines and includes support for provisioning and destroying VDBs.
- **DCT Toolkit:** The DCT Toolkit allows for remote operation and control of Data Control Tower via your local terminal. Over time, this will replace the previously available DxToolkit.
- **Infrastructure Wizard:** The create infrastructure flow now supports adding Windows standalone and cluster hosts and Linux cluster hosts.
- **Provisioning Wizard:** The data provisioning workflow now includes additional database types, including Oracle Single Instance Multi-tenant, Oracle Multiple Instance Single Tenant, and SQL Server Multiple Instance Single Tenant.



# DCT Jenkins Plugin Demo



## Delphix and Jenkins

Introduction to the Jenkins Plugin  
for Data Control Tower

July 2023



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# Continuous Data (Virtualization)

- **Recovery** from failed VPDB in a Linked CDB
- **IBM DB2:** Support for RHEL 8.8 has now been certified
- **MongoDB:** Additional parameters are now supported in the 'mongodump' and 'mongorestore' commands.
- **Oracle E-Business Suite (EBS):** A new Health Checker can be used to target a target environment's configuration better.
- **Support has been added** for PostgreSQL 15.0 on RHEL 9.0 and Azure Flexible Server for PostgreSQL 14.0.
- **SQL Server:** The following are now supported: SQL Server 2016 on Windows Server Core 2016, SQL Server 2019 on Windows Server Core 2019, and SQL Server 2022 on Windows Server Core 2022. In addition, we are adding support to all the SQL Server Developer editions for the versions in support.



# Continuous Compliance (Masking)

- **Password Vault Support for Microsoft SQL Server:** We continue to expand the use of credential management systems for secrets across the product line. You now can use supported credential management systems with SQL Server in Continuous Data.
- **SQL Server:** SQL Server 2022 is now supported.
- **Microsoft Azure SQL Data Warehouse:** Azure SQL Data Warehouse is now supported.
- **Updated User Experience:** the Roles page has been updated, and we now provide several handy templates.

# Hyperscale Compliance

- **Load Cancellation for Oracle Databases:** You can cancel an in-progress Oracle database load.
- **Load Cancellation for SQL Server Database:** You can now cancel an in-progress SQL Server database load.
- **Support for Japanese Characters:** Japanese characters are now supported in Oracle databases with the EUC\_JP character set.
- **Simplification of batch job ingestion process at Hyperscale:** In this release, we greatly simplify the steps required to convert a conventional batch into a Hyperscale job.



# Updated Connectors

- **MongoDB**
  - Additional parameters supported for ‘mongodump’ and ‘mongorestore’ commands
  - Backup/restore can be customized to improve extraction/ ingestion speeds
- **PostgreSQL**
  - Support added for PostgreSQL 15.0 on RHEL 9.0 and Azure Flexible Server for PostgreSQL 14.0
  - Source sizing calculation updated to represent DB size accurately
- **Oracle E-Business Suite (EBS)**
  - dSource configuration adds a new appsTier base directory path to identify installation directories automatically
  - New Health Checker can be used to target a target environment’s configuration better.

Connector	Version
<b>MongoDB</b>	<b>v1.3.0</b>
<b>PostgreSQL</b>	<b>v4.1.0</b>
<b>Oracle E-Business Suite (EBS)</b>	<b>v4.3.0</b>