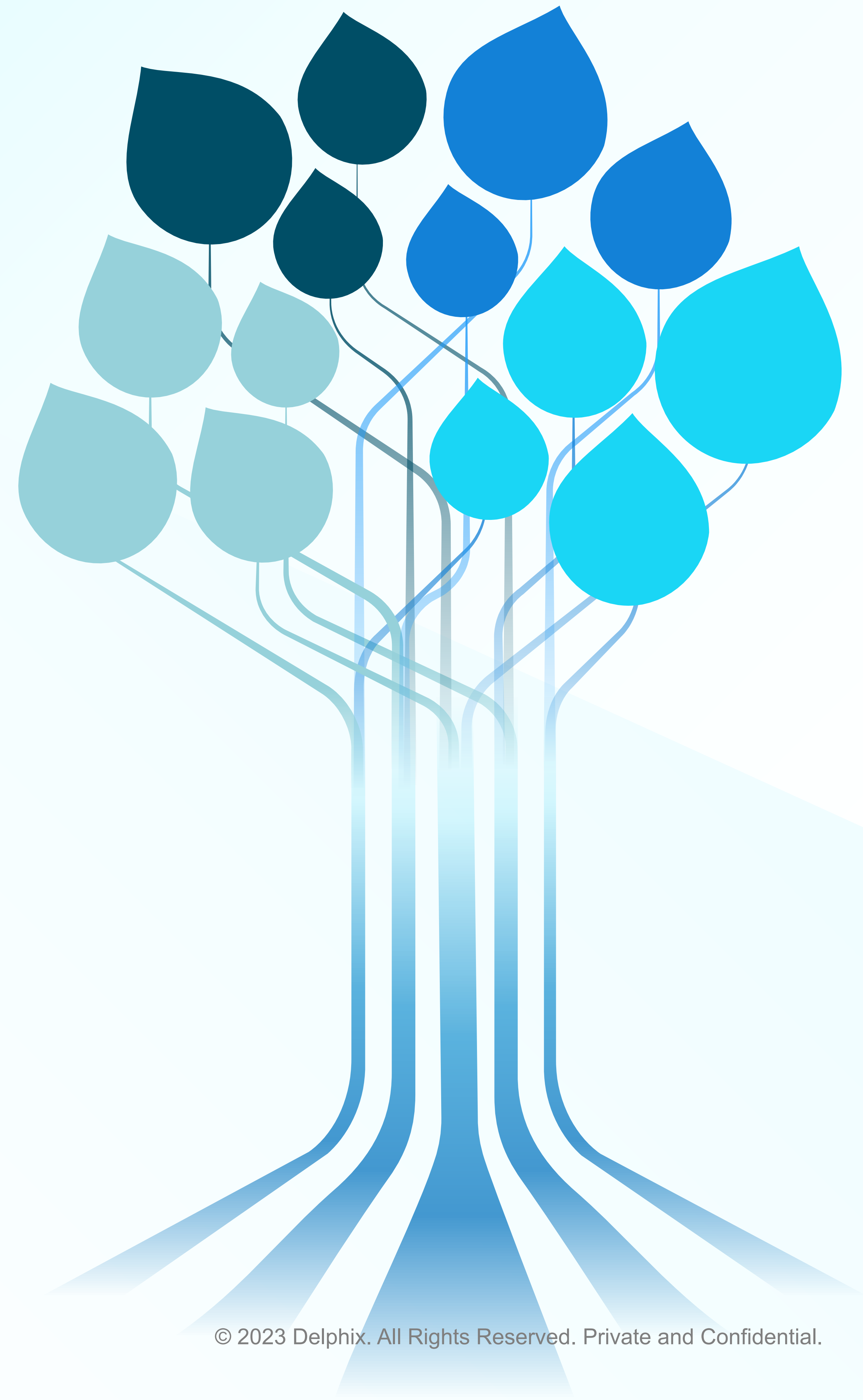


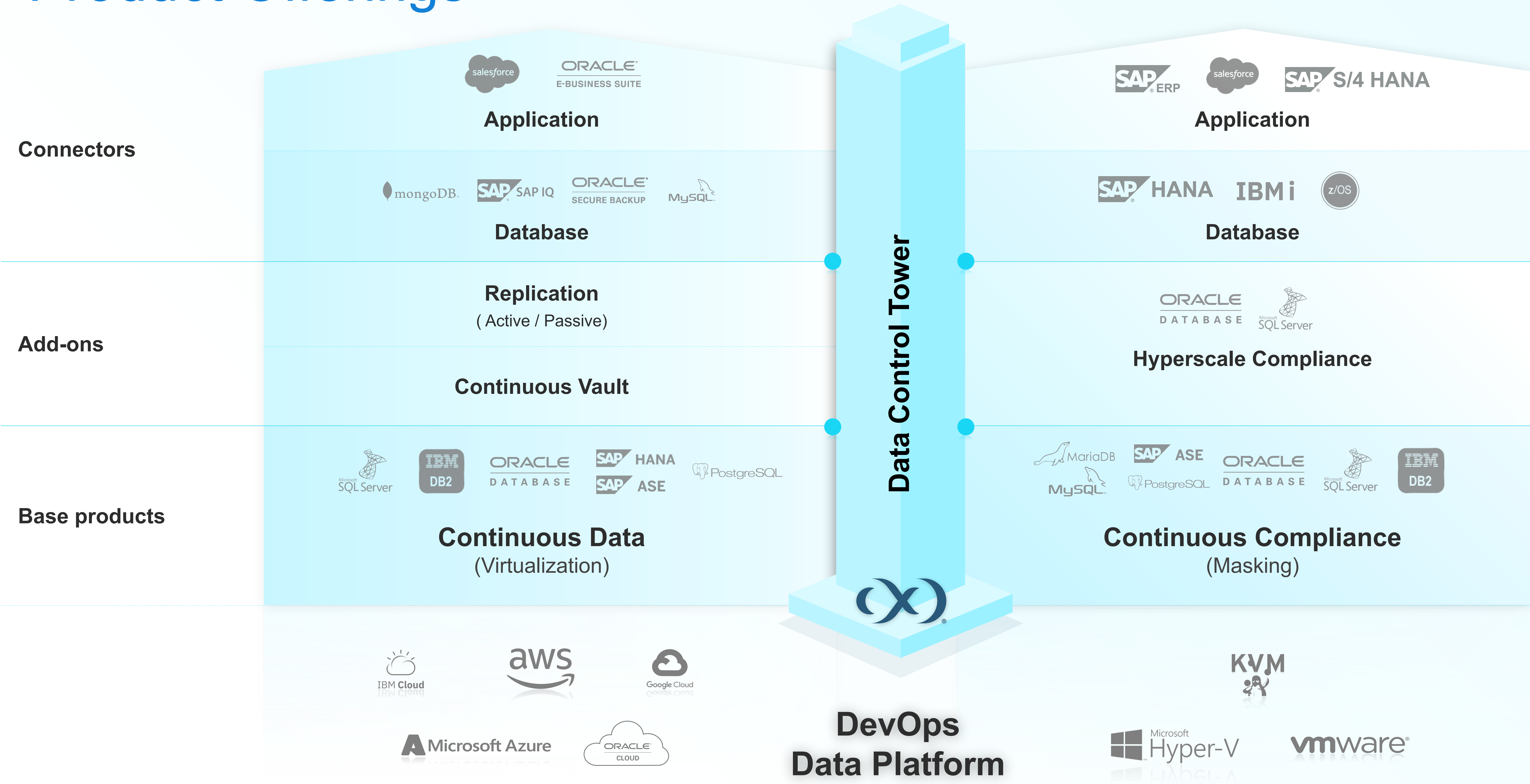


What's New

New Features in April 2023
DevOps Data Platform 10 and more



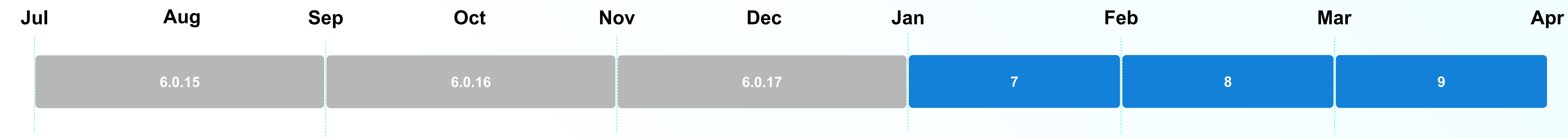
Product Offerings



Software Release Changes

We have made changes to **Continuous Data (Virtualization)** and **Continuous Compliance (Masking)** releases for 2023. There is no change to the existing support window—releases are supported for 18 months from general availability, followed by extended support for an additional 18 months. Deprecation and product end-of-life policies will remain unchanged. This document provides our full [product lifecycle policies](#).

- 1. Engine releases after 6.0.17 increment as 7, 8, 9, and so on. This is to reflect that every release goes through the same quality testing and regression cycle.
- 2. Starting in February for DevOps Data Platform 8, we began monthly releases of Continuous Data and Continuous Compliance.



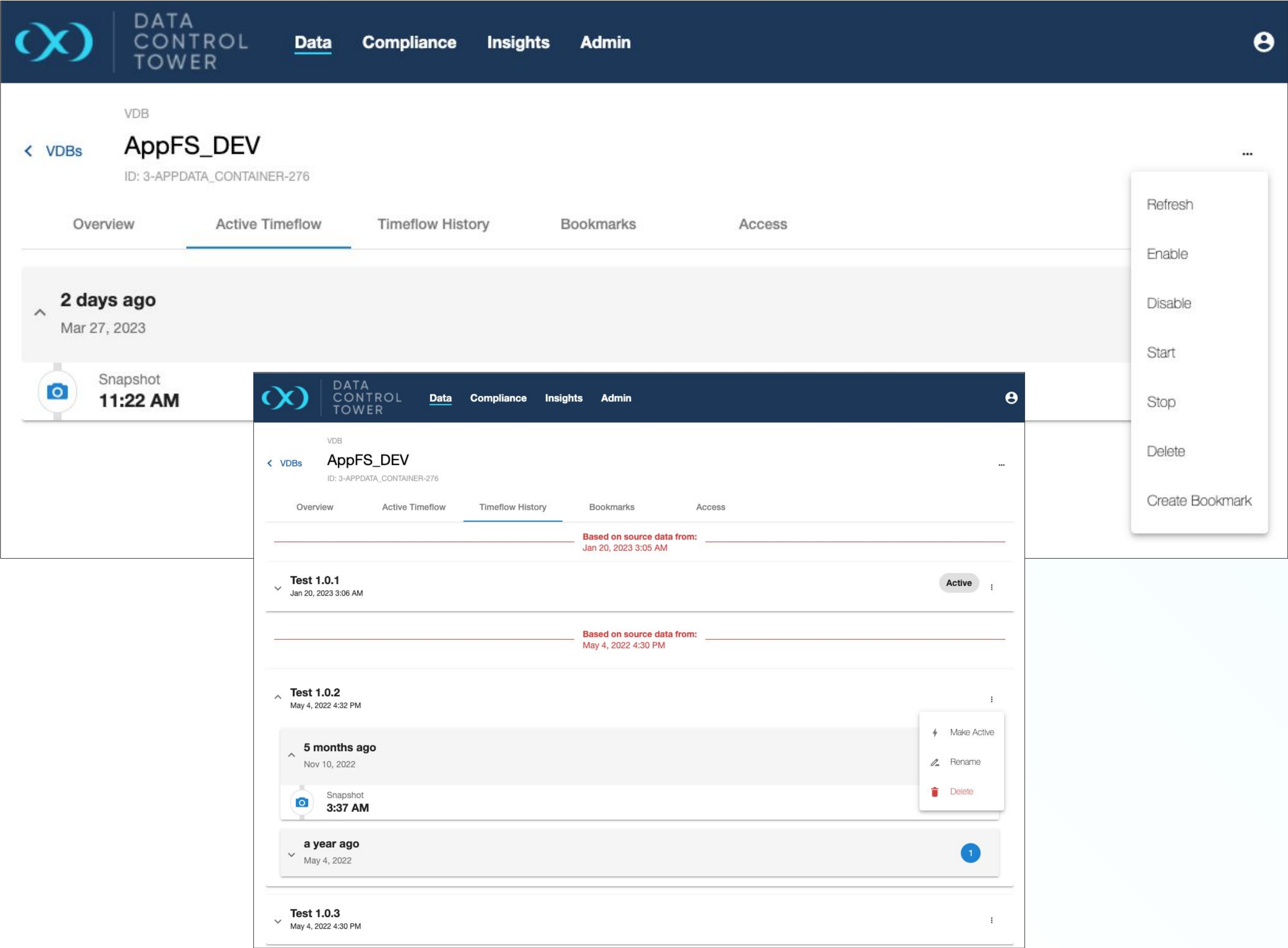
Data Control Tower (DCT)

New & Updated for April 2023

- Developer Experience User Interface
- DCT Bookmark UI
- Compliance Job Orchestration User Interface
- ServiceNow


Developer Experience User Interface

New in 6



- Developers and admins now have the ability to centrally orchestrate common Continuous Data and developer operations from the DCT UI
- These operations include the ability to refresh, rewind, and bookmark data
- This functionality also exposes the notion of time flows (non-active timelines)

DCT Bookmark UI




DATA
CONTROL
TOWER

Data

Compliance

Insights

Admin



dSources

VDBs

Bookmarks

Environments

Infrastructure

VDB Config Templates

Bookmarks

An overview of Bookmarks across your Delphix infrastructure.

Search

Search (All) ▾

Bookmark	VDB	Creation Date	Tags
BM1	1-ORACLE_DB_CONTAINER-4	Mar 27, 2023 7:29 AM	View Tags (1) >
Finance-App-1.0.3.2	3-APPDATA_CONTAINER-276	Mar 27, 2023 11:21 AM	View Tags (1) >

New in 6

- DCT now has the ability to create and manage bookmarks from the user interface
- This includes a create bookmark interactive dialog, a management tab showing all bookmarks within a VDB, and a global bookmark dashboard
- DCT Bookmarks can now also be created from pre-existing snapshots, which will enable migration of Self Service bookmarks to DCT

Compliance Job Orchestration User Interface

New in 6

The screenshot displays the 'Data Control Tower' interface with a dark blue header containing navigation links: Data, Compliance, Insights, and Admin. The main content area is titled 'Compliance Job' and shows details for a job named 'Drupal 9 Custom App Masking' with ID '020e35d2-7d60-482c-908b-7825e89ed3e7'. Below the job title are tabs for 'Overview', 'Access', and 'History'. The 'Overview' tab is active, showing a 'Job Status : SUCCEEDED' and 'Started at 3:09 AM'. A list of job steps is shown with green checkmarks indicating completion: Initializing, Collecting Configurations, Preparing, Running Pre-execution Custom Driver Tasks, Starting, Running PreSQL Scripts, Running PostgreSQL Scripts, Running Post-execution Custom Driver Tasks, Collecting Information, and Job Completed. A 'Copy Compliance Job' modal is open, allowing users to copy the job configuration. The modal includes fields for 'Target Engine' (Test Engine 2), 'Name' (Prod - Drupal 9 Custom), 'Source Environment Id' (test-on-the-fly-mask1), and 'Target Environment Id' (prod-in-place-mask1). It also has sections for 'App: Alpha' and 'Owner: John Smith', each with a 'Remove' button. At the bottom, there are input fields for 'Enter Tag Key' and 'Enter Tag Value', a '+ Tag' button, and 'Cancel' and 'Copy' buttons. A 'Run Time : 22secs' label is visible next to the 'Copy' button in the modal.

- This release features multiple enhancements to the compliance job UI that enables job orchestration and reporting
- This includes Job Copy and Execute functions and complete historical job execution log within each compliance job's details view



New in 6

- v4.0.0 Spoke leverages Data Control Tower's new global access control for scoping content visibility
- Catalog item workflows have been streamlined with property scoping and clear completion direction


servicenow

Knowledge Catalog Requests System Status Cart Tours N

Home > Service Catalog > Delphix > Refresh Database Search Catalog

Refresh Database

Refresh a Delphix virtual database to a selected Bookmark.



Delphix

Delphix Spoke Overview

This Delphix Spoke provides out-of-the-box, automated workflows and actions, as well as a self-service catalog to enable application teams to manage their test data environments. The combination of Delphix with ServiceNow enables enterprises to master DevOps test data management practices to deliver high-quality releases across multicloud, complex applications.

Request Workflow:

1. Select a virtual database (VDB) and bookmark from the below dropdowns.
2. Available options are presented based on the user's defined permissions within Data Control Tower (DCT).
3. Once submitted, the request will be sent to DCT for automatic completion. Further details will be provided in the comments section.

* Indicates required

ServiceNow User:

* Select the VDB:

* Select the bookmark:

Submit

Required information
Select the bookmark:

Visibility is governed by DCT permission model

Dynamically resolve bookmarks, snapshots, and more based on prior values

Continuous Compliance

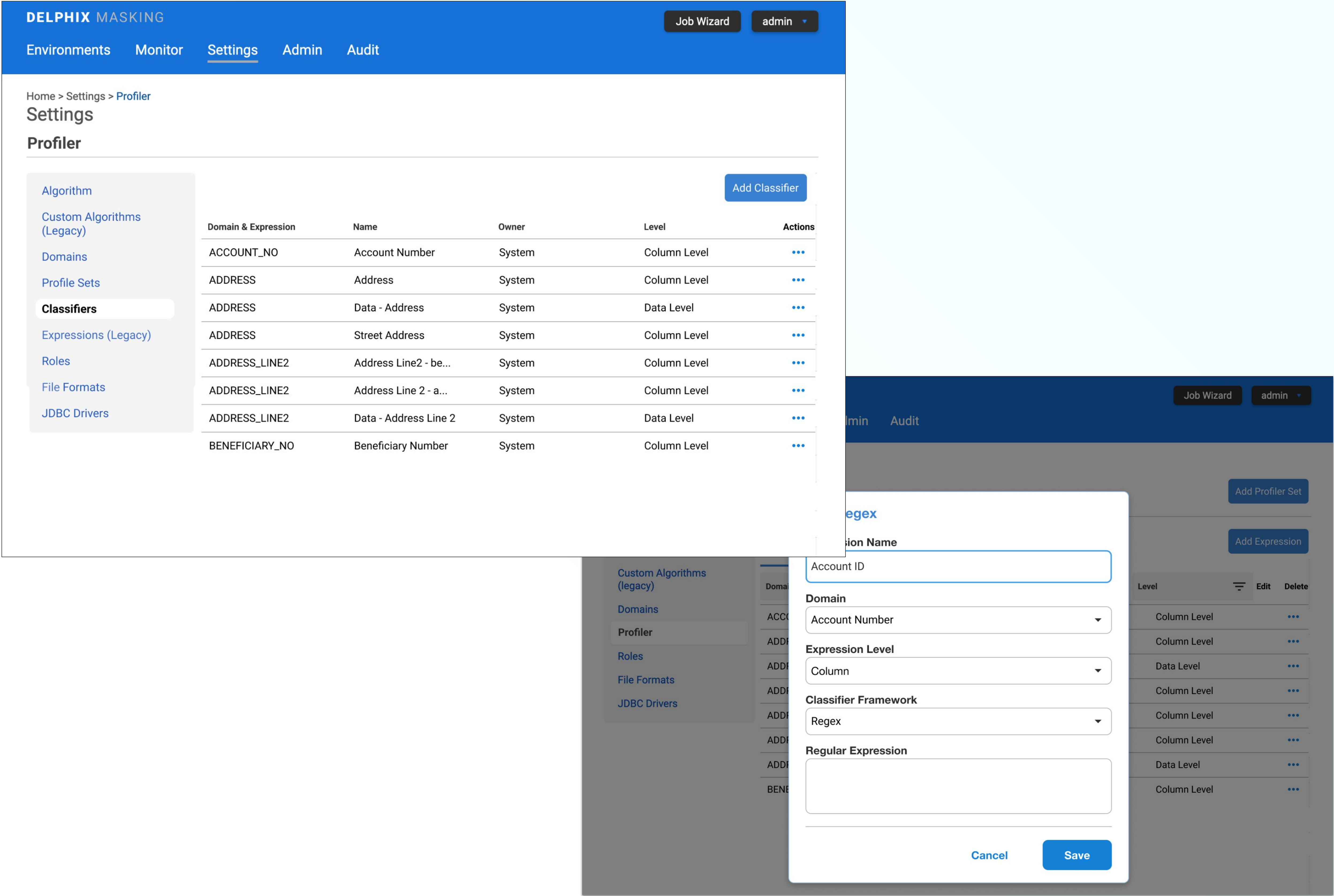
New & Updated for April 2023

- More ASDD Classifiers
- Classifiers User Interface
- Enhanced DocumentType support including JSON and XML
- Password Vault support for Hashicorp Vault
- CData License Upload
- ESXi Version End Of Life

UI Updates: Classifiers

New in 10

- Classifiers User Interface: Adds a new user interface for the Automated Sensitive Data Discovery classifiers
- More ASDD Classifiers: Adds additional classifiers for identifying Credit Cards, Addresses, Telephone numbers, US Passports, US SSNs, and Bank accounts



Enhanced DocumentType support including JSON and XML



Enhanced in 10

- Apply the multi-column algorithms to JSON and XML structures
- Support for the BLOB data type—JSON and XML structures stored in BLOBs.

Password Vault Updates

New in 10

This release adds Hashicorp Vault support for storing and accessing secrets, keys, and certificates necessary for PostgreSQL operations.

Dashboard

Software Version ⓘ

View

Engine

Current Version

Dynamic Data Platform 6.1.0.0-snapshot.20200811170735504+jenkins-ops-devops-gate-master-appliance-build-master-post-push-3722

Build Date

Aug 11, 2020 11:07:01 PM

Latest Version

6.1.0.0-snapshot.20200811170735504+jenkins-ops-devops-gate-master-appliance-build-master-post-push-3722

Central Management Connector

Enable

Users ⓘ

+

▶

✎

🗑

Username	Email
sysadmin	webtester1@smtp...

Managed Source Data

0.00 B

Aug 27, 2020

?

Storage ⓘ

Modify

Data

Unassigned

Unused

24.00GB

-

-

Name ^	Size	Usag...
Disk2:1	8.00GB	DATA
Disk2:2	8.00GB	DATA
Disk2:3	8.00GB	DATA

Time ⓘ

Modify

Time Zone

US/Pacific UTC -07:00

NTP Server

172.16.101.11

Authentication ⓘ

Modify

Authentication Service

Local Authentication

Network Authorization ⓘ

Modify

Kerberos Configuration

Disabled

Host Connection Authentication

Disabled

Serviceability ⓘ

Modify

Web Proxy

Disabled

⚠Web proxy not configured

Phone Home

Disabled

Add Password Vault

✕

Vault Type

HashiCorp

Authentication Method

Token

Vault Name

TestVault

Vault Hostname

1.2.3.4

Port

8200

Vault Namespace

test/namespace

Token

.....

Validate

Valid Vault

Cancel

Save

CData Partnership for Continuous Compliance



New in 10

- Allows our customers to purchase and use CData JDBC drivers from Delphix
- Connect to additional data sources with Continuous Compliance.
- Enables users to install the required license files on their engines.

VMware ESXi End of Life



Change in 10

- Delphix aims to match the our supported hypervisor vendors' product life cycles. ESXi 6.5 and 6.7 reach the end of Technical Guidance on 11/15/2023.
- To align our support, Delphix will end support of ESXi 6.5 and 6.7 in version 15.0.0.0 (November 2023 release)

Continuous Data

New & Updated for April 2023

- Azure Key Vault Integration
- ESXi Version End Of Life

Azure Key Vault Integration



New Features

- This release adds **Azure Key Vault support** for storing and accessing secrets, keys, and certificates necessary for Continuous Data operations

VMware ESXi End of Life



Change in 10

- Delphix aims to match the our supported hypervisor vendors' product life cycles. ESXi 6.5 and 6.7 reach the end of Technical Guidance on 11/15/2023.
- To align our support, Delphix will end support of ESXi 6.5 and 6.7 in version 15.0.0.0 (November 2023 release)

Updated Connectors

Connector	Version
Cassandra	v1.10
Oracle Backup Ingestion (OBI)	v4.1.9.0
MySQL	v3.0.0
Oracle EBS	v4.4.2

Updated Connectors

- **Cassandra v1.10:** adds security enhancements to the Cassandra and DataStax Enterprise data sources with SSL certification support.
- **Oracle EBS v12.2:** The v4.2.2 connector is certified on Oracle Database version 19c with RHEL8 and OL8
- **MySQL/Linux v3.0:** the connector is closed source and requires entitlement. Future connector updates are available through our download site with practitioner details at our documentation site. The open-source repository will be **archived**.
- **Oracle Backup Ingestion (OBI) v4.1.9.0:** supports recent Continuous Data Engines and introduce security fixes.

Recent Updates

FEB '23	MAR '23	APR '23
<p>Continuous Data (Virtualization)</p> <ul style="list-style-type: none">• Oracle: Multiple VPDBs in a VCDB• MS SQL Server 2022 Certification• CockroachDB Connector Update• MySQL, Postgres, and Db2 Updates <p>Data Control Tower (DCT) 5</p> <ul style="list-style-type: none">• Compliance Job Distribution Architecture• Global Compliance Engine Management• Global Compliance Jobs Management• Consumption Metrics and Source Sizing• Custom Roles and Permissions	<p>Continuous Data (Virtualization)</p> <ul style="list-style-type: none">• Export an Oracle VDB or a VPDB to a Physical Oracle ASM or Exadata Database• Auto Config Inheritance for MS SQL VDBs <p>Continuous Compliance (Masking)</p> <ul style="list-style-type: none">• Hyperscale Compliance 6• Automated Sensitive Data Discovery Classifier Additions• Profiler UI with Classifiers <p>Multicloud Applications</p> <ul style="list-style-type: none">• DCS for Azure: ruleset filtering, serial masking, package management• DCS for Azure Beta	<p>Continuous Data (Virtualization)</p> <ul style="list-style-type: none">• Azure Key Vault Integration <p>Continuous Compliance (Masking)</p> <ul style="list-style-type: none">• Hyperscale Compliance Support for MongoDB and improved performance• More ASDD Classifiers• Classifiers User Interface• Enhanced DocumentType support including JSON and XML• Password Vault support for Hashicorp Vault• CData License Upload• ESXi Version End Of Life <p>Data Control Tower (DCT) 6</p> <ul style="list-style-type: none">• Developer Experience User Interface• DCT Bookmark UI• Compliance Job Orchestration User Interface• ServiceNow