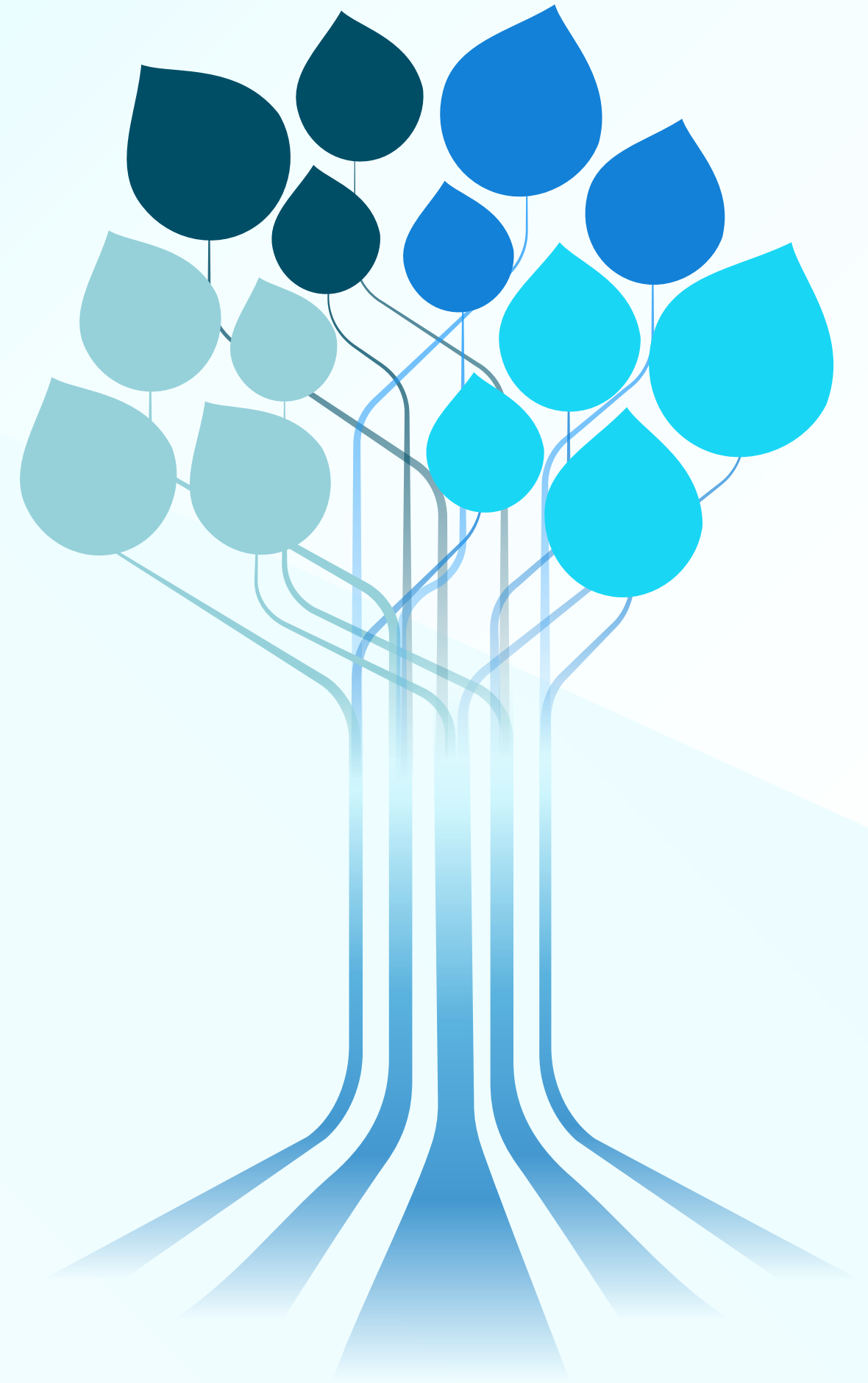


Product Release Update

What's New in 6.0.12 - Dec 2021 to Jan 2022



Not Susceptible to Log4j Vulnerability



- Delphix Platform was analyzed and found to be **NOT SUSCEPTIBLE** to the Log4j Vulnerability - [Tech Bulletin](#)
- As extra precaution in 6.0.12 Log4j Libraries updated to 2.17.1 across platform
- Not Vulnerable to:
[CVE-2021-44228](#),
[CVE-2021-45046](#),
[CVE-2021-45105](#),
[CVE-2019-17571](#),
[CVE-2021-4104](#)

Microsoft SQL Server Masking Connector

Create Masking Job

Job Name

Commit Size

Feedback Size

Masking Method

☒ Batch Update

Enable Tasks

Target: env1

☐ Multi Tenant

Pre SQL Script

Post SQL Script

Rule Set

Comments

Enable Tasks

<input type="checkbox"/>	Execution Order	Task Name
<input type="checkbox"/>	1	Disable Constraints
<input type="checkbox"/>	2	Drop Indexes
<input type="checkbox"/>	3	Disable Triggers

1

5

tasks per page

Showing 1- 3 of 3 tasks

Cancel

Save

- Updated UI for task management
- Enables new masking driver options for: Disable Constraints, Drop Indexes, & Disable Triggers
- Automatically migrates old masking tasks to the new version on engine upgrade

OAuth 2.0 for Virtualization & Masking



OAuth2

☒ Use OAuth2 access tokens

Issuer URI

`https://myissuer.com`

URI of the OAuth Authorization issuer.

Audience


`api://delphix`

The intended audience of the access tokens issued by the Authorization Server for Delphix Engine access.

User Identifying Claim

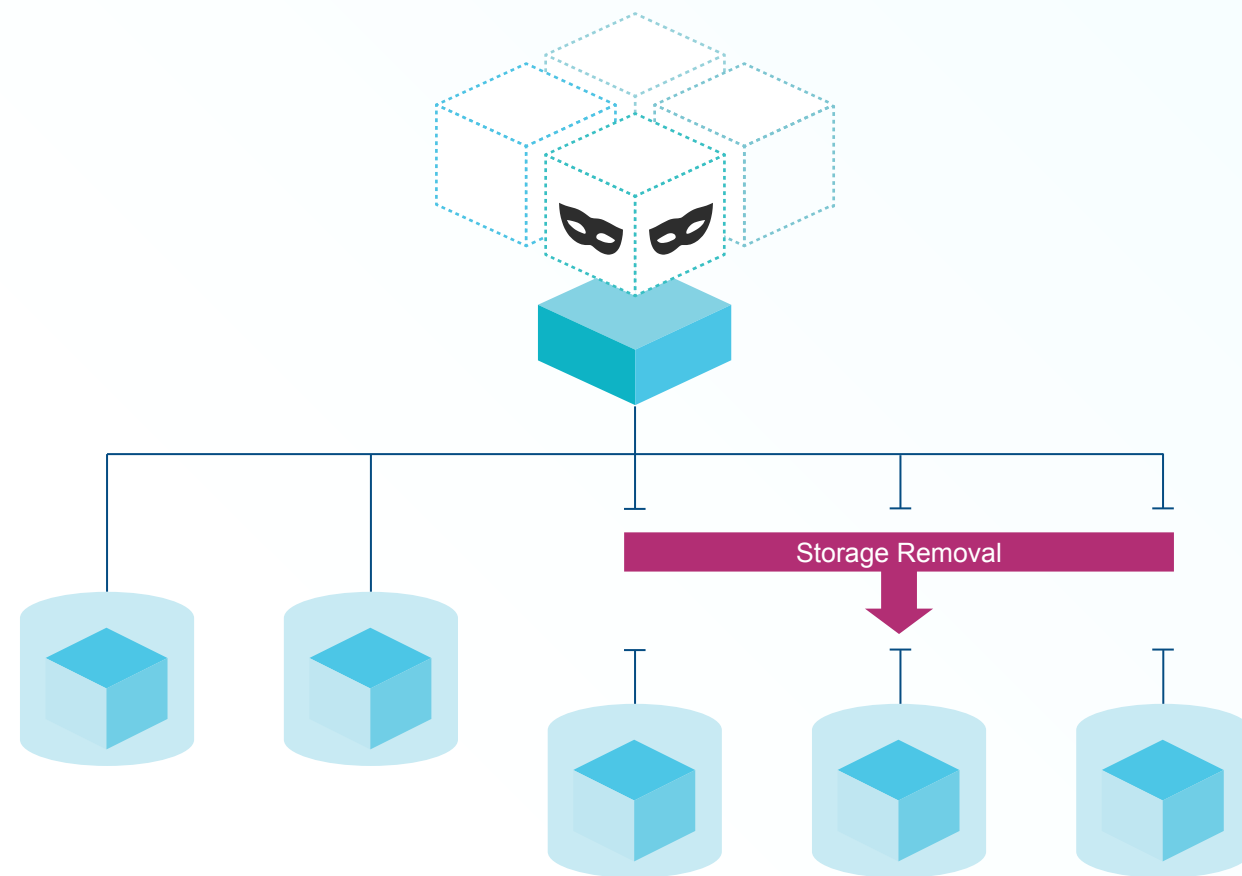
`sub`

The claim in a token that should be used to associate a JWT with a Delphix Engine user.

Show advanced 

- New UI for configuration
- New CLI token-based logins
- Works with Masking & Virtualization APIs
- Extends existing OAuth 2.0 support previously introduced in 6.0.11
- Improves security for API calls
- Enables token authentication for APIs providing an alternate to username/passwords

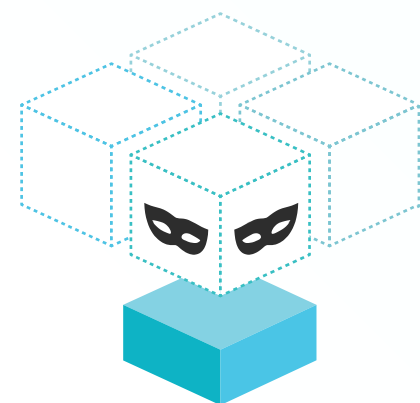
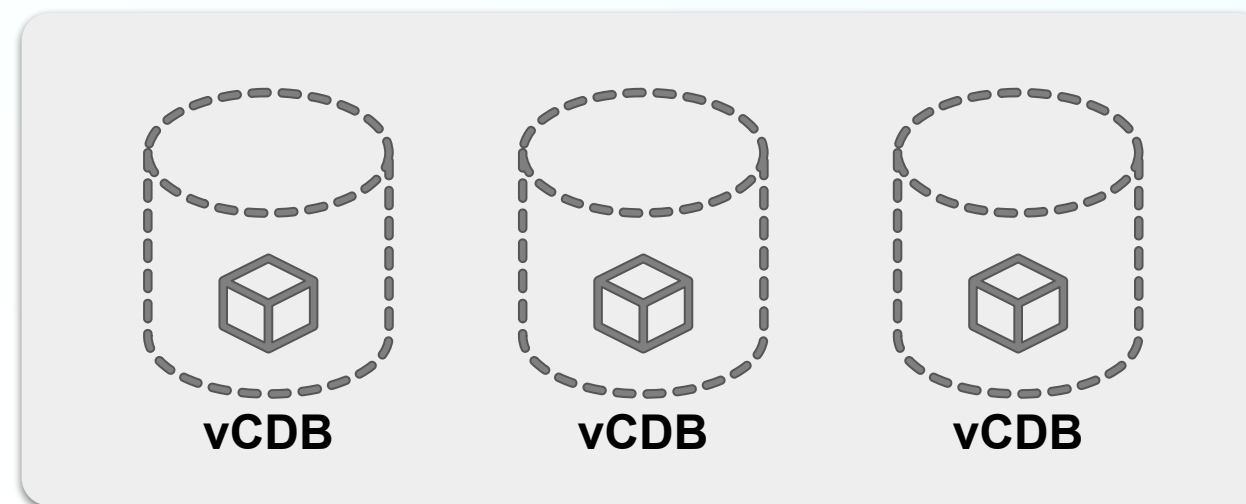
Introducing Multiple Storage Device Removal



- Remove multiple storage devices from virtualization engines
- Simplifies storage migration
- Quickly manage over-provisioned situations
- Improves upon one-at-a-time storage removal previously available

TDE Encrypted vPDB on Oracle Multitenant RAC

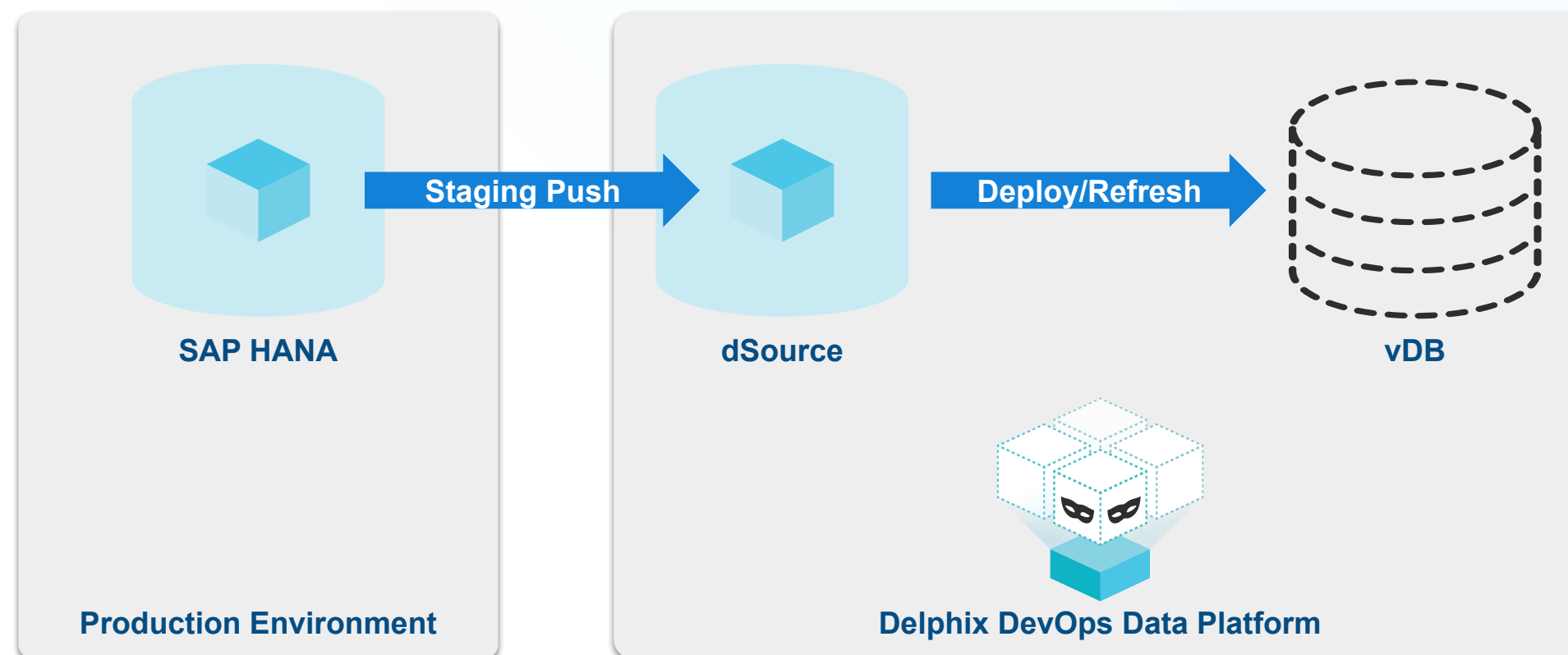
Oracle Multi-Tenant Real Application Cluster



Delphix DevOps Data Platform

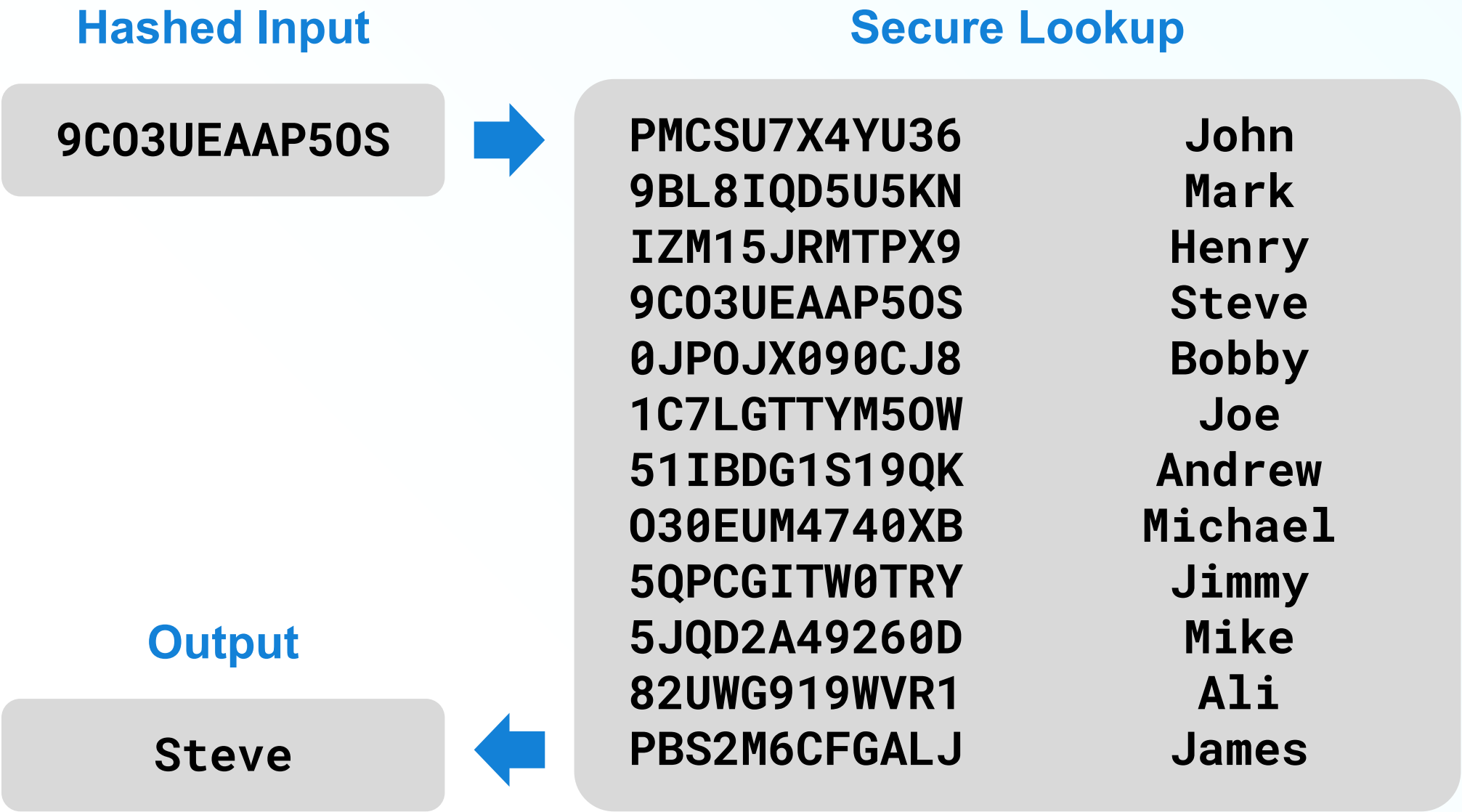
- Support for Transparent Data Encryption (TDE) for Virtual Pluggable Databases (VPDBs) in Oracle Multi-Tenant Real Application Cluster (RAC)
- vDB deployed from linked physical Container Database (CDB)
- Support for NFSv3 mount points only, NFSv4 in future release

SAP HANA Staging Push



- Makes it significantly easier to integrate with the many existing HANA-certified backup solutions
- Push new data into the Delphix DevOps Data Platform instead of requesting data during a polling interval

Masking: Secure Lookup V2



- Improved performance, flexibility, and forward compatibility
- Secure Lookup instances will be automatically migrated upon engine upgrade

Masking: Free Text Redaction

Free Text Input

Mark Henry had dinner with Molly Huntress
on December 25, 2021 at SPQR located at
1911 Fillmore St from 5:30 pm to 7:00 pm



Deny List

Mark Henry
Molly Huntress
SPQR
Fillmore



Output

XXXX had dinner with XXXX on December 25,
2021 at XXXX located at 1911 XXXX St from
5:30 pm to 7:00 pm

- Supports more granular control of redaction of words rather than phrases
- Improved text redaction speed
- Redact up to 32768 characters, 50 expressions, or 1000 words
- Users can now include free text redaction in their algorithm chaining

Appendix A:

Developer Updates

Developer Virtualization SDK 4.0



Examples

Get the CLI's help menu.

```
$ dvp -h
Usage: dvp [OPTIONS] COMMAND [ARGS]...

The tools of the Delphix Virtualization SDK that help develop, build, and
upload a plugin.

Options:
  --version          Show the version and exit.
  -v, --verbose      Enable verbose mode. Can be repeated up to three times for
                    increased verbosity.
  -q, --quiet        Enable quiet mode. Can be repeated up to three times for
                    increased suppression.
  -h, --help         Show this message and exit.

Commands:
  build              Build the plugin code and generate upload artifact file...
  download-logs      Download plugin logs from a target Delphix Engine to a...
  init              Create a plugin in the root directory.
  upload             Upload the generated upload artifact (the plugin JSON
                    file)...
```

- Developer Virtualization SDK now includes Python 3.8
- New plugin features will be built using Python 3.8
- Existing Python 2.7 plugins will still function and will be migrated to the new SDK in the future