Filling the Data Gap with Cloud Sandboxes and Data Virtualization

KEY BENEFITS

More Agility

Automate the deployment of complex applications including backend data an order of magnitude faster.

Less Risk

Significantly increase the confidence of releasing to production without compromising security

Higher Reliability and Reuse

Model complete applications once and ensure they can be quickly redeployed to the same state time and time again.

More Effective Compliance Test

- Turn your application portfolio into self-service clouds
- Deploy complex application stacks rapidly
- Run your compliance test in automated Continuous integration flows and rerun scenarios as needed with different virtual data sets

The Data Gap Challenge

Getting developers and testers access to production or production like data is a huge challenge - fraught with manual processes, long wait times, and high risks. Enterprises can easily take days or weeks to get production data into the dev/test pipeline. And even when they do – they risk exposing private information into their test environments. It is also why companies are so reluctant to release any application updates to production, since any changes would involve a lengthy compliance testing cycle. Many automation and orchestration tools focus on deploying compute resources (VMs) or configuring applications. Some focus on network configuration. Very few focus on data provisioning - and this is the Data Gap.

The Quali-Delphix Solution

The integration of Delphix Data Virtualization into Quali Cloud Sandboxes provides the bridge to close the Data Gap. Data Virtualization allows access to trusted and secured production data that is available on-demand in near-realtime, with very little overhead. Data Virtualization is like an abstraction layer that allows federating many disparate data sources (structured and unstructured), managing the data with snapshots and bookmarks, and securing and cleansing the data. Sandboxes allow deployment of all three key components of DevOps environments: compute, network, and productionlike data as well as your application under test (AUT). With the Quali + Delphix integration, businesses can deploy truly "full-stack" production-like environments across dev and test and get full confidence that they meet all their application compliance requirements before deploying into production.

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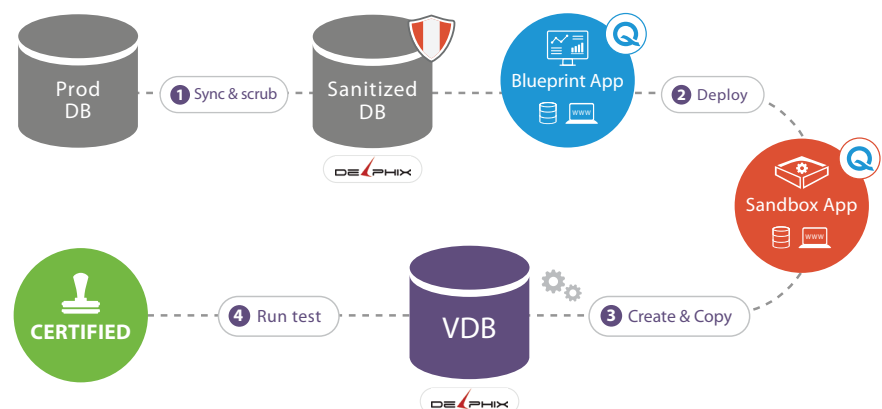
Key Features

Replicate and Virtualize Production Data

Provide an automated process to replicate your production data into virtualized datasets that can then be deployed into live application sandbox environments.

Deploy Full Stack Application Environments

Automate the deployment and configuration of all the infrastructure components necessary to model your application under test including compute, storage, network, and data.

Self-Service, On-Demand, Multi-Tenant

Publish application environments for on-demand deployment by your security teams for compliance test. Complete REST API allows deployment of application blueprints by DevOps and Test tools as well.

Rapid Blueprint Modeling

Quickly and easily model complex application and cloud infrastructure blueprints. Drag and drop physical, virtual, cloud, and app components onto a visual canvas; easily model database configurations and quickly set custom attributes and configurations.

Data Masking

Sanitize sensitive data to hide and encrypt private information. Generate reliable compliance test against your sandbox with the confidence that data privacy will not be compromised.

Replay Data Scenarios

Access your data directly from the CloudShell Sandbox. Easily create snapshots of your data and restore from previous virtual databases to validate your test scenarios and decrease the risk to release to production.
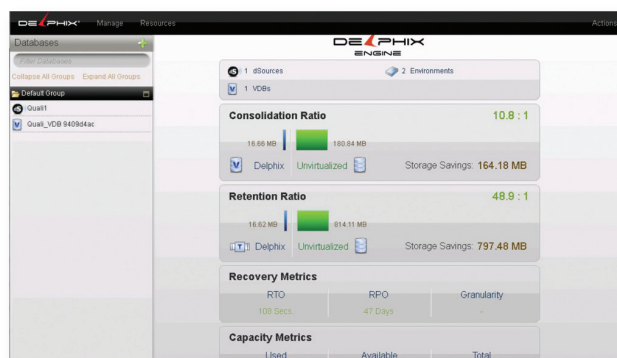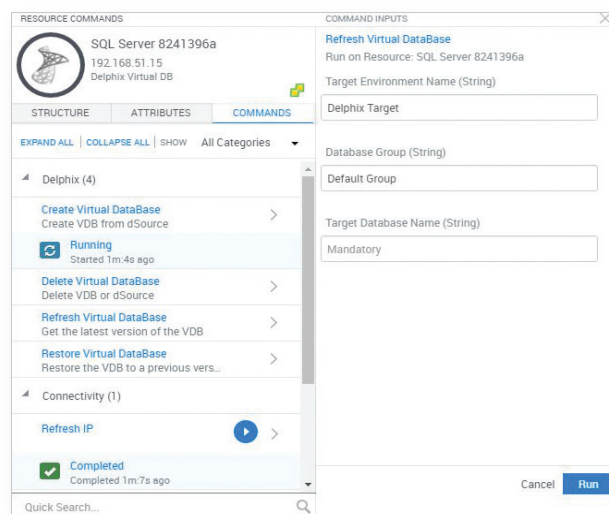
Partner Snapshot / **Delphix**

Delphix, the leader in data virtualization, helps companies release applications 10x faster by delivering secure, virtualized data across the application lifecycle. Delphix also seamlessly integrates data virtualization with data masking to help customers comply with regulations and protect themselves from data breach. Over 30% of Global 100 uses Delphix to deliver data 100x faster across development, testing, and reporting environments, driving dramatic productivity increases and improving data security.

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