Delphix for SAP HANA 2.0

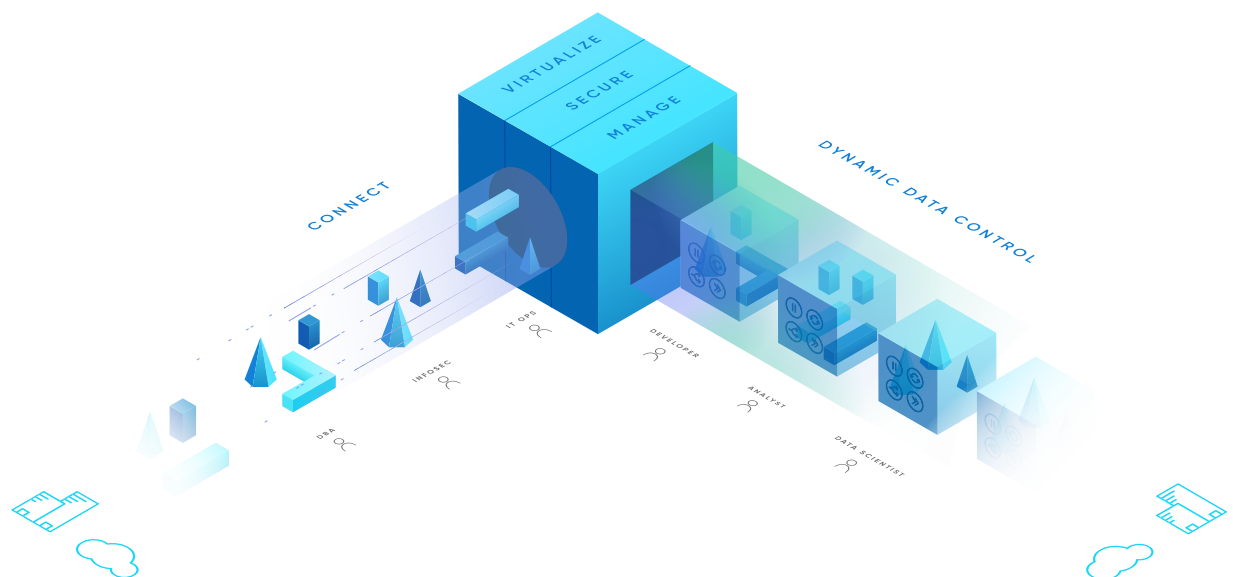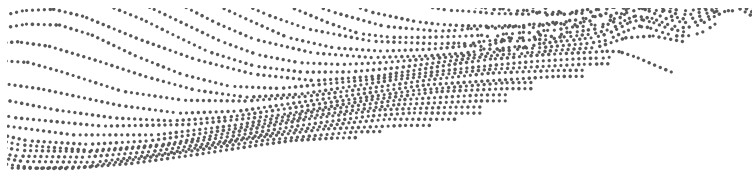## Bring data agility to HANA with the Delphix Dynamic Data Platform

INTRODUCTION

SAP HANA is the IT backbone for many of the world's most complex enterprises. Businesses moving to the HANA database and S/4HANA are looking for ways to accelerate this high-stakes migration while lowering risk. Once they've migrated, these same organizations need to customize and maintain the SAP core while also developing new, innovative HANA-based applications that are critical to gaining competitive advantage.

Too often, data stands in the way of executing those projects at speed. Migrating or implementing SAP apps can be constrained by the slow, manual process of extracting, managing, and moving data. Legacy approaches can take days or weeks, making data delivery the critical bottleneck to transformation initiatives that depend on HANA.

THE DELPHIX SOLUTION

The Delphix Dynamic Data Platform installs as a software appliance on premises or in a cloud environment such as Amazon Web Services (AWS) or Microsoft Azure. Delphix non-disruptively connects to either a production instance of HANA or existing backups and maintains an updated, versioned copy of that source. As source data is changed, added, or deleted, Delphix maintains an independent record of all changes. Instead of provisioning large, physical datasets to non-production environments, Delphix instantly provisions fully operational, virtual copies that take up a fraction of the storage. Virtual copies are packaged into personalized data environments and delivered with dynamic self-service data controls, giving data users the ability to access and manipulate HANA data at will.

DELPHIX

KEY FEATURES

AUTOMATED DATA RESET

Delphix provides dynamic data controls that allows BASIS administrators or end users to quickly reset HANA data to a prior state in development, testing, sandbox, training, or other non-production systems. Continuous availability of high-quality data enables data consumers to perform more test cycles, improve software quality, release more frequently, and eliminate downtime from test data creation and system preparation.

SPACE-EFFICIENT HANA ENVIRONMENTS

Through advanced virtualization, Delphix eliminates costs typically associated with making additional database copies for non-production environments. Virtual HANA copies have full production data, yet consume a fraction of the persistent storage space—20 virtual copies can fit into the space of a single physical copy.

SAP LANDSCAPE SIMPLIFICATION

The Delphix platform can create multiple branches and save points for HANA data environments. Teams can create separate branches for training, regression, sandboxing, or other uses cases and easily switch between active branches. This allows businesses to repurpose occasional-use systems for critical project needs and eliminate idle systems.

SUPPORT FOR MULTITENANT DATABASE CONTAINERS

The Delphix platform supports SAP HANA 2.0 multitenant database containers with tenant-level granularity, selectivity, and isolation. The Delphix platform can ingest individual tenants directly from production or existing backups and compress them by up to 75%. Delphix can then provision individual tenants from different sources into a single target HANA Instance.

INTEGRATION ACROSS HANA AND NON-HANA SOURCES

Delphix supports HANA as well as major RDBMS platforms such as Oracle, SQL Server, ASE, and DB2. Delphix can provision personal data environments in which virtual copies from multiple, heterogeneous environments are synchronized to the exact same point in time to streamline integration testing.

RUN ANYWHERE

Delphix works on premises, in a cloud environment such as AWS or Azure, or in a hybrid cloud model. Delphix can securely replicate HANA data to another data center or cloud, or allow businesses to easily provision cloud-based non-production environments that stay synchronized with an on-premises production source.

KEY BENEFITS

- **Reduce HANA Migration Timelines.** Easily stand up space-efficient migration environments for data conversion, validation, and cutover rehearsal.

- **Accelerate Application Delivery.** Deliver flexible HANA environments with the ability to instantly rewind data to a prior state, compressing dev/test cycles and avoiding lengthy refreshes.

- **Decrease Infrastructure Costs.** Boost environment utilization and dramatically reduce infrastructure costs through advanced virtualization.

ABOUT DELPHIX

Delphix's mission is to empower businesses to accelerate innovation through data. In a world where every company is becoming a data company, the Delphix Dynamic Data Platform gives teams self-service access to secure, personal data environments to fuel application development, analytics, and AI while also minimizing data risk.

For more information visit www.delphix.com

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