Delphix for Microsoft Azure

Accelerate migration, improve data security, and release applications faster in Azure

Microsoft Azure promises transformative gains in IT productivity and agility while reducing costs. Organizations, however, face significant data roadblocks in both migrating to Azure and in unlocking its benefits. The Delphix Dynamic Data Platform transforms how data is managed for cloud projects, enabling businesses to:

· Accelerate and de-risk migration to Azure

· Enable hybrid cloud architectures faster and more cost-effectively

· Secure sensitive data in non-production cloud environments

TRANSFORM DATA MANAGEMENT FOR AZURE

The Delphix Dynamic Data Platform enables companies to instantly move, secure, and govern data, significantly improving application delivery. Running on premises or as an Azure Virtual Machine in the cloud, Delphix connects to any major database—including SQL Server, Oracle, ASE, or DB2—and maintains an updated, version-controlled copy of that source. To secure any confidential information residing in that data, integrated masking allows administrators to easily identify and secure sensitive values, reducing the risk of breach and ensuring regulatory compliance.
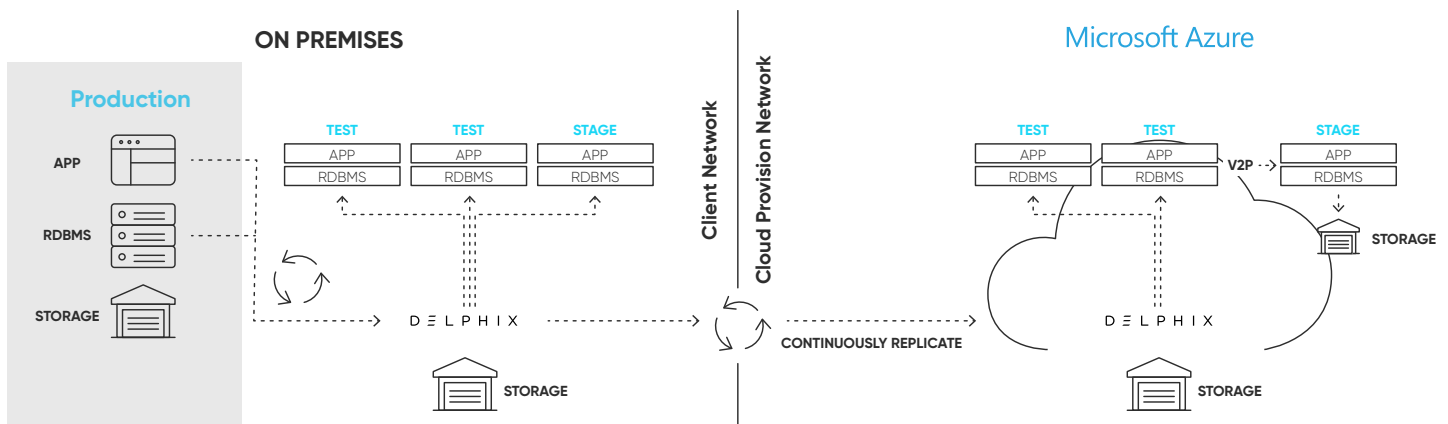

Figure: The Delphix Dynamic Data Platform accelerates migration to Azure

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Instead of provisioning large, physical datasets to non-production environments, Delphix leverages intelligent block sharing to create secure, virtual copies that take up a fraction of the storage. Virtual copies are packaged into personalized data pods and delivered with dynamic data controls—including the ability to instantly refresh, rewind, bookmark, and branch data—giving data consumers the ability to manipulate data at will. Pods are lightweight and can be easily stood up in minutes, torn down, shared with other users in an Azure Virtual Network, or easily replicated between locations. This gives businesses the flexibility to deploy Delphix capabilities on premises, across any of the 40+ Azure regions, or as a part of a hybrid cloud architecture.

USE CASES

Delphix eliminates key data challenges and shortens the execution path for companies migrating workloads to Azure.

- **Application and Database Migration.** A significant barrier to Azure migration is the large amount of data that needs to be moved into the cloud and then constantly refreshed. Once Delphix is connected to a data source, advanced compression and block filtering allow teams to replicate a significantly smaller amount of data during the first load into Azure. After the initial upload, Delphix replicates only changed data, eliminating future full-data uploads. Following replication, users can spin up lightweight test environments for validation and go-live rehearsal before leveraging Delphix virtual-to-physical (V2P) capabilities to automatically create a physical environment for production use.

- **Hybrid Development and Testing.** Delphix can ingest data on premises, automatically secure it with masking, then replicate only incremental changes to Azure—so that it is fast and easy keep data up-to-date in hybrid development and test environments, leading to significant improvements in application quality.

- **Security and Compliance.** The Delphix platform provides a complete solution to dis-cover and mask sensitive data across the software development lifecycle. Masking replaces sensitive data values with fictitious, yet realistic equivalents, reducing the risk of a potential data breach and driving compliance with key regulations such as HIPAA, PCI, and GDPR.

After successfully migrating to Azure, Delphix helps companies optimize operations and release applications faster.

- **DevOps.** By providing fast, automated, and self-service access to data across the software development lifecycle—as well as ready integration with CI/CD workflows—Delphix gives developers autonomy over their data and fills the data gap in the journey to DevOps.

- **Analytics.** Instead of relying on stale or incorrect data, analysts can run reports using current, high-fidelity datasets stored in the Delphix platform.

- **Production Break/Fix.** Delphix's accessible, transactional-level record of all changes makes it faster and easier to resolve production defects as they occur.

- **Infrastructure Optimization.** By removing the constraints of storing and provisioning data, Delphix can lead to significant improvements in operational scalability and agility in Azure. IT teams can reduce the costs of both Standard and Premium Azure storage by up to 90%.

KEY BENEFITS

- Accelerate application time-to-market by up to 50%

- Shorten Azure migration timelines by up to 50%

- Reduce storage and related management costs by up to 90%

ABOUT DELPHIX

Delphix's mission is to free companies from data friction and accelerate innovation. Fortune 100 companies use the Delphix Dynamic Data Platform to connect, virtualize, secure and manage data in the cloud and in on-premise environments. For more information visit www.delphix.com.

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