PrimaryIO
Hybrid Cloud Data Management   HDM

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Hybrid Cloud Data Management
A Data Centric Approach For Cloud Mobility

CLOUD OPPORTUNITY

Enterprises aspire to adopt public clouds broadly for agility and cost efficiencies, but cloud lock-in, total costs, security, and compliance remain barriers to cloud adoption. Besides, data gravity and large data limits enterprise ability to migrate applications with large datasets to cloud. For these reasons, many enterprises prefer hybrid cloud as a preferred strategy to leverage the best of both worlds.

DATA GRAVITY IS THE BARRIER

Enterprises have adopted cloud journey initially testing non-production workloads and migrating simple applications.However, expanding footprint to leverage the cloud for critical applications requires an architecture rethink. The size of the data for the many critical enterprise applications is enormous and immovable to the cloud. Applications with large dataset attract applications and services to closer proximity to create data gravity. Data gravity creates issues for high cloud transfer costs, intertwined dependencies on security practices and with cloud lock-in concerns restrict broader cloud leverage.

PRIMARYIO APPROACH

Hybrid Cloud Data Management (HDM) enables cloud mobility to run applications in the cloud, yet gain the freedom to retain data control. PrimaryIO's approach helps enterprises quickly embark on hybrid cloud journey and scale capacity in the cloud while preserving existing on-prem storage investments. Applications with large datasets (such as SAP, Microsoft, Oracle, Hadoop, etc.) that were previously deemed cost prohibitive for cloud migration can now scale capacity in the cloud.

HDM Solution

HDM's innovative technology decouples compute and storage enabling enterprises to migrate applications to the cloud or rollback to on-prem without requiring to replicate entire data in the cloud. HDM has built-in smarts to identify frequently accessed data (hot data) to get workloads up and running quickly in the cloud with rollback option. HDM platform uses a combination of patented technologies in the area of cloud caching, storage and transport optimization, for workload mobility, data control and enhance overall security posture with data control.
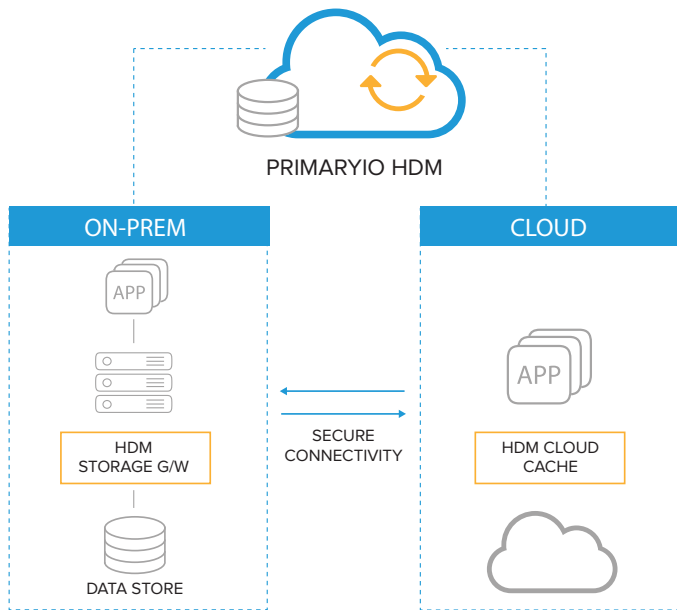
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Figure 1: HDM Solution

HDM USE CASES

HDM helps with the entire cloud migration life-cycle and unlock many use cases that were previously cost prohibitive. Enterprises now have the freedom to quickly try before commit, rapidly lift and shift workloads or rollback at will. HDM also enables advanced use cases to extend the critical application to the cloud or leverage cloud for the seasonal spike. Plus, HDM presents analytics for analysis and recommendations for planning and monitoring.

HDM BENEFITS

PrimaryIO's HDM solution enables hybrid cloud environment to run applications in the cloud, but sensitive data remains in enterprise control. HDM also coexists with on-prem storage to fully retain on-prem storage investment. The key benefits are seamless workload mobility, eliminate lock-in, gain data control and lower costs.

LEARN MORE
ABOUT PRIMARYIO

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