

PrimaryIO for VMware



Hybrid Cloud Data Management

Data On-Prem | Workloads Anywhere | Easy Migration

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 cloud storage cost 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 a 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 adoption.

PRIMARYIO APPROACH

Hybrid Cloud Data Management (HDM) solution enables a hybrid cloud environment to run applications anywhere, yet gain the freedom to retain data on-prem. 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, Oracle, Hadoop, Spark, Tableau 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 dataset in the cloud. In a disaggregated hybrid cloud environment, the WAN or interconnect latency impacts application performance and compromise security. HDM platform uses a combination of patented technologies in the area of cloud caching, storage and transport optimization, and security to significantly reduce latency, improve application performance and enhance overall security posture with data on-prem.

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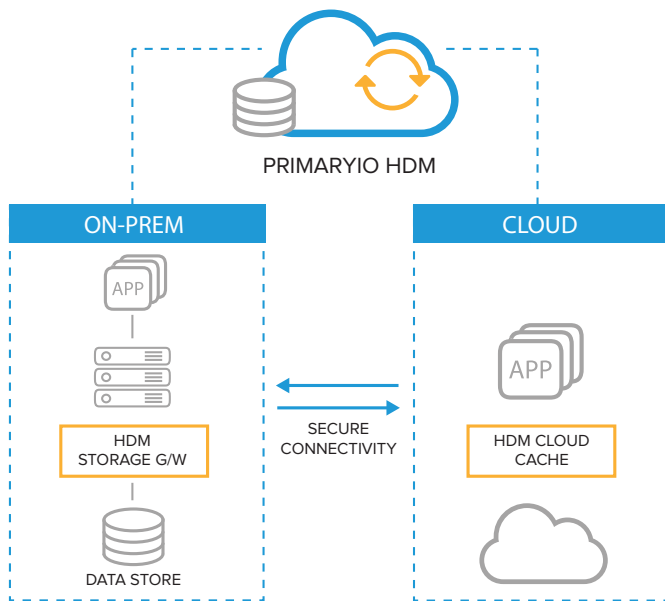



Figure 1: HDM Solution

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, and mitigate GDPR compliance risks. Plus, HDM presents analytics for, migration analysis and recommendations for upfront planning.

HDM BENEFITS

PrimaryIO's HDM solution enables hybrid cloud environment to run applications anywhere, but sensitive data remains on-prem 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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