Data Sheet

Dell Technologies Cloud Storage for Multi-Cloud

Best of breed storage directly connected to the public clouds of your choice

Customer Benefits

- High-speed, low latency connection to the public cloud
- Durable, persistent cloud attached storage with up to 6-9s availability
- Fast and simple multi-cloud access
- Eliminate cloud vendor lock-in with data independent of the cloud
- Scale up on demand without adding complexity
- Full operational consistency for VMware environments
- Automated DRaaS with VMware Cloud on AWS
- Efficiently run compute-intensive workloads in Azure
- No outbound data traffic costs with Azure
- No secondary data center or infrastructure to manage
- End-to-end managed service
- Simple and predictable subscription-based pricing
- 24x7 support

Business Challenges

Organizations today are increasingly leveraging public clouds as part of their cloud strategy for agility and reduced TCO. However, public cloud can lead to challenges such as inability to scale storage capacity and performance effectively, high operating costs, vendor lock-in, and data compliance and control issues.

Dell Technologies offers a solution that addresses these challenges by delivering durable, persistent cloud attached storage that is scalable, highly available, and has a flexible design to optimize costs and keep businesses in control of their data.

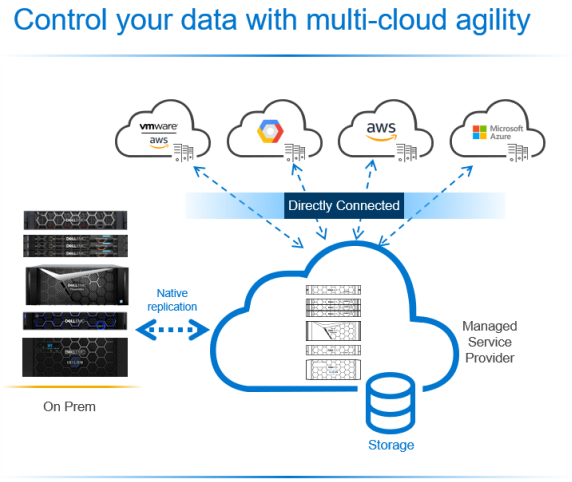
Solution Overview

Dell Technologies Cloud Storage for Multi-Cloud enables users to connect their file and block storage – Dell EMC Unity, PowerStore, PowerMax and PowerScale - consumed as a service, directly to public cloud(s) including VMware Cloud on Amazon Web Services (AWS), AWS, Microsoft Azure and Google Cloud Platform. This is done through a high-speed, low latency connection from Dell EMC storage at a managed service provider to the cloud or clouds of choice. Organizations gain an on demand, cloud consumption model for both compute workloads and storage combined with the high performance, up to 6-9s availability, and scalability of Dell EMC storage. This solution is ideal for securely moving or deploying demanding applications to the public cloud for disaster recovery, analytics, test/dev and more.

Multi-Cloud Agility

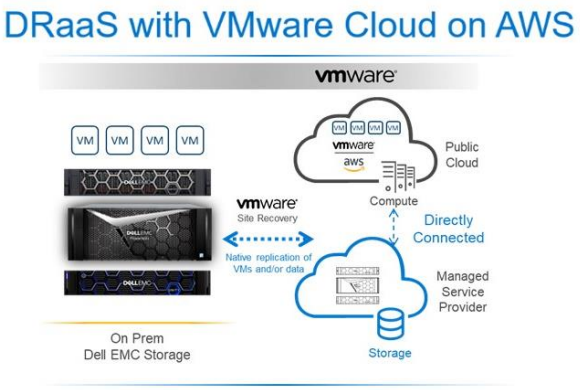
Hyperscale cloud vendors are constantly innovating and developing new services and capabilities that makes multi-cloud access desirable. However, there can be significant time and complexity associated with moving data between clouds. Storage for Multi-Cloud offers agile, multi-cloud support allowing users to easily and quickly leverage multiple clouds and switch clouds based on applications' needs to maximize business outcomes.

Organizations can avoid cloud vendor lock-in by keeping data independent of the cloud, so they do not have to worry about high egress charges, migration risk, or time required to move data. Extending the data center to the cloud using enterprise-class storage empowers users to innovate in the cloud and easily scale cloud environments to hundreds of thousands of IOPS to support high-performance workloads, while reducing risk and maintaining complete control of their data.



Automated Disaster Recovery as a Service (DRaaS) with VMware Cloud on AWS

With Cloud Storage for Multi-Cloud, businesses running VMware environments can deploy an automated, rapid DRaaS solution in VMware Cloud on AWS for seamless, cost-effective and enterprise-grade DR in the cloud. This solution makes it easier and more affordable to achieve higher levels of resiliency and provides complete operational consistency from on premises to the cloud. VMware Site Recovery along with native replication of the storage arrays enable setup and automation of DR operations. Leveraging the cloud for DR relieves the burden of maintaining a secondary site for significant cost savings. Plus, with data on external storage, users only need to use compute in the cloud in the event of a failover.



Microsoft Azure for Compute-intensive Workloads

Dell Technologies Cloud PowerScale for Microsoft Azure provides a higher bandwidth (up to 200Gbps) and lower latency (as low as 1.2ms) connection to the cloud using Azure ExpressRoute Local. This solution allows for the right combination of storage and compute in the cloud for data-intensive, high I/O throughput workloads that require high compute performance on a periodic and/or unpredictable basis. With no outbound data traffic costs, this solution enables workloads that require a lot of temporary writes to storage to cost-effectively take advantage of Azure's application services. This is ideal for industries such as Life Sciences and Media and Entertainment, giving them the best of both worlds – reliable, cost-effective Dell EMC Storage performance at scale and the scalable compute performance of Microsoft Azure.

Why Dell EMC Storage

With Cloud Storage for Multi-Cloud you gain the advantages of Dell EMC storage including high-availability for business continuity, data resiliency, and flexible scalability coupled with the economic benefits of a public cloud-based service. Because Dell EMC storage is persistent, organizations will not lose data if a node in the cloud is deleted. Plus, native replication capabilities allow businesses to easily move their data from on-premises to workloads in the cloud.

This solution is supported with Dell PowerStore smart adaptable storage for next-gen workloads, Dell EMC Unity XT for simple and efficient unified block and file storage, Dell EMC PowerMax built with end-to-end NVMe for massive scale and performance, and Dell EMC PowerScale scale-out NAS for demanding file workloads.

Availability and Services

Dell Technologies Cloud Storage for Multi-Cloud is available in the US, UK and EMEA for the following public cloud providers: VMware Cloud on AWS, AWS, Google Cloud and Microsoft Azure.