

TOP REASONS WHY: DELL EMC POWERMAX FOR CLOUD

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As customers recognize that a winning IT infrastructure strategy will embrace both private and public cloud technologies, Dell Technologies delivers solutions that enable customers to leverage both, with ease. In a multi-cloud world, customers want to know that their storage investments are designed to flexibly integrate their on-prem infrastructure investments with built-in cloud data services, leveraging the agility and cost-effectiveness of the public cloud to optimize IT delivery. Dell EMC PowerMax delivers an Enterprise-Class storage solution that expands data connectivity to the cloud as well as allowing data to be simply consumed by cloud infrastructure.

1 | Simple Disaster Recovery as a Service for VMware

With *Multi-Cloud Services for Dell EMC PowerMax*, users can connect their on-premise PowerMax system, and replicate data using the native tools they know and love, to this true, As-a-Service Disaster Recovery offering for VMware-based workloads. There's no need for secondary data centers, costly infrastructure, or special skills, as this solution is operationally consistent with on-premise VMware deployments. Customers can implement flexible data mobility and a cost-effective operating expense model for automated DR with PowerMax in VMware Cloud on AWS. When a test is required, or a disaster declared, the process of recovery is seamless to the customer. It could not be simpler.

2 | Agile, Multi-Cloud Based Applications, using On-Premise Data

Have you ever wished you could leverage the amazing array of public cloud services and applications against the data generated by your on-premise applications? Well, now you can. A key offering of the *Multi-Cloud Services for PowerMax* solution, users gain the agility and economic benefits of public cloud-based applications and services, while also leveraging the high availability and durability of the world's most robust enterprise storage system and maintaining complete control of your data. PowerMax replicates to the storage service using native SRDF technologies. When desired and leveraging patented technologies, the application data you choose can be shared to compute resources in any hyperscaler, concurrently through a high-speed, low latency connection. And as a bonus, we have a special agreement with Microsoft Azure, whereby there are absolutely no egress charges when using this solution within Azure.

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3 Cost-Effective Snapshot Archiving

Dell EMC's cloud-connected storage systems address rapid data growth and extend the useful life of valuable data center resources, with simple and efficient data mobility to and from public clouds. Cloud Mobility for PowerMax leverages the public cloud as an economical storage tier, ideal for archiving and long-term retention. With this solution, older snapshots can be archived securely (data is always encrypted) and efficiently (data is compressed in flight) to very cost-effective Object-based storage offerings, with savings of up to 50%*. PowerMax is integrated into these copies and can analyze and recover them whenever required.

4 Leverage Native Public Cloud Infrastructure for On-Premise Data

Extending the snapshot archiving use case with *Cloud Mobility for PowerMax*, customers can take any of the archived snap copies sitting in the public cloud and via a freely available Dell EMC vApp running in AWS, re-hydrate the data. This offering analyzes the application data and can enable application data recovery to native AWS block storage (Elastic Block Storage) and leveraging EC2 compute infrastructure as a service and AWS native application services, customers can run secondary application use cases against the data, such as re-use for services such as reporting or analytics. Object data can also be re-hydrated from Dell EMC PowerScale and ECS object store to block storage through a vSphere vApp.

5 Visibility to all Storage Assets Any-Time, Anywhere

CloudIQ combines machine intelligence and human intelligence, enabling algorithms to be continuously updated leveraging Dell EMC product and subject matter expertise, combined with industry best practices to address the most potentially impactful issues. This provides IT administrators with the information they need to take quick action and more efficiently manage and secure their Dell EMC storage environment, at no additional cost.

PowerMax Cloud Offerings



* Based on Dell Technologies testing, June 2020 based on PowerMax 8000 3 Year TCO calculation.