

WHY CUSTOMERS DEPLOY DELL EMC POWERSTORE IN VMWARE ENVIRONMENTS

Dell EMC PowerStore achieves new levels of agility and operational versatility for today's VMware environments. It takes the best modern storage technology from purpose-built arrays and incorporates the advanced capabilities of VMware's ESXi hypervisor to provide unprecedented flexibility.

1 Built for the VMware Ecosystem

Dell EMC PowerStore delivers deep integration with VMware vSphere. PowerStore is designed for VMware vVols and runs them natively. PowerStore can also come with ESXi installed, providing a feature – AppsON – that enables running virtualized applications directly on the storage platform. It supports the vSphere storage offload primitives allowing storage operations such as block zeroing and data copies and it can be managed by your existing vCenter via the optional Dell EMC VSI vCenter plugin. This functionality increases VMware Administrator efficiency as well as improve the performance and reliability of VMware environments.

2 Cloud Integration

Dell EMC PowerStore can be deployed with VMware Cloud Foundation (VCF) to fully support VCF Virtual Infrastructure (VI) aka Workload Domains. PowerStore can be utilized as principal or supplemental storage in VCF Workload domains. Leveraging Dell Technologies Cloud Storage for Multi-cloud, PowerStore can make your selected on-premises data sets available for consumption in VMware Cloud on Amazon Web Services (AWS), Microsoft Azure and Google Compute (GCP), via direct, low latency connections.

3 Performance for Virtualized Environments

Customers increasingly use VMware as their default, trusted Infrastructure deployment platform. As they embrace next-gen applications – modern analytics, containers, NoSQL database tools and AI/ML, VMware will be at the heart of these deployments. Dell EMC PowerStore is built to address these next-gen storage heavy requirements and provide the highest level of performance needed. PowerStore storage appliances can be clustered to provide both scalable compute as well as scalable storage. By embracing the very latest storage technology available (end-to-end NVMe design and Intel Optane Storage Class Memory), together with inline, always-on data reduction (advanced deduplication and hardware accelerated compression (via Intel QuickAssist), customers can be assured of a highly performant VMware environment that adapts to their changing workload needs

4 Mission-Critical Availability with Enterprise Class Data Protection

PowerStore is inherently highly available having an active/active storage controller and integrates into VMware Site Recovery Manager to provide a highly available application platform for VMware environments. PowerStore can replicate its data sets to other PowerStore arrays ensuring continuous data availability. PowerStore delivers fault tolerance to your VMware environments. It also has built-in data protection and data-at-rest encryption schemes to protect against local data loss.

5 Future-Proof Investment

Dell EMC Future-Proof Storage Program takes the worry out of buying storage. Purchasing a Dell EMC PowerStore qualifies for the 3-Year Satisfaction Guarantee, All-Flash Storage Efficiency Guarantee, Never-Worry Data Migrations, Hardware Investment Protection, and Clear Price Maintenance as well as the availability of Anytime Upgrades. Get peace of mind with Dell EMC PowerStore.