TOP 10 REASONS WHY CUSTOMERS DEPLOY DELL EMC POWERMAX FOR SAP LANDSCAPES

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1 | More Than A Decade of #1 Market Share for SAP

For over a decade, Dell EMC storage has maintained #1 market share in enterprise companies running SAP. Over and over, when SAP customers evaluate storage solutions to meet their growing SAP landscape requirements, Dell EMC is the answer. PowerMax continues this tradition as the premier enterprise storage offering from Dell EMC for SAP.

2 | The Proven Platform for SAP Landscapes

Dell EMC and SAP engineering work closely together to design and certify best practice configurations that customers can implement quickly and efficiently. Dell EMC is the worldwide leader in converged infrastructure, bringing together best-of-breed technologies from Cisco, VMware, and Dell EMC to simplify IT and accelerate innovation. Dell EMC has broken the physical boundaries of traditional converged infrastructure to give businesses the unprecedented simplicity and flexibility.

3 | The World's Most Powerful Storage Array

With PowerMax, unlock the power of NVMe, hundreds of CPU cores and terabytes of global cache pooled and allocated on-demand to meet the performance requirements of dynamic mixed SAP and/or SAP HANA workloads. PowerMax provides up to 10M IOPS, 150 GB/s bandwidth and uses the latest and greatest NVMe flash drives. You can scale from as little as 13 terabytes up to 4 Petabytes while maintaining sub-300 microsecond response times for mixed workloads.

4 | Superior Protection of SAP Data

PowerMax uses various data protection methods to assure your SAP data is never compromised. Advanced fault isolation, robust data integrity checking and non-disruptive upgrades and migrations all ensure SAP data is never compromised and always available. Leverage Data at Rest Encryption (D@RE) with no performance penalty and use Secure Snaps to assure copies of your data are not deleted accidentally or maliciously. Extend protection off the array with ProtectPoint for SAP to eliminate impact on backup and application servers and reduce overall complexity.

5 | Proven Mission-Critical Availability

Dell EMC VMAX has always been an industry leader in 'high availability.' PowerMax continues that tradition with proven 6 nines (99.9999+) of availability built into each platform and options for both local and remote protection. Leveraging modern space efficient copy technology, SnapVX, you can create hundreds, even thousands, of local copies that can be used for SAP application or database recovery and protection. For mission-critical high availability, PowerMax can be configured for single or multi-site remote protection, using SRDF, in both active-passive and active-active configurations (active-active provides constant availability with zero downtime if one site fails).

6 | SAP Landscape Consolidation

With a family of PowerMax models, choose the right model for your specific requirements. PowerMax leverages a shared resource, scale-out & NVMe flash-optimized design so you can start small and grow to enterprise cloud scale. These systems are also highly integrated with all major virtualization technologies, supporting thousands, even 10's of thousands, of virtual machines (and Virtual Volumes). SAP instances, both production and non-production, can now be consolidated at massive scale. Protect production performance from any impact from non-production or any other workloads with Quality of Service tools like Host IO Limits, which assures your key workloads always get the performance they demand.

7 | Storage Efficiency for Lower TCO

Inline deduplication and inline compression dramatically increases the TCO of a storage solution. With combined data reduction rates for databases at around 3:1, you can now triple your available capacity at no extra cost. Inline data reduction is performed in hardware, so there is virtually no performance penalty. PowerMax delivers and optimized data efficiency benefit for typical configurations when inline deduplication and compression is combined with space efficient snapshots and other space saving features.

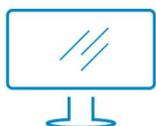## 8 | Automation & Self-Service for SAP Landscapes

SnapVX can create space efficient snapshots (copies) which allow hundreds, even thousands, of application copies to be created using hardly any additional storage. PowerMax includes 'Integrated Copy Data Management' (iCDM) providing simple creation, management and orchestration of database copies. SAP administrators and DBA's can now create and manage their own copies to suit their requirements. Secure Snaps allow copies to be protected from accidental or malicious deletion. Orchestration of copies can be done using AppSync, a Dell EMC multi-platform copy management tool. Appsync is an advanced copy management software application that integrates seamlessly with PowerMax arrays to enable iCDM.

9 | Converged Infrastructure for Accelerated Deployments

Benefit from a true converged infrastructure experience and the highest levels of performance and availability with a Dell EMC VxBlock converged system, leveraging PowerMax arrays. These converged IT infrastructure systems integrate compute, network, storage, virtualization, and management in one solution built and supported by Dell EMC. For SAP HANA implementations the VxBlock converged infrastructure systems are certified as SAP HANA approved appliances.

10 | Future-Proof

The Dell EMC Future-Proof Storage Loyalty Program takes the worry out of buying storage. Purchasing PowerMax qualifies for the 3-Year Satisfaction Guarantee, 4:1 All-Flash Storage Efficiency Guarantee, Never-Worry Data Migrations, Hardware Investment Protection, All Inclusive Software and Clear Price Maintenance. Get peace of mind with your PowerMax solution for SAP landscapes.

Learn more about Dell EMC [product name] solutions

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