DELL EMC POWERSTORE

Agility and Operational Versatility for Today's Digital World

Perfekt

DELL Technologies
PLATINUM PARTNER

TOP REASONS WHY CUSTOMERS CHOOSE DELL EMC POWERSTORE

Dell Technologies and Perfekt have partnered to bring Australian organisations Dell EMC PowerStore Storage solutions, which can help you achieve new levels of agility and operational versatility for today's cloud-mobile IT infrastructure.

Leveraging a containerised software architecture, PowerStore takes the best modern storage technology and eliminates the typical trade-offs in performance, scalability and storage efficiency. By incorporating the advanced capabilities of VMware's ESXi hypervisor PowerStore provides unprecedented flexibility by not only enabling virtualised hosting of user applications directly on the appliance but doing so with seamless integration into the customers IT management environment and VMware ecosystem.

Here are the top nine reasons why organisations choose to store with Perfekt and Dell EMC PowerStore appliances.

1. SOFTWARE-DEFINED ARCHITECTURE

Built on a container-based software architecture, the PowerStore appliance provides unique capabilities for delivering and integrating advanced system capabilities. The container modularity enables feature portability, standardisation and rapid time-to-market for new initiatives and enables maximum flexibility when deploying. Additionally, proven applications including AppSync, SRM, and Data Protection Suite can be integrated directly into the PowerStore operating environment.

2. UNMATCHED AGILITY WITH APPSON

Integration of PowerStore's software-defined architecture with on-board VMware ESXi results in a new level of consolidation for enterprise storage, combining the benefits of local on-array application environment with unmatched integration with the vSphere management environment and server resources. Benefits to the AppsON capability include increased agility for app deployment with seamless movement between the PowerStore appliances and VMware ESXi servers.

3. INTELLIGENT AUTOMATION

PowerStore streamlines app development and can automate storage workflows through integration with a broad ecosystem of leading DevOps and open management frameworks. It supports comprehensive integration with VMware management and its operational features including vSphere storage management and provisioning, VAAI, VASA and native vVols are all supported.

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4. AUTONOMOUS OPERATION

PowerStore leverages intelligent data placement to improve system utilisation and performance through the balanced provisioning of new appliance storage volumes, while the machine learning engine continuously monitors the cluster and recommends actions for re-balancing of cluster resources, identifying and automating the changes required to maintain optimal efficiency.
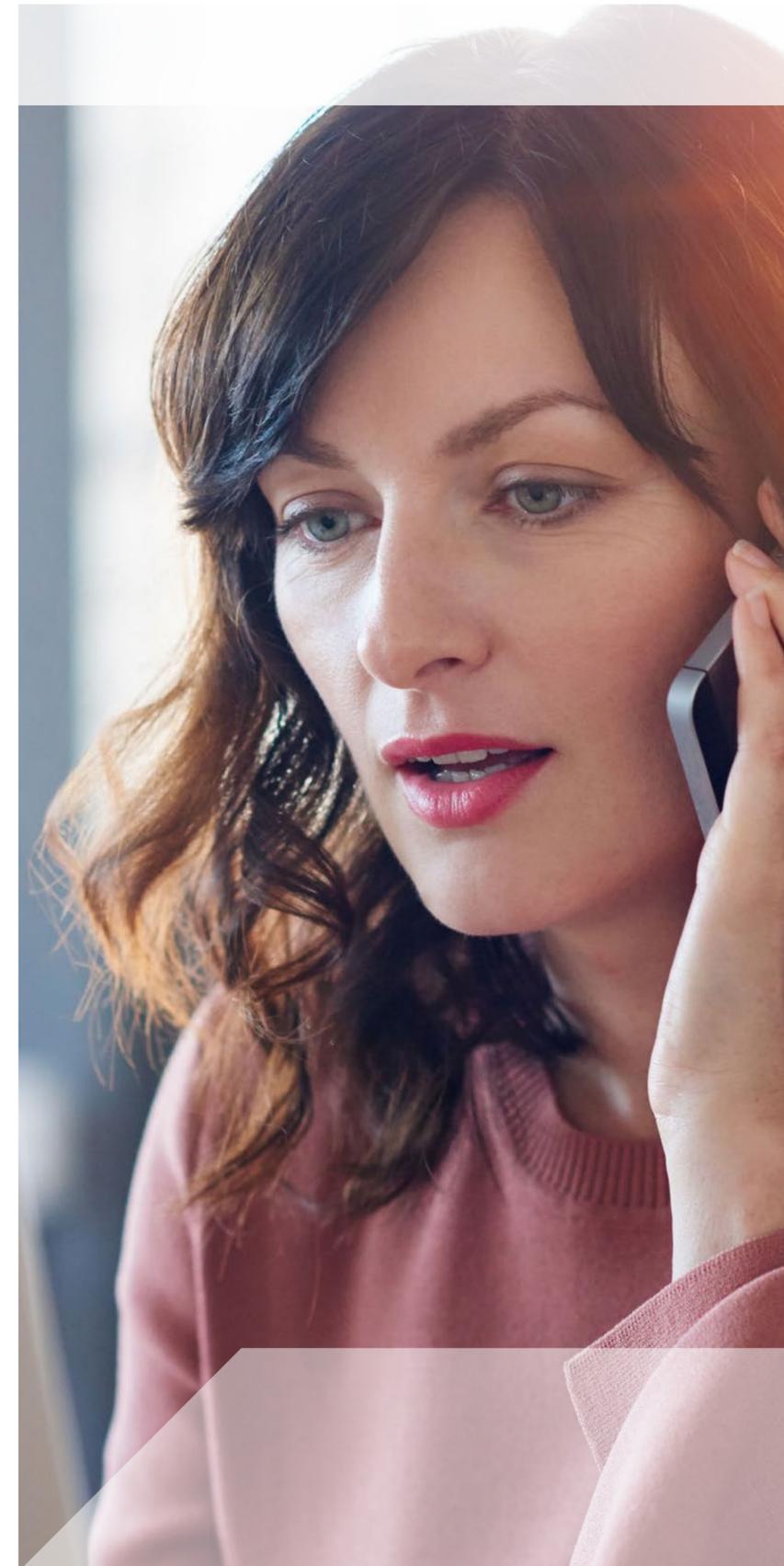
5. NEXT-GENERATION STORAGE TECHNOLOGY

Designed from the ground up, PowerStore exists to take advantage of the latest developments in storage, interface and network technologies. The all-NVMe architecture of the PowerStore appliance delivers the full benefits of solid-state storage, with higher bandwidth and lower latency to match the requirements of Flash SSDs, as well as new dual-ported Intel Optane storage class memory (SCM) for even greater performance. PowerStore's high-availability active-active design supports block, file and vVols natively on a single system and delivers superior, consistent storage efficiency enabled by its intelligent, always-on data reduction, including advanced deduplication and compression, with the significant performance benefits of hardware acceleration utilizing Intel QuickAssist Technology.

6. POWERING THE CLOUD

Organisations leveraging PowerStore can easily integrate your on-premises infrastructure into hybrid cloud solutions environments while maintaining operational consistency. For VMware organisations, VMware Cloud on AWS delivers a seamless hybrid cloud by extending the on-premises vSphere environment to the AWS Cloud, and delivering POwerStore block and file services for VCF deployments. With PowerStore's AppsON capability through vSphere, users can easily migrate applications and data between PowerStore and AWS based on requirements, without requiring additional management tools for simple and consistent operations.

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7. SCALE UP AND OUT FOR FLEXIBLE GROWTH

Advanced clustering technology enables PowerStore to scale system processing power for up to four appliances, while individual drive scaling can address flexible capacity growth and resource balancing. With such a balanced approach to storage scalability, the traditional strength of midrange storage, delivering cost effective scaleup capacity, is matched with the ability to scale performance as your app needs grow and evolve. Moreover, with intelligent resource balancing, PowerStore can automatively balance storage and workloads to maximise system utility.

8. PREDICTIVE ANALYTICS AND PROACTIVE MONITORING

CloudIQ is a native cloud-based storage analytics application that's included at no cost with PowerStore appliances. It delivers comprehensive monitoring of system health, performance, capacity, configurations, and on-array protection metrics. Combining these metrics with machine learning and predictive analytic measurements, it enables improved capacity planning and can fix problems before they disrupt business. Additionally, CloudIQ creates comprehensive and proactive health scores for each array to ensure each PowerStore appliance delivers the optimal foundation for running business data with the highest possible availability.

9. FUTURE-PROOF WITH ANYTIME UPGRADES

Behind every Dell EMC PowerStore system lies Dell's Future-Proof Program which includes a 4:1 Data Reduction guarantee as well as Anytime Upgrade, the industry's most flexible controller upgrade program. Anytime Upgrade provides data-in-place upgrades to the next-generation of appliances, the next generation plus a higher model, or a scale-out of existing environments with a second system equal to the first. PowerStore nodes can be replaced non-disruptively while preserving existing drives and expansion enclosures, without requiring new licensing or additional purchases. With PowerStore, infrastructure can be modernized without a forklift upgrade, without downtime, and without impacting applications.

Perfekt

LEVERAGE DELL EMC POWERSTORE WITH PERFEKT

Whether you're looking to unlock the true power of your data, need a new solution implemented without compromising current operations, or need to accommodate legacy workloads, Dell EMC PowerStore gives you storage designed for the data-era, without the traditional trade-offs in performance, scalability and storage efficiency.

With Dell Technologies and Perfekt as your technology partners, you can leverage PowerStore to unlock the power of your data, regardless of its structure or location, helping you adapt and transform your IT without disrupting business-as-usual.

PERFEKT DELIVERS:

- **Flexible deployment options**

- **Simplified but powerful infrastructure**

- **Lading support and services**

Speak to us today to find out how Perfekt's team of infrastructure experts can deliver Dell EMC PowerStore to help you transform your infrastructure, and ultimately, transform your organisation.

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1. Based on Dell analysis, April 2020 using publicly available data to compare the highest available program/subscription offers for controller upgrades. Requires purchase of Anytime Upgrade Standard or Select option and minimum 3-year ProSupport or ProSupport Plus contract at point of sale to qualify. Upgrade eligibility begins 180 days after invoice.