

Dell PowerScale for Microsoft Azure

Dell Managed

Trusted, scalable, and high-performance enterprise-class file storage, natively integrated with Microsoft Azure.

ESSENTIALS

Offer Details

- Dell Managed Azure Native Integration co-developed with Microsoft
- Cloud-native deployment of PowerScale software on Azure's infrastructure
- Custom compute SKUs purpose built for Dell
- Single point of support from Dell, billing handled through Microsoft

Faster Business Outcomes

- Seamless hybrid cloud operations with operational consistency across environments
- Up to 8.4PB usable capacity in a single namespace
- Multiprotocol support: SMB, NFS, and S3 access with unified permissions
- Zero-trust architecture with end-to-end encryption and integrated security
- Accelerated innovation for modern workloads

Cloud Model

- Options for 1-year and 3-year terms
- Select from three performance tiers: Standard, Plus, Premium
- Pre-committed Azure spend utilization with enterprise features
- Single point of support from Dell, billing handled through Microsoft
- Available across 9 Azure Data Centers in 7 countries spanning Americas, EMEA, and Asia-Pacific regions

Performance Superiority

Dell PowerScale for Microsoft Azure enables:

- Up to 4x greater performance
- Up to 4x larger namespace
- Up to 2x higher cluster resiliency

than the closest competitor.²

Untangling Storage Complexity

As unstructured data grows at an unprecedented pace, businesses face mounting challenges in managing this data while ensuring performance, security, and operational efficiency. Fragmented storage architectures and costly cloud transitions often lead to operational silos, limited scalability, and increased complexity.

Traditional cloud-based file storage solutions can fall short in meeting the demands of enterprise workloads, particularly for large-scale analytics, AI/ML applications, and legacy system migrations. These limitations combined with security and compliance concerns make it difficult for organizations to manage and protect their data across hybrid environments.

Simplified, Fully Managed Cloud Storage

Dell PowerScale for Microsoft Azure, a fully managed service, seamlessly integrates PowerScale software into the Azure ecosystem, bridging on-premises reliability with cloud innovation. Co-developed with Microsoft as an Azure Native Integration, PowerScale software is deployed and managed directly within the Azure portal using your pre-committed spend. It provides organizations with the option to use familiar Dell storage technology within Azure, supporting a range of unstructured data workloads. The service allows for multi-protocol access (NFS, SMB, S3) with unified permissions, enabling users to reduce data silos and streamline operations. The operational model is fully managed by Dell, with monitoring, maintenance, and updates included in the service. Provisioning and management are conducted through the Azure portal, and organizations interact with Dell for support and Microsoft for billing.

Designed to simplify multicloud storage, it helps to enable IT leaders to manage hybrid environments, support demanding workloads like AI and analytics, uphold security and compliance, and optimize cloud investments, all while reducing operational complexity.

By interlocking on-premises and cloud, this solution enables organizations to:

- Leverage Azure committed spend more effectively while accessing enterprise-class features that go beyond native Azure storage services.
- Achieve operational consistency across hybrid environments.
- Eliminate costly and time-consuming architectural changes.
- PowerScale's interface, features, and scalability match what you expect on-premises, eliminating training requirements and reducing management complexity.
- Simplify management of complex, data-intensive workloads.

Managing Modern Workloads in Public Cloud

Tackle your most demanding workloads, including AI/ML, analytics, and high-performance computing with a scalable, managed architecture that grows with your business and maintains predictable performance. The platform is suitable for scenarios such as cloud bursting, data center migration, big data analytics, and disaster recovery.

- **Cloud Bursting:** Provisioning additional cloud storage capacity for temporary peak demand while maintaining on-premises infrastructure.
- **Data Center Migration:** Relocating enterprise file workloads to Azure without extensive application modifications.
- **AI and Analytics:** Supporting data-intensive computational workloads that require high throughput and storage scale.
- **Disaster Recovery:** Automating data replication for backup and recovery across Azure regions.

To meet the diverse needs of modern enterprises, Dell PowerScale for Microsoft Azure offers three performance tiers, each designed to balance capacity and performance:

Standard Tier: Dependable performance for foundational workloads

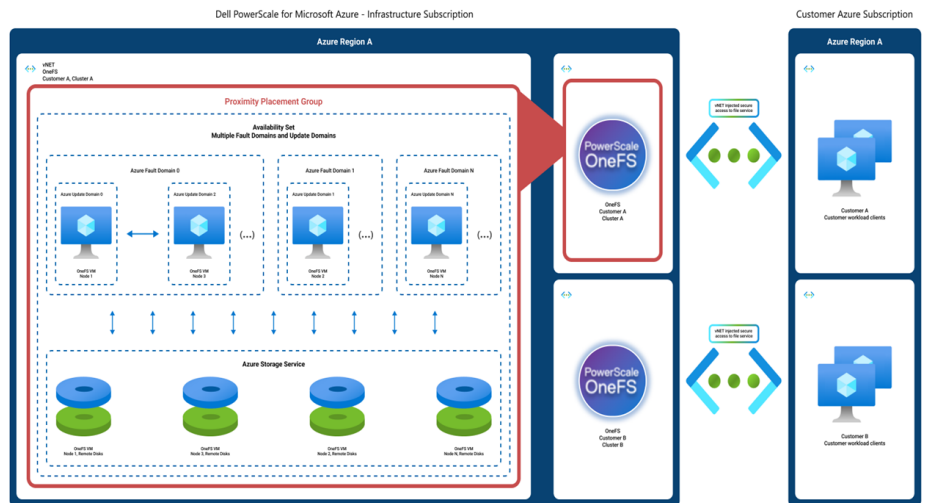
- Ideal for backup, DR, and general-purpose applications

Plus Tier: Enhanced performance for demanding applications

- 1.25x performance boost over Standard
- Perfect for growing workload requirements

Premium Tier: Maximum performance for mission-critical operations

- 2.4x performance advantage over Standard
- Optimized for HPC, analytics, and critical applications



Take The Next Step

At Dell, we empower businesses to manage their data with flexibility and confidence. Our unstructured data solutions enable secure, consistent file data management across on-premises, multicloud, colocation, and public cloud environments. Powered by the trusted PowerScale software platform, we help organizations meet their unique needs, wherever their data resides. For more information about Dell PowerScale for Microsoft Azure, contact Dell Technologies for guidance and deployment details.

¹ Based on Dell analysis of software capabilities, April 2025.

² Based on Dell analysis comparing Dell-managed option of PowerScale for Microsoft Azure, August 2025. Performance compares read throughput per namespace.



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