TOP REASONS

WHY CUSTOMERS CHOOSE DELL POWERSCALE FOR SCALE-OUT FILE STORAGE

Easily handle the most demanding data-rich projects with the flexible, enterprise-class **PowerScale** scale-out file storage platform. Built on a software defined architecture, PowerScale ensures that data is always secure thanks to our built-in security features and the cyber protection solution. And for object data, take a look at **ObjectScale,** our software defined, DevOps ready, Kubernetes-native platform.

1 | Simplicity at any scale

One pool of storage from 3 to 252 nodes. Start small and grow to petabyte scale without downtime with all the features of the storage system allowing you to consolidate all your file data into a single data lake. Add new nodes in 60 seconds, add processing, memory, cache and storage to grow with your needs while remaining simple, no matter how large your data gets.

2 | Exceptional storage utilization

Up to 80% storage efficiency* for lower costs courtesy of OneFS. All PowerScale nodes deliver high-speed, in-line data compression and deduplication to improve storage utilization, while a single data lake eliminates data silos for maximum efficiency. Further enhance storage utilization with our services expertise and optimization solutions.

3 | Simultaneous multi-protocol access

End the data silos and enable collaboration. Support universal access – NFS, SMB, HDFS, S3, NDMP, REST, HTTP, and FTP protocols to the same shared data pool – to create an effective data lake strategy. Keep data connected and accessible to all users and applications with minimal effort.

4 | Always protected, secure, compliant

Designed for up to 6x9 availability, with integrated ransomware protection. Protect and secure critical data from outages and cyber-attacks with enterprise-grade availability, redundancy, security, data protection and replication. Our complete cyber protection software solution can help to stay ahead of the attackers with smart AirGap, intelligent detection tools and high-speed data recovery. Compliance standards including HIPPA, PCI DSS and CCPA are built in.

5 | Edge, core, cloud deployment flexibility

Handle data anywhere. On-premises or public cloud, software-defined PowerScale can handle it all. Keep pace with demanding data workloads with powerful all-NVMe and all-flash solutions including NVIDIA GPUDirect. Handle large, active or deep archives with our dense, efficient archive nodes. Consume as an appliance, as-a-Service, or in public cloud.

6 | Public cloud storage with data control

Save up to 89%* in storage costs. Give AWS, Google Cloud, Microsoft Azure and Oracle Cloud compute workloads the storage they need at a fraction of the cost of public cloud storage with multi-cloud data services – all while retaining complete control of your data. Or order as a Google native service directly from the Google Cloud Marketplace. Handle demanding public cloud services with multi-petabyte performance at scale, reliability and enterprise-class features.

7 | Intelligent insights into your data

Get more from your data and storage with enterprise grade software. Easily determine the health of your infrastructure from the palm of your hand. Manage your data simply and efficiently across your storage and cloud environments.
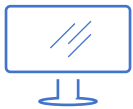
8 | Integrates with your applications

250+ industry app integrations and certificates. Our storage and data management portfolio is designed to work seamlessly with your existing business applications to power data engineering, data science, data warehouse, and data lake projects. Support Apache Flink, Spark and Hadoop, Dremio, Yellowbrick, Databricks, Vertica, Adobe, Splunk and a universe of modern data analytics applications with PowerScale. DevOps ready with API, SDK, Python and Ansible integration.

9 | Expertise and leadership

2,000+ healthcare customers, 1,900+ financial firms, 8/10 top broadcasters and 8/10 top biotechs. Proven expertise in 22+ verticals and horizontal applications, including 100+ deep learning, 400+ analytics and 4,500 backup and archive customers. Dell Technologies was recognized by Gartner® as a Leader in distributed file systems and object storage for 6th consecutive year. Dell Technologies Services experts enable optimization and agility throughout the technology lifecycle.

10 | A complete interconnected portfolio

Dell PowerScale, ECS and ObjectScale. Address all your unstructured data workloads with a powerful portfolio of industry leading solutions to handle file and object. Check out ObjectScale, our newest software-defined object storage, a DevOps ready, Kubernetes-native platform ready to power your modern cloud apps.

Learn more about Dell PowerScale Family

Contact a Dell Technologies Expert

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