DELL Technologies

Elevate your multicloud experience one block at a time

Increase agility, accelerate deployment time, and improve overall TCO

Traditional challenges with running block-based workloads in the public cloud:

- Performance limitations
- Sub-optimal resiliency
- Lack of data mobility
- Inconsistent tools
- Unpredictable costs

81%

Face challenges with data and application mobility across on-premises data centers, public clouds, and edge[1]

Dell PowerFlex for Public Cloud

Delivers the proven capabilities of on-premises block storage in the public cloud so you can run a wide range of block-based workloads without performance, scale, and resiliency limitations.

Designed for 99.9999% availability[2]

The industry's most resilient, flexible cloud storage offer[3]

AVAILABLE FOR

AWS | **Microsoft Azure**

BENEFITS

What makes Dell PowerFlex for Public Cloud different

Improved TCO and cost optimization

Up to **87%**

Cost savings compared to native public cloud storage[4]

Extreme performance and linear scalability

Over **100X**

Better performance compared to native cloud block storage[5]

Seamless Data Mobility

Common block storage across locations creates a universal storage layer for agility and protection

Multi-AZ Durability

Efficiently place data across multiple availability zones without extra copies

Efficient Consolidation

Unify disparate cloud resources and workloads onto a single platform

WORKLOADS

How Dell PowerFlex for Public Cloud can support you

DATABASES

Deploy various types of databases with extreme transactional performance, high availability, durability and consistency

ANALYTICS

Facilitate big data analytics with optimized delivery of AI/ML services, with large volume capacity at low latency

DEV / TEST

Support different stages of the software development lifecycle flexibly and securely

VIRTUALIZATION

Run virtualized workloads at peak performance with thin provisioning, high throughput and low latency

CONTAINERS

Achieve the full performance and portability of containerized applications with seamless integration

THE WORLD'S MOST SCALABLE CLOUD BLOCK STORAGE[6]

Dell PowerFlex for Public Cloud

[1]Enterprise Strategy Group, "Multi-cloud Application Deployment and Delivery Decision Making," June 2023. Based on survey of 350 IT professionals responsible for evaluating, purchasing, and managing applications at large midmarket (500 to 999 employees) and enterprise (1,000+ employees) organizations in North America.

[2]Based on internal Dell testing, October 2023.

[3]Based on Dell analysis of storage software deployable on AWS, Azure, and Google Cloud, May 2023.

[4]Based on a Silverton Consulting white paper, sponsored by Dell Technologies, "Conceptual TCO: Dell APEX Block Storage for Public Cloud," October 2023. Systems were configured to support IOPS performance of 7,740 KIOPS. The Dell solution assumes 4:1 thin provisioning vs thick provisioning for the competitive solution. Actual costs will vary depending on the thing provisioning factor used, region, data change/snapshot rates, capacity, type of storage and instances used, and other factors.

[5]Based on Dell analysis comparing maximum IOPS published results, September 2023. Dell PowerFlex for AWS maximum performance using a single Amazon EC2 instance store (i3en.12xlarge), NVME attached storage, running 4KB IO size, 100% random read per SDS and assumes public cloud volumes consolidate performance of entire storage pool in a single volume. Actual results may vary.

[6]Based on Dell analysis of storage software deployable on AWS, Azure, and Google Cloud, May 2023.