

Dell PowerScale vs. Pure FlashBlade//S

Dell PowerScale

Massive scalability and versatility

Scale up to 186PB¹ in a cluster using different types of blades and storage media.



Access any data, anywhere

Supports 8 protocols at locations spanning from edge to core to cloud. Edge-friendly, 3-blade minimum configuration.



Hardware redundancy up to N+4

Greater availability: redundancy design can withstand failures of up to 4 blades in the cluster.



Rich catalog of data services

Data lifecycle management, cloud tiering, WORM, multi-tenancy, quota management, client connection load balancing and more.



Robust integrated cybersecurity

Tamper-proof data copies combined with real-time automated responses based on multi-vector analytics, automated triggers, and operational airgapping to help speed up recovery and prevent data loss.



Pure FlashBlade//S

Limited scalability and versatility

Scales up to 1.9PB in a cluster; just one type of blade and storage media class offered.

Limited data support

Supports only 3 protocols, no public cloud services. Edge-unfriendly, 7-blade minimum configuration.

Hardware redundancy up to N+2

Basic availability: redundancy design allows failures of only 2 blades in the cluster.

Limited data services

No data lifecycle management, cloud tiering, WORM, multi-tenancy, quota management or client connection load balancing.

Limited integrated cybersecurity

Tamper-proof data copies, but no integrated real-time automated responses or triggers, or operational airgap technology.

¹ Capacity available in PowerScale F900. Maximum cluster capacity varies by model.

Comparisons based on Dell analysis using publicly available information, Nov. 2022.

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