Dell PowerStore vs. NetApp AFF

Dell PowerStore

NetApp AFF

Run VMware ESXi hosted apps via AppsON technology[1]
Dell PowerStore with AppsON offers a purpose-built array with a built-in VMware ESXi hypervisor.

No VMware ESXi support to host apps locally
No option to deploy app on the array.

Anytime Upgrade[2], Industry's most flexible program for controller upgrades[3]
Optional controller upgrade program offers choice of next gen, higher model or discounted additional new controller.[4] No subscription renewal required.

No controller upgrade program
NetApp lacks a flexible upgrade program like Anytime Upgrade.

Support for SCM drives as persistent storage or metadata tier
Leverage SCM drives as persistent storage for your highest performance workloads, across all PowerStore models.

No support for SCM drives
No support for SCM persistent storage or metadata in the storage array.

Always on, intelligent data reduction with 4:1 guarantee[5]
Always on, hardware-assisted data reduction that works proactively to optimize both capacity and performace. Average 4:1 data reduction guarantee, no assessment required.

Temperature sensitive data reduction with a 3:1 guarantee
Data is deduped in-line & compressed in line and/or post-process depending on the temperature of the data. 3:1 data reduction guarantee, no assessment required.

Predictable software costs - Software Licensing independent of array storage capacity
No additional software license purchase required with addition of capacity to the array. No ongoing software costs.

Variable software costs - Software licensing cost dependent on storage array capacity
Addition of capacity on the array requires purchase of additional software licensing. Software licensing costs grow with capacity.

Increased flexibility and performance with Dynamic Resiliency Engine (DRE) and distributed sparring
Scale granularly in increments, as little as one drive at a time. Spare space is distributed across all drives. DRE helps maximize performance and quickly resumes protection after failure as all drives are actively rebuilding the data.

Traditional RAID groups and dedicated spares
Busy individual volumes within RAID groups create potential hot spots. During a drive rebuild, only the drives in the affected RAID group are active; remaining drives in the other RAID groups are not involved in the rebuild process.

Automated deployment of NVMe/TCP with SmartFabric Storage Software (SFSS)
Industry's first software tool for automating NVMe/TCP infrastructure discovery and configuration.[6]

Manual configuration of NVMe/TCP
Must manually configure, discover, and deploy networking infrastructure for NVMe/TCP.