

Dell EMC PowerStore vs. Pure FlashArray

Run VMware ESXi hosted apps via AppsON technology¹

Dell EMC PowerStore with AppsON¹ is the only purpose-built array with a built-in VMware ESXi Hypervisor.²



Anytime Upgrade, Industry's most flexible program for controller upgrades³

Optional controller upgrade program offers choice of next gen, higher model or discounted additional new controller. No subscription renewal required.



Scale-Up & Scale-Out

Scale up to 898TB raw per array – across all models – and scale out to up to four arrays managed as a cluster.⁴



Always-on, in-line data reduction with 4:1 guarantee⁵

Data is deduped & compressed in-line all the time before it gets stored and comes with average 4:1 data reduction guarantee.



SCM as Persistent Storage

Leverage SCM as true persistent storage for your highest performance workloads, across all PowerStore models.



Unified Storage with Native File support

File, block and vVols in a single, unified and easy-to-manage platform.



No VMware ESXi support to host apps locally

Purity Run does not support VMware ESXi, it supports a limited number of applications suited to lightweight, data services-oriented processes.

Evergreen Gold's– Controller upgrades "Free Every Three"

Optional controller upgrade to then-current generation controller only. Requires 3 year commitment and 3 year renewal with the Upgrade Flex option of early trade-in if buying capacity expansion.

No Scale-Out

No scale out capabilities. Scale-up to 878TB raw per array only on highest end model, each array is isolated and managed separately.

Adaptive data reduction without data reduction guarantee

At high utilization, FlashArray prioritizes serving of IO over data reduction operations. Assessment-based effective capacity assured with RightSize Guarantee.

SCM only as read cache, not persistent storage

SCM used only as a read cache, and only available on higher-end FlashArray models; SCM not used as persistent storage.

Block Storage, No Native File Support

Block and vVols support. File Support requires layered Windows File Server, with additional WFS licensing on Purity Run.

1. Available on PowerStore X models only. 2. Based on Dell analysis of publicly available information on current solutions from mainstream storage vendors, April 2020. 3. Based on Dell analysis, April 2020 using publicly available data to compare the highest available program/subscription offers for node upgrades. Anytime upgrades require purchase of minimum 3 year ProSupport Plus and ProSupport (Select or Standard) Add-on at point of sale to qualify. Upgrade available after 180 days. 4. Available on PowerStore T models only. 5. 4:1 average rate guaranteed across customer applications. Rates for individual applications may vary. See Future-Proof Program terms and conditions for details. Comparison based on Dell analysis using publicly available information, May 2020. Copyright © 2020 Dell Inc. or its subsidiaries. All Rights Reserved. Dell Technologies, Dell, EMC, Dell EMC and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.