

Dell PowerStore vs. HPE Primera

Dell PowerStore

Run VMware ESXi hosted apps via AppsON technology¹

Dell PowerStore with AppsON offers the only purpose-built array with a built-in VMware ESXi hypervisor.²

Anytime Upgrade³, Industry's most flexible program for controller upgrades⁴

Optional controller upgrade program offers choice of next gen, higher model or discounted additional new controller.⁵
No subscription renewal required.

End-to-end NVMe and SCM

Leverage NVMe or SCM as persistent storage with NVMe-oF connectivity or use SCM as a metadata tier to reduce latency.

Unified Storage with Block, native File, and vVols support

File⁶, block and vVols in a single, unified and easy-to-manage platform.

Always-on, in-line, data reduction with 4:1 guarantee⁷

Data is deduped & compressed in-line all the time before it gets stored without compromising performance.⁸



HPE Primera

No VMware ESXi support to host apps locally

No option to deploy apps on the array.

Technology Refresh Service

Optional service offers upgrade to latest-generation controller after 3 years. No credit towards new purchase option.

Limited NVMe flash and no SCM support

Only up to to 16 NVMe SSDs. SCM not supported.

Block and vVols only

No native NAS. File services require a gateway server adding cost and complexity.

Selective data reduction with no blanket guarantee

Data compaction guarantee depends on workload type, data reduction negatively impacts performance.⁸

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 Upgrade available 180 days after invoice. Requires purchase of minimum 3-year ProSupport Plus with Anytime Upgrade Select or Standard add-on option at point of sale to qualify. Anytime Upgrades Program availability may vary by country and segment. Additional terms and conditions apply. For details contact your sales representative. ⁴ Based on Dell analysis, April 2020 using publicly available data to compare the highest available program/subscription offers for node upgrades. ⁵ Anytime Upgrades Select provides next gen controller from Anytime Upgrades Standard, plus choice of in-family upgrade or scale-out discount toward second appliance solution, availability may vary by model. Dell ProDeploy Plus is required for scale-out deployment. ⁶ Available on PowerStore T models only. ⁷ 4:1 average rate guaranteed across customer applications. Rates for individual applications may vary. See Future-Proof Program terms and conditions for details. ⁸ Based on a Principled Technologies report commissioned by Dell EMC, "Enable Greater Data Reduction and Storage Performance with Dell EMC PowerStore 7000 Series Storage Arrays", August 2020. Actual results may vary. See the full report here [add link].