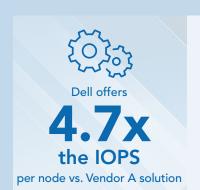
Scale up your storage with higher-performing Dell APEX Block Storage for AWS

In our tests, Dell APEX Block Storage for AWS outperformed similarly configured solutions from Vendor A*, achieving more IOPS, better throughput, and more consistent performance on both NVMe-supported configurations and configurations backed by Elastic Block Store (EBS) alone.

Dell APEX Block Storage for AWS supports a full NVMe backed configuration, but Vendor A doesn't—its solution uses EBS for storage capacity and NVMe as an extended read cache—which means APEX Block Storage for AWS can deliver faster storage performance.



NVMe-supported configurations

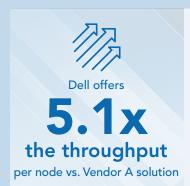
Random read IOPS at 128 threads and 4 KB IO size

IOPS per node, higher is better

Dell APEX Block Storage for AWS

237,406

Vendor A solution 49,737



NVMe-supported configurations

Sequential read throughput at 32 threads and 256 KB IO size MB/s per node, higher is better

Dell APEX Block Storage for AWS

5,244

24 nodes

Vendor A solution 1,009

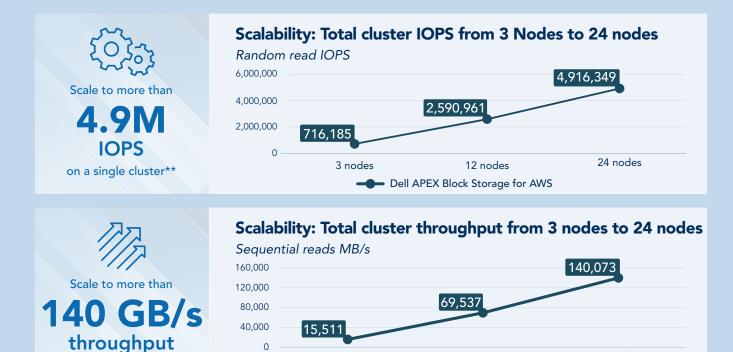
Over 10 test runs, the Vendor A solution had up to a 62% degradation in performance per node, compared to a 3% drop or less for Dell APEX Block Storage for AWS.



	Dell APEX Block Storage for AWS	Vendor A
NVMe sequential read MB/s	3%	62%
NVMe random read IOPS	<1%	45%
EBS sequential read MB/s	<1%	57%

Dell APEX Block Storage for AWS scales to 512 storage nodes and 8 PB raw capacity

to support your organization as your needs grow, while the Vendor A solution does not scale past two nodes.



Learn more at https://facts.pt/bWT2Lbu

3 nodes



on a single cluster**

12 nodes

Dell APEX Block Storage for AWS