Increase performance, lower latency, and store data more efficiently with the Dell PowerStore 9500 array

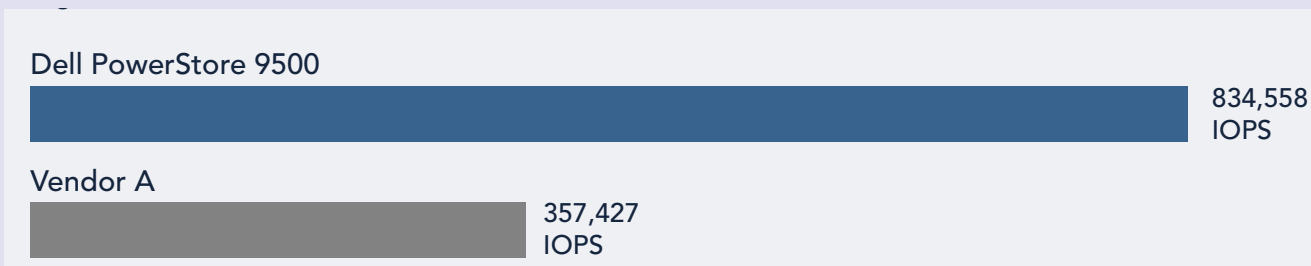
Compared to a similar array from a competitor, the Dell array can boost application responsiveness, accelerate transactions, and help you maximize precious rack space

We ran multiple Vdbench tests on two current-generation all-NVMe® storage arrays: a Dell™ PowerStore™ 9500 array and a comparable array from a company we call Vendor A.

Handle more database activity

2.33x the IOPS performance[1]

on a workload simulating enterprise OLTP workloads with analytics (higher is better)



Process data requests faster

63.94% better latency[2]

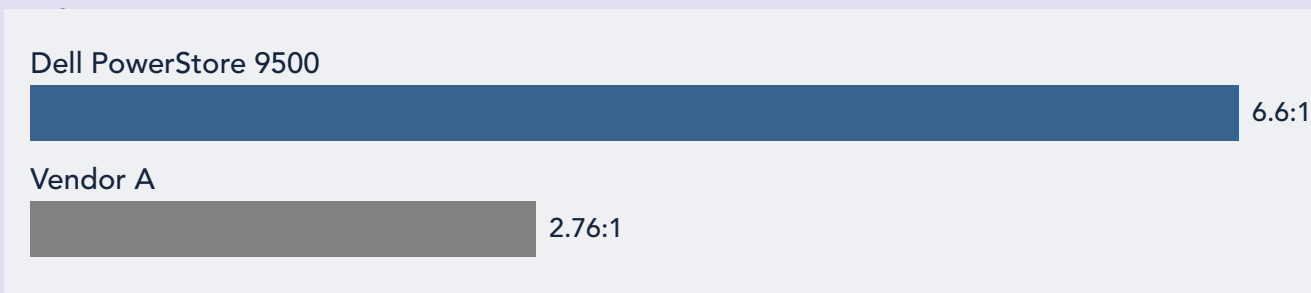
0.44ms Dell PowerStore 9500 vs **1.22ms** Vendor A

(lower is better)

Pack more usable capacity into less space

Data reduction ratio of 6.6:1 vs. 2.76:1[3]

(higher is better)



Up to 11% more drives per RU[4]

With a Dell PowerStore 9500 storage array, enterprises can increase storage performance while maintaining fast response times and maximizing storage density.

1 Vdbench OLTPA.vdb performance test.

2 Latency with a target of 310,000 IOPS in a database test with mixed I/O sizes.

3 Data reduction ratios achieved by the two test arrays with a dataset with 2:1 compression, 2.5:1 deduplication, and 8KB deduplication unit after 1 hour.

4 The Dell PowerStore array has 40 drives in 3 RU vs. Vendor A's 48 drives in 4 RU.

To learn more, read the report.

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