



Offer faster access to critical data and achieve greater inline data reduction with a Dell EMC PowerStore 7000T storage solution

Compared to a solution from another vendor ("Vendor B"), the PowerStore 7000T delivered a better inline data reduction ratio and better performance during simulated OLTP and other I/O workloads

With a cluster of Dell EMC™ PowerStore 7000T storage arrays, enterprises can maximize storage capacity, boost storage performance, and maintain fast response times, all while limiting data center sprawl. The array's efficient inline deduplication and compression technologies allow organizations to use less capacity to store data on demand. For critical online transaction processing (OLTP) workloads, the speedier performance of a PowerStore solution can help you grow while avoiding frustrating slowdowns and delays. On top of those performance advantages, the 4U PowerStore solution we tested occupied less rack space than the 6U Vendor B solution.



Dell EMC™ PowerStore 7000T



Storage capacity needed for 16 TB of data

Lower is better

Dell EMC PowerStore 7000T solution

3.90 TB 16 TB

[Data reduction ratio 4.2:1]

Vendor B solution

6.15 TB 16 TB

[Data reduction ratio 2.6:1]



Max input/output operations per second (IOPS) with simulated 32-thread OLTP workload

Higher is better

Dell EMC PowerStore 7000T solution

534,092 IOPS

Vendor B solution

400,859 IOPS



Max IOPS with 8KB 32-thread random read workload

Higher is better

Dell EMC PowerStore 7000T solution

1,231,617 IOPS

Vendor B solution

1,012,745 IOPS



Learn more at <http://facts.pt/pemecAX>