

Dell PowerEdge C6620 server with Dell PowerEdge RAID Controller (PERC 12) analyzed Cassandra database data more quickly

than an HPE ProLiant XL170r Gen9 server with an HPE Smart Array P440ar controller



Image provided by Dell*

Workloads such as compliance tracking or fraud detection depend on finding patterns in data—and quicker analysis means increased agility when it comes to making business decisions.

In our Apache® Cassandra® database tests with the Yahoo Cloud Serving Benchmark (YCSB), the new Dell™ PowerEdge™ C6620 with Dell PERC 12 processed 2.1 times the operations per second with 60.2 percent lower application latency than the HPE ProLiant XL170r Gen9.

Total operations per second on YCSB workload B

Higher is better



2.1x
as many operations per second

Average read latency on YCSB workload B

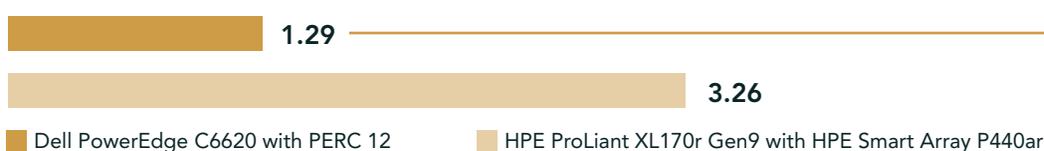
Milliseconds | Lower is better



53.2%
lower average read latency

Average update latency on YCSB workload B

Milliseconds | Lower is better



60.2%
lower average update latency

Learn more at <https://facts.pt/LGQpq5o>



* Dell provided the image showing a fully populated C6600 chassis. Our C6600 chassis included four C6620 blades and eight disks. We conducted our testing on one blade and two disks.

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