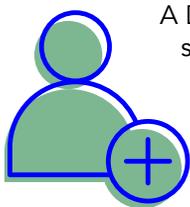# Discover life after SATA with Dell EMC PowerEdge servers equipped with value SAS SSDs from KIOXIA

A PowerEdge MX solution with RM5 Series value SAS SSDs processed more simulated customer orders, responded in less time, and provided better per-system value than the same solution with enterprise SATA SSDs
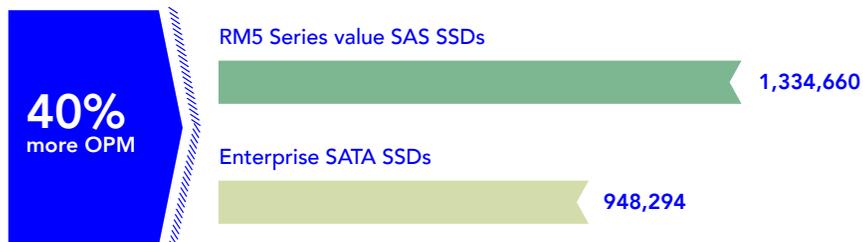
Dell EMC PowerEdge MX-based vSAN cluster running a transactional database workload
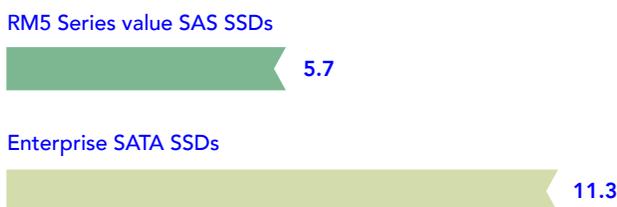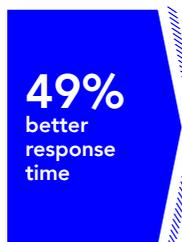
Serve more customers

A Dell EMC™ PowerEdge™ MX server cluster configured with value SAS SSDs processed **40 percent** more orders per minute than the same server configured with enterprise SATA SSDs.

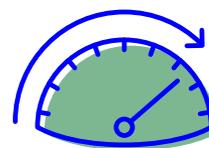### Total orders per minute (OPM)   *higher is better*

40%
more OPM

RM5 Series value SAS SSDs
1,334,660

Enterprise SATA SSDs
948,294

Total latency (ms)   *lower is better*

49%
better response time

RM5 Series value SAS SSDs
5.7

Enterprise SATA SSDs
11.3

Respond more quickly to customers' needs

The configuration with value SAS SSDs responded in roughly **half the time** of the configuration with enterprise SATA SSDs.
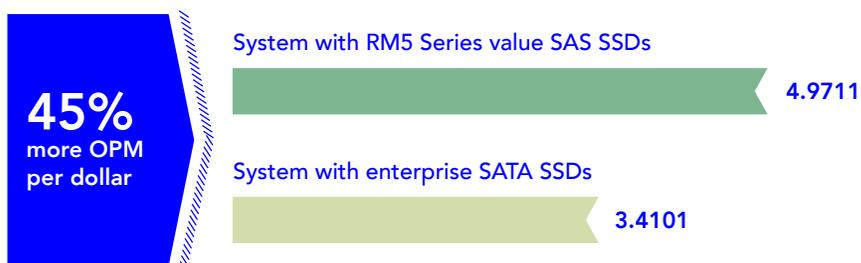
Get more value for your money

RM5 Series value SAS SSDs from KIOXIA processed **45 percent** more orders per minute for every dollar than the enterprise SATA SSDs we tested.

OPM per dollar   *higher is better*

45%
more OPM per dollar

System with RM5 Series value SAS SSDs
4.9711

System with enterprise SATA SSDs
3.4101

RM5 Series value SAS SSDs

Value SAS SSDs offer a 12Gb/s connection, double that of enterprise SATA SSDs.[1] According to KIOXIA, value SAS SSDs provide "better performance, reliability, and features than enterprise SATA SSDs."[2]

Learn more at http://facts.pt/bwvlbk9

1   KIOXIA, "Life After SATA," accessed October 4, 2019, https://business.kioxia.com/en-us/ssd/life-after-sata.html#value-sas.
2   KIOXIA, "Life After SATA."