Reach important business insights sooner with Dell EMC PowerEdge R6515 servers and value SAS and data center NVMe SSDs from KIOXIA

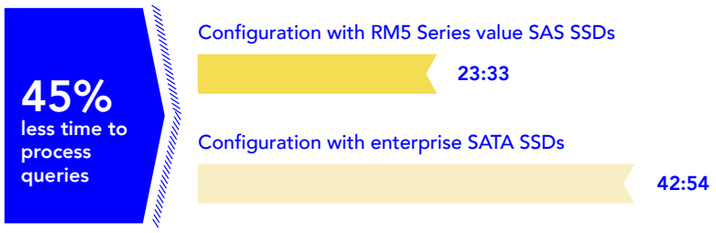
A configuration with value SAS and data center NVMe SSDs from KIOXIA provided better data analytics performance and lower costs per iteration than a configuration with enterprise SATA SSDs

Dell EMC PowerEdge R6515 server running a data analytics workload

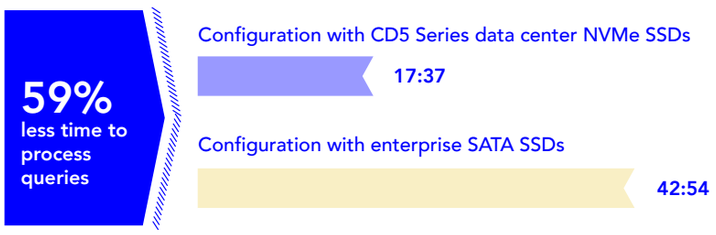
Gain crucial business insights sooner with faster query times

A Dell EMC™ PowerEdge™ R6515 server with value SAS SSDs analyzed a set of 22 queries in 45 percent less time than the SATA SSD-based configuration. The configuration with data center NVMe SSDs beat the configuration with SATA SSDs by 59 percent. With a solution that can process large datasets more quickly, your business could implement revenue-boosting strategies sooner.

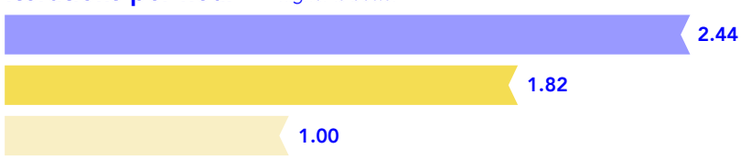
Time to complete data warehouse queries (min:sec) *less time is better*



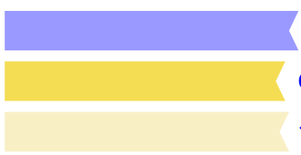
Time to complete data warehouse queries (min:sec) *less time is better*



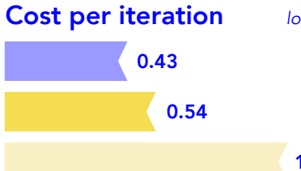
Iterations per hour *higher is better*



Total hardware cost *lower is better*



Cost per iteration *lower is better*



Analyze more data at a lower cost per iteration

We divided the cost of each configuration by the number of times our sample 22-query dataset could run in an hour. The configurations with value SAS and data center NVMe SSDs achieved 46 percent and 57 percent lower costs per iteration, respectively, versus the configuration with enterprise SATA SSDs.

Considering life after SATA with KIOXIA

RM5 Series value SAS SSDs from KIOXIA offer transfer speeds that are twice as fast as those of enterprise SATA SSDs.[1] CD5 Series data center NVMe SSDs push transfer speeds even higher, to 32 gigatransfers per second (GT/s), allowing your organization to reach business insights from your data sooner.[2]

Learn more at http://facts.pt/pmw9od7

1 KIOXIA, "Life After SATA," accessed October 3, 2019, https://business.kioxia.com/en-us/ssd/life-after-sata.html#value-sas.

2 KIOXIA, "CD5 Series Data Center SSD," accessed October 3, 2019, https://business.kioxia.com/en-us/ssd/data-center-ssd/cd5.html.

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