Upgrade your cloud infrastructure with Dell PowerEdge R760 servers and VMware Cloud Foundation 5.1 to handle more database workload activity

Compared to a cluster of PowerEdge R750 servers running VMware® Cloud Foundation™ (VCF)

Improve MySQL® database performance

78.8% more TPM with the Dell PowerEdge R760 cluster

Higher is better

PowerEdge R760 cluster with VCF 5.1

1,042,535

PowerEdge R750 cluster with VCF 4.5

582,836

79.0% more NOPM with the Dell PowerEdge R760 cluster

Higher is better

PowerEdge R760 cluster with VCF 5.1

449,072

PowerEdge R750 cluster with VCF 4.5

250,742

Reduce vSAN latencies

We found that the older Dell™ PowerEdge™ R750 cluster, moderately configured with six NVMe® drives, bottlenecked on VMware vSAN™ storage. The better-configured Dell PowerEdge R760 cluster with four NVMe drives and 20 SAS SSDs delivered lower and more consistent read and write response times.

vSAN average latencies on the Dell PowerEdge R760 cluster
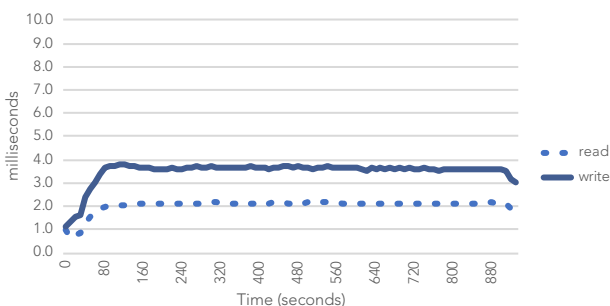
vSAN average latencies on the Dell PowerEdge R750 cluster
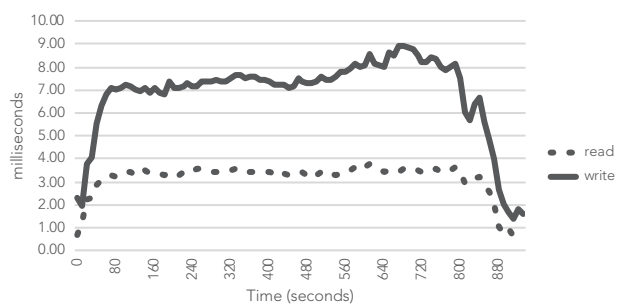
For organizations running clusters of moderately configured, older Dell PowerEdge servers with a previous version of VCF, upgrading to better-configured modern servers can provide a significant performance boost and more.

Learn more at https://facts.pt/1pJ4Dpb

Principled Technologies®