



Mosaic SD NVMe Comparison Benchmarks

Benchmark	EMC 400K Oracle 8 node RAC Cluster w/4 engine EMC VMAX	Mosaic SD NVMe Database (2x4) Oracle 2 node RAC cluster w/4 Dell R740xd
Create 10 TB tablespace	111 mins	31 mins
Parallel direct path insert of 8 billion rows*	156 mins	77 mins
Create unique global partitioned index*	11 mins	4 mins
Create local bitmap index*	92 mins	3 mins
Query single table scan time*	27 mins	2.5 mins
Maximum sustainable scan rate per RAC node	8 GB/Sec	37 GB/sec
Aggregate sustainable scan rate	30 GB/Sec	75 GB/sec

* Operation performed on a 10 TB partition table containing 8+ billion rows

** Join a 10 TB 8+ billion row table with a 1.2 TB 13+ billion row table