



SPC Benchmark 1™

Executive Summary



CeaStor 18116E

SPC-1 IOPS™	10,000,690	SPC-1 Price Performance	\$165.82/SPC-1 KIOPS™
SPC-1 IOPS Response Time	0.548 ms	SPC-1 Total System Price	\$1,658,233.00
SPC-1 Overall Response Time	0.352 ms	SPC-1 Overall Discount	61.52%
		Currency / Target Country	USD / China
		Availability Date	May 31, 2023

Extensions

☆ SPC-1 Data Reduction	NA
☆ SPC-1 Encryption	NA
☆ SPC-1 NDU	NA
☆ SPC-1 Synchronous Replication	NA
☆ SPC-1 Snapshot	NA

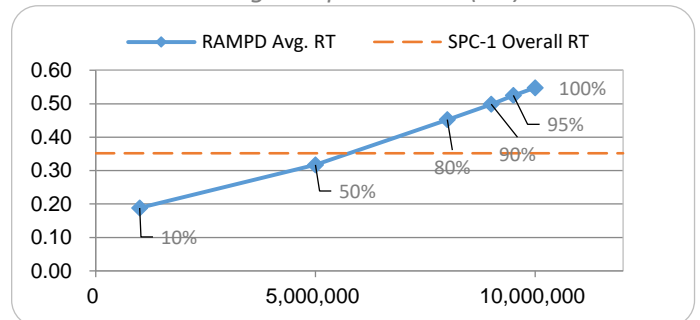
Storage Metrics

SPC-1 Data Protection Level	Protected 2
SPC-1 Physical Storage Capacity	349,440 GB
SPC-1 ASU Capacity	127,131 GB
SPC-1 ASU Price	\$13.05/GB

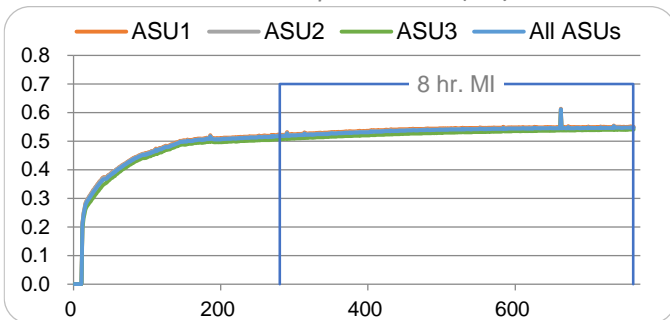
Priced Storage Configuration Summary

- 40 Mellanox MCX623106AN-CDAT
- 1 CeaStor 18116E
- 30 Storage Nodes
- 15,360 GB Total Cache
- 60 Total Front-End Ports
- 420 Total Storage Devices (240x 256 GB Optane, 180x 1.6 TB NVMe SSD)
- 4 100Gb Huawei CE8851-32CQ8DQ-P Switches
- 68 Total RUs

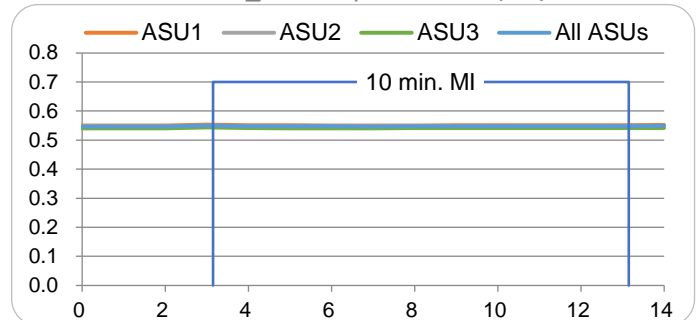
RAMPD Average Response Time (ms) vs. IOPS



SUSTAIN Response Time (ms)



RAMPD_100 Response Time (ms)



SPC Benchmark 1™ Specification Revision v3.10.0
 SPC Benchmark 1™ Workload Generator Revision v3.0.2

Submitted for Review
 Submission Details

April 25, 2023
www.storageperformance.org/r/A32026