SPC Benchmark 1™
Executive Summary

MS7000G2-Mach

SPC-1 IOPS™: 11,000,576
SPC-1 IOPS Response Time: 0.337 ms
SPC-1 Overall Response Time: 0.264 ms

SPC-1 Price Performance: $385.64/SPC-1 KIOPS™
SPC-1 Total System Price: $4,242,215.40
SPC-1 Overall Discount: 49.75%

Currency / Target Country: USD / China
Availability Date: Currently Available

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: 460,800 GB
- SPC-1 ASU Capacity: 209,379 GB
- SPC-1 ASU Price: $20.27/GB

Priced Storage Configuration Summary
- QLogic QLE2692 2-port FC HBAs: 78
- MS7000G2-Mach Active-Active Controllers: 16
- GB Total Cache (192 GB per controller): 3,072
- 16 Gb FC Ports (192 ports used): 256
- 1,600 GB SSDs: 288
- Brocade 6520 96-port Switches: 4
- 10 Gb Ethernet 16-port Switches: 2
- Management Server: 1
- 24-port 1 Gb Ethernet Switch: 1
- Total RUs: 53

RAMPD Average Response Time (ms) vs. IOPS

SUSTAIN Response Time (ms)

RAMPD_100 Response Time (ms)

Specifications
- SPC Benchmark 1™ Specification Revision: v3.9.1
- SPC Benchmark 1™ Workload Generator Revision: v3.0.2
- Submitted for Review: October 27, 2020
- Submission Details: www.storageperformance.org/r/A32020

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