

Introducing...The SSS 6000 - Overview

Introducing the new IBM Storage Scale System 6000!

System Features

- 4U Enclosure
- Up to 48 x 2.5" drives
- Dual AMD EPYC Genoa 48 cores per controller
- 768 GB – 1.5 TB Memory
- 24 or 48 x NVMe / FCM (PCIe Gen 4 drives)
- From 96 TB to 2.6 PBe Usable Capacity

Performance and Sustainability

- 2x throughput improvement
- Hybrid/converged performance and capacity support
- Containerized protocol support on IO nodes (as with the ESS3500)

Supports 24 or 48 NVMe SSDs

- 3.84 TB
- 7.68 TB
- 15.36 TB
- 30.74 TB

Supports 24 or 48 NVMe FCMs

- 19 TB
- 38 TB



Introducing...The SSS 6000 – Software Stack

- Base Operating System – RHEL 9.X
- HAL (Hardware Abstraction Layer)
 - Hardware monitoring
 - Call home
- GEMS/PEMS (GNR Enclosure Management Services/Platform Enclosure Management Services)
 - End point inventory
 - State management (presence, power control, LED control)
 - SES emulation (HBA, Encl)
- Storage Scale RAID/GPFS Native RAID (SSR/GNR)
 - Error recovery and reporting
 - Checksum and Disk Hospital
 - Topology and Configuration
 - mmvdisk
 - Component Specification
- Health monitoring, data gathering, reporting and analysis
 - Disk and Fabric Hospital
 - HAL
 - mmhealth
 - Call home
- GUI
 - Setup wizard
 - Inventory and health monitoring
- Networking
 - Management
 - High-speed OFED (OpenFabric Enterprise Distribution) drivers

