## ADVANCED TECHNOLOGY GROUP (ATG)

# **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**

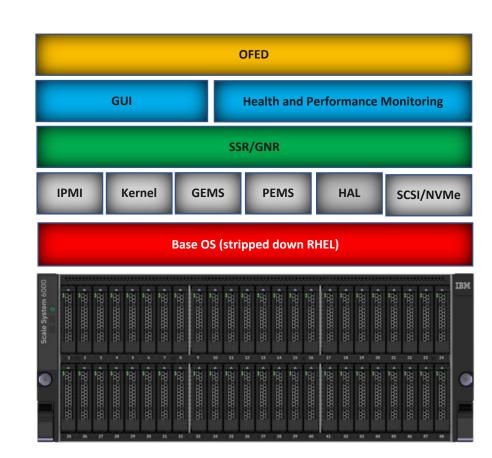
- 19 TB
- 38 TB



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# **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



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