

PRODUCT BRIEF

DRAID MANAGER

Viking Enterprise Solutions (VES) distributed RAID (DRAID) technology provide up to 20% better I/O performance and from 2.5 to 1000 times faster array rebuild rate compared to traditional non-distributed RAID arrays.

Networking

- ▶ 1Gbps and 10Gbps Sharing of iSCSI Volumes
- ▶ Support for Bonding Network Interfaces & Link Aggregation
- ▶ Supports easy export of volumes over iSCSI to initiators & initiator groups

Automation

- ▶ Simple, clear CMD Line interface
- ▶ SDK provided
- ▶ Support for Solarwinds, Zabbix, Nagios

Easy to Use

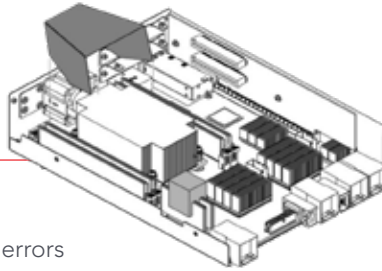
- ▶ Easy to use Menu System, that prevents human errors
- ▶ Wizards for disk replacement that turns on the right LED
- ▶ Remaining time & progress bar for Rebuilding process

Alerting

- ▶ Support for scheduling periodic proactive scrubbing, for detection & early warning with notification via Email alerts
- ▶ Provide means of email notifications to inform multiple user of important events on the storage appliance
- ▶ Manage Email Address Lists with Master Email "To" list & default of 5 "cc" users
- ▶ Notification can be sent when issues are detected & also if a particular volume is shared

FEATURES

- ▶ Supports High capacity SAS drives: 10TB+
- ▶ Close to 1 Petabyte of storage in a 4U form factor
- ▶ Improved data protection over RAID 6 with three parity disks
- ▶ Only the data on the disk needs to be rebuilt, so Rebuild only the actual information so the less information stored, the faster Rebuilds



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ENTERPRISE CLASS FEATURES

- ▶ Dual I/O Modules (supports redundant paths to dual port disks)
- ▶ Redundant Hot-swappable Power, Cooling
- ▶ Supports in band enclosure management
- ▶ Host configurable SAS Zoning (4 Zones)
- ▶ Sustained 2.25 GB/sec throughput via dual 10GbE6Gb/s infrastructure
- ▶ Processor Technology: Sandy Bridge-EP socket R
- ▶ On-board SES management
- ▶ Dedicated BMC
- ▶ Supports up to 128GB memory (PC3-12800)Dual Slim-SATA boot/cache offload support
- ▶ Dual x8 HH/HL PCIe3.0 slot

Memory

- ▶ 4 Channels of DDR3 memory from 2GB to 32GB per channel
- ▶ ECC Memory supported

Data Drives

- ▶ M.2 up to 512GB booting drive
- ▶ 58 Spinning or SSD drives SAS 3/SAS 2 up to 14TB
- ▶ 2 SSD drives for cache & user usage (partition) I/O

BIOS

- ▶ AMI

Enclosure Management

- ▶ IPMI (Intelligent Platform Management Interface, utilize Pilot III) 2.0

Controllers

- ▶ Onboard LSI LSISAS3008 (SAS 3 12Gbps)



For price, availability and sales information, please email us at sales@vikingenterprise.com or call us at +1 (408) 964-3555.

www.vikingenterprisesolutions.com

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