

EonNAS Software Features



Performance and capacity are basic requirements when a company is evaluating a storage solution. However, embedded software intelligence is the key to fully optimize a storage solution. Designed to help businesses meet burgeoning data demands with tight IT budgets, EonNAS unified storage systems deliver comprehensive software features at no additional costs. The advanced capabilities for resource consolidation, performance enhancement, data management, and data protection can translate into enduring competitive edges, including efficient management, optimized utilization and maximized productivity.

CONSOLIDATE STORAGE

- Support **NFS, CIFS, AFP, HTTP and FTP** to enable file-sharing among heterogeneous clients
- Support **iSCSI** protocol to allow block-level data access over IP SAN
- Consolidate available capacity into a **storage pool** for flexible allocation

INCREASE UTILIZATION

- Provide **thin provisioning**, which allocates “just-in-time” capacity to applications when data writes happen and thus reduces phenomenon of underutilized data volumes
- Support **data compression** to enable efficient storage utilization

ACCELERATE PERFORMANCE

- Integrate **solid state disks (SSD) as read/write cache** to boost performance at reduced costs and power consumption

SIMPLIFY MANAGEMENT

- Provide **easy-to-use dashboard** for continuous performance monitoring and at-a-glance system status view
- Automatically **notify users of critical events** via emails

IMPROVE DATA AVAILABILITY

- Create **differential snapshot copies** as recovery points for restoring files and data rollback
- Create **full data copies** through replication across systems to achieve quick service restart after storage accidents
- Support **NDMP** to backup data with third-party backup products



Protocol

File Level Protocol	NFS, CIFS, AFP, HTTP, FTP
Block Level Protocol	iSCSI

Data Service Features

Storage Virtualization	Yes
Snapshots	Yes (Unlimited No. of Snapshots)
Remote replication	Yes (Unlimited No. of Copies)
Thin Provisioning	Yes
NDMP Backup Protocol	Yes

Performance

Read/Write Acceleration ¹	With up to two (2) 32 or 64GB SSD
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Management

Web-based GUI	Yes
SNMP	Yes
Dashboard Monitoring	Yes
Notification	Email
Start-up Wizard	Yes

Security

Anti-Virus	ICAP-based virus scanning utility
Directory Services	NIS, AD, LDAP

Networking

IPv4, Static or DHCP; IEEE 802.3AD LACP

Data Compression

LZJB

¹ Currently only on the EonNAS 5100N