



DISCSTOR/nas

High-Availability Network Attach Storage

- **Fault-Tolerant Storage**
 - Clustering Technology
 - Real-Time Data Mirroring
- **Failover Recovery**
 - Automatic Failover Protection
 - Self-Healing Storage
- **Real-Time Archive**
 - Stable, Long-Term Format
 - Eliminates Backup Windows

DISCSTOR/nas is a high-availability storage system that combines the speed and performance of hard-disk drives with the long-term stability and portability of optical technology to provide a full-featured plug and play storage solution.

Available hardware and software features create a self-backing, self-archiving storage system that appears on the network as a single storage device. Data is written to identical member systems so that in the event of system failure, the surviving member node will seamlessly assume read and write duties without interruption of service.

DISCSTOR/nas high-availability features ensure that data will be available when needed.

Supporting storage capacities from 144 GB up to 9.5 TB, DISCSTOR/nas can operate as a common pool of storage shared by multiple servers and clients using NFS, CIFS and AppleTalk file systems and protocols over TCP/IP networks.



DISCSTOR/nas

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Fault-Tolerant Storage

Redundant, fault-tolerant storage is achieved using hardware and software features to create clustered member nodes for online data storage and real-time archiving. Clustering technology provides an additional level of data security by mirroring identical member systems that appear on the network under a single IP address which may be located either in close proximity to one another or distributed across a network. In everyday operation, data is written to the master storage device and mirrored synchronously to the identical system, ensuring continuous data availability.

Failover Recovery

When a member node in the cluster fails, the remaining operational node assumes full control of read / write duties without an interruption in service. Once the failed node has been repaired, administrators can reduce both the time and complexity of rebuilding the online and archive storage portions of the system by re-syncing only recently added data, thereby lowering the costs associated with system downtime.

Real-Time Archive

Current data management solutions involve storing files on hard-disk based systems and archiving through scheduled backup periods and network snapshots: processes which require low network activity and sufficient time windows in which to accomplish it all. DISCSTOR/nas avoids these complexities with a highly available and robust archive solution built around one of the most reliable storage technologies ever created. DISCSTOR/nas is one of the first storage solutions that eliminates the need for backup.

Typical applications:

DISC libraries are utilized in a wide range of industries and markets. Typical applications include:

- Email & Intranet Data
- ERP Archive
- Video Surveillance
- Finance & Accounting
- Legal Records
- Graphics & Multimedia

Product Specifications

Storage Capacity	144GB to 9.5TB
Software	DISCSTOR/nas
Network Connectivity	10/100BaseTX (2x)
Protocol Support	NFS, CIFS & AppleTalk over TCP/IP
Environment Monitoring	SNMP
Scalability	Supports 20 to 1050 slot libraries CD, DVD and MO storage technologies Support for 2 internal hard disk drives Scalable volume sets Distributed storage
Software Features	Scalable volume sets Automated data & file migration Graphical User Interface Secure connection via SSH Optional High Availability features
Availability Features	Supports inlet power from 2 AC sources Ethernet connection auto failover Mirrored copies of data objects
Product Certification	Complies with FCC Class A emissions UL, TUV & CE certified

Environmental

Operating	0 to 38 degrees celsius
Humidity	5 to 95% non-condensing at 40 degrees celsius
Temperature	-20 to 80 degrees celsius

Warranty & Service

DISCSTOR/nas comes with a comprehensive worldwide limited warranty and various support options. Off-site troubleshooting is made easy through built-in diagnostics.

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