

iSCSI-R3

NAS-R3

DSS

DSS V6
Lite

DSS V6

ADMINISTRATION

Web-based Graphical User Interface	✓	✓	✓	✓	✓
new Improved look and speed of the GUI					
Secured Administration Access	✓	✓	✓	✓	✓
Tuning Tools	✓	✓	✓	✓	✓
Remote Access for Console	✓	✓	✓	✓	✓
Multiple Management Levels	✓	✓	✓	✓	✓
Automated Updating of OS	✓	✓	✓	✓	✓
Rollback to previous OS	✓	✓	✓	✓	✓
Task Manager	✓	✓	✓	✓	✓
User Interface in German and English languages	✓	✓	✓	✓	✓
Schedule Manager	✓	✓	✓	✓	✓

NETWORK MANAGEMENT

DHCP Client	✓	✓	✓	✓	✓
One Network Interface Card Support	✓	✓	✓	✓	✓
Multiple Network Interface Card Support	✓	✓	✓	✓	✓
Teaming/Bonding (including Adapter Fault Tolerance)	✓	✓	✓	✓	✓
10 Gb Ethernet Support	✓	✓	✓	✓	✓
Infiniband Support	✓	✓	✓	✓	✓
Proxy settings	✓	✓	✓	✓	✓
IP-sec	✓	✓	✓	✓	✓
Jumbo Frames Support	✓	✓	✓	✓	✓

STORAGE MANAGEMENT

Software iSCSI Initiator	✓	✓	✓	✓	✓
Software RAID 0,1,5,6 with E-Mail Notification	✓	✓	✓	✓	✓
Degraded Mode for S/W RAID 1, 5, 6	✓	✓	✓	✓	✓
S.M.A.R.T with E-Mail Notification	✓	✓	✓	✓	✓
Multiple H/W RAID Controller Support	✓	✓	✓	✓	✓
Multiple FibreChannel HBA Support (initiator mode)	✓	✓	✓	✓	✓
Multiple FibreChannel HBA Support (target mode)					✓
Support for over 16TB Logical Volumes					✓
Multiple Snapshot (multiple active snapshots for LV at a time)	✓	✓	✓	✓	✓
Multiple Logical Volume & Groups	✓	✓	✓	✓	✓
Online Logical Volume Expansion	✓	✓	✓	✓	✓
Support for Online Capacity Expansion	✓	✓	✓	✓	✓
new Build-in, SNMP based monitoring system					✓

STORAGE MANAGEMENT / REPLICATIONS

new Asynchronous Volume Replication over LAN					✓
new Asynchronous Volume Replication over WAN					✓
Synchronous Volume Replication over LAN	✓	✓	✓	✓	✓
Synchronous Volume Replication over LAN with iSCSI failover					✓
Data Replication over LAN		✓	✓	✓	✓
Data Replication over WAN		✓	✓	✓	✓

MONITORING

Hardware Monitoring	✓	✓	✓	✓	✓
SNMP v2, v3	✓	✓	✓	✓	✓
E-Mail Notification	✓	✓	✓	✓	✓
Log Function	✓	✓	✓	✓	✓

HARDWARE SUPPORT

One CPU Support	✓	✓	✓	✓	✓
Multiple CPU Support (32x)	✓	✓	✓	✓	✓
UPS and Network UPS Support	✓	✓	✓	✓	✓

* Storage Capacity can be extended by additional licenses

** Cluster functionality

*** Advanced Backup functionality

**** Option

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SPECIFIC NAS FUNCTIONALITY

Windows Active Directory / Primary Domain Controller		✓	✓	✓	✓
Support for Network Information Service (NIS)		✓	✓	✓	✓
Internal and External LDAP		✓	✓	✓	✓
ADS & NIS User / Group ID Synchronization		✓	✓	✓	✓
File System with Journaling Support		✓	✓	✓	✓
User and Group Quota Control		✓	✓	✓	✓
Antivirus (server's shares scanning)		✓	✓	✓	✓

SUPPORTED NETWORK CLIENTS

Microsoft Windows, Linux, Unix, Mac OS X	✓	✓	✓	✓	✓
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SUPPORTED NETWORK FILE PROTOCOL

SMB/CIFS, FTP, Secure FTP, HTTP, Apple Talk, NFS v2, v3		✓	✓	✓	✓
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SPECIFIC iSCSI FUNCTIONALITY

IP Address Restrictions for a Target	✓		✓	✓	✓
CHAP User Management	✓		✓	✓	✓
MPIO Support	✓		✓	✓	✓
iSCSI Failover**			✓	✓	✓
SCSI-3 Persistent Reservation Support				✓	✓

BACKUP UTILITY

Local Backup		✓	✓	✓	✓
Integrated Backup System		✓	✓	✓	✓
Virtual Tapes		✓	✓	✓	✓
Support for Tape Libraries, Autoloader		✓	✓	✓	✓
Tape Retention Time		✓	✓	✓	✓
WORM Support (Write Once Ready Many)			✓	✓	✓
NDMP Support (Network Data Management Protocol)***			✓	✓	✓
new NDMP v4 support***				✓	✓
USB Storage Support for Dynamic Disk		✓	✓	✓	✓
Backup-Agents (Backup Exec®, Retrospect®, BrightStor®)		✓	✓	✓	✓

OTHER

USB-DOM Interface for 30% faster booting and improved hardware compatibility	✓	✓	✓		✓****
new Installable Version				✓	✓
new Improved Software Architecture				✓	✓
Support for SWAP	✓	✓	✓	✓	✓
Help with search and index	✓	✓	✓	✓	✓
Extended save & restore settings	✓	✓	✓	✓	✓
Connections Status	✓		✓	✓	✓
Sessions Management	✓		✓	✓	✓
Initially Supported Storage Capacity (TB)*	4/8/16*	4/8/16*	4/8/16*	2*	4/8/16*
Upgrade Ability	✓	✓	✓	✓	✓

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