

Portlock Software

Storage Manager for NetWare

Disaster Recovery

Powerful Tools for Disaster Recovery Management

Storage Manager is a software storage management product. Storage Manager is designed to minimize the management, setup, installation, and reconfiguration time for Novell NetWare 3.x, 4.x, and 5.x servers. Copy, Create, Clone, Image, Restore, Resize Netware and DOS partitions and volumes including NSS, NSS Storage Groups and NSS Storage Pools. Disaster or quick recovery of failed servers is very fast and dramatically simplified.

Tradition Backup / Restore Procedure:

1. Repair or replace hardware.
2. Reload NetWare from CD-ROM.
3. Reboot.
4. Install Service Packs.
5. Reboot.
6. Reload Backup Software from CD-ROM.
7. Reboot
8. Load recovery tape and restore system.
9. Reboot.

Storage Manager Disaster Recovery:

1. Repair or replace hardware.
2. Boot Storage Manager.
3. Load recovery tape and restore system.
4. Reboot.

How much time will you save by using Storage Manager? Estimate the time that it takes your company to complete each step. How much does each minute that a server is down cost your company?

Key Disaster Recovery Features:

- **Bare-metal Restores of NetWare Servers:** Boot the server from floppy diskette or bootable CD-ROM, run restore, reboot and the server is running exactly the same as the last image.
- **Does not require OS installation:** NetWare is restored automatically as part of the recovery process.
- **Disaster Recovery:** Image and Restore commands provide complete support for NetWare including boot and system partitions. NSS and Traditional

volumes. NDS, Users, Trustees, Quotas, Name Spaces, Permissions and all files.

- **High speed image and restore:** Image and Restore up to 40 Gigabytes per hour with high performance tape drives.
- **Across the wire recovery:** Servers can be restored using TCP/IP with images stored on NetWare or Windows platforms.
- **Supports restores to new hardware:** Restore to the same hardware or to new hardware. Supports reconfiguring NetWare to support different hardware and storage controllers.

| CUSTOMER CHALLENGES | PRODUCT FEATURES | CUSTOMER BENEFITS |
|---|--|--|
| Preparing for Disaster Recovery of NetWare servers. | Image and Restore commands provide complete support for NetWare including boot and system partitions. NSS and Traditional volumes. NDS, Users, Trustees, Permissions, and Restrictions are accurately and completely backed up and restored. | <ul style="list-style-type: none"> • Very high speed image and restore. • Bare metal restores. • Accurate system images. • Everything about a system is imaged and restored. • 40 GB per hour with high speed tape drives (SDLT). |
| Migrating old servers to new servers. | Storage Manager can migrate a server using TCP/IP from the old server to the new server or create and image file on disk or SCSI tape. Nothing needs to be installed on the new server to begin a full system migration. Boot Storage Manager for DOS and start the restore. | <ul style="list-style-type: none"> • Very high speed migration. • Everything is duplicated to the new server. • Minimize hardware hassles. |
| Preparing for Server Upgrades | Image the DOS and SYS volume prior to installing a new Service Pack. If the upgrade does not work out, then a very fast restore can be performed. | <ul style="list-style-type: none"> • Minimize worries about Service Pack side effects. • Save time, energy and hassles. |
| Managing available storage space. | Supports resizing and a full range of other operations on Traditional and NSS volumes and partitions. | <ul style="list-style-type: none"> • Backing up and restoring a volume to resize is not required. • Significant savings in time. |



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