



Cost-effective Shared Storage with the Spectra 2000™ Library

COST-EFFECTIVE
SHARED STORAGE BACKUP
FOR NAS FILER
& MULTIPLE SERVER
ENVIRONMENTS

ETHERNET CONNECTIVITY

ELIMINATES RISK
OF DEDICATED HARDWARE

ELIMINATES THE NEED
& EXPENSE
OF ADDITIONAL
IT DEPARTMENT TRAINING

Many IT departments want storage solutions with lower total cost of ownership. Networked storage allows them to take advantage of consolidation and sharing capabilities.

Spectra Logic offers two storage networking solutions that allow users to take advantage of the improved management control and operating efficiencies of shared backup at a very cost-effective price compared to Fibre Channel-SAN, which has high costs associated with equipment, installation and training. Both solutions are ideal for small to mid-size companies and involve a networked storage tape library with connectivity to Ethernet, rather than Fibre Channel.

These solutions use the TAOS™ enabled Spectra 2000 tape library. TAOS is Spectra Logic's revolutionary new software platform that enables such features as Network Data Management Protocol (NDMP) backup for file-level, shared network storage or Internet Tape Protocol (ITP), with future support for iSCSI*, for network storage shared with multiple servers.

A traditional NAS filer environment, attaches the tape backup library to a

NAS filer which is directly attached to the network. The library cannot be shared by multiple NAS filers and the backup process is at risk if the filer fails. Figure 1 shows a Spectra 2000 library with NDMP and Ethernet connectivity attached directly to the network. Risk is minimized and the tape resources are shared between all NAS filers.

A traditional dedicated backup server environment attaches the tape backup library to a server which is directly attached to the network. This backup process becomes at risk if the dedicated backup server fails. Also, the backup server becomes a dedicated resource tied up in tedious data movements and expensive CPU cycles.

Figure 2 shows a Spectra 2000 library with ITP (future iSCSI) and Ethernet connectivity attached directly to the network. Multiple servers can now share the tape library. Requirements and costs of dedicated hardware are eliminated. The risk associated with having a dedicated server is eliminated.

Both solutions offer the performance, scalability and reliability of an enterprise-level tape library with shared storage, at a very affordable price.

Figure 1: NAS-based Data Storage Shared Between NAS Filers

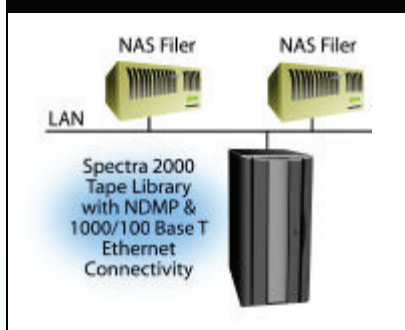


Figure 2: IP-SAN Data Storage Shared Between Multiple Servers

