

Data Director

CAS | UDO | PDD | MO | DVD-RAM | Tape

Mirroring

QStar has extended the boundaries of Storage Management with the addition of real-time Mirroring to provide solutions to the most challenging network storage issues. By taking the security of a transaction logging cache, a system independent disk format and adding event based mirroring, QStar Data Director provides the means to both manage and protect your corporate archives.

ALL THE FEATURES OF QSTAR HSM

By incorporating all of the standard features found in QStar HSM, Data Director's proven algorithms ensure the accessibility and the security of the data. The most frequently used data and all directories for mounted volumes are held in a high performance magnetic disk cache to ensure unsurpassed online archival performance.

DATA MIRRORING

Multiple logical volumes may be combined to create a Mirror Set. With data mirrored continuously at a transaction level, both the primary and the secondary logical volumes are always exact duplicates. The logical volumes may be in different jukeboxes, libraries or arrays and in different locations on a LAN or even a worldwide WAN, and may even be of different archival media types.

HOT STANDBY

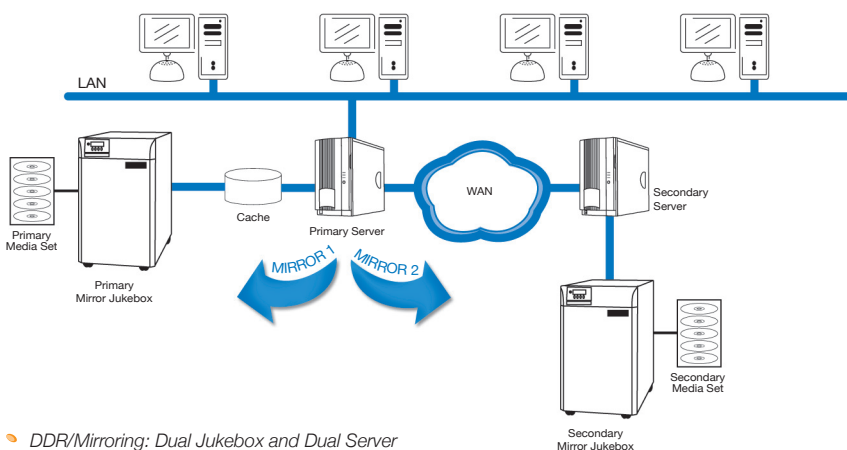
In a Mirror Set, one volume automatically becomes a Hot Standby for the other volume. QStar software will sense if a volume becomes unavailable and continue to service read and write requests to and from the remaining volume. The result is increased productivity through reduced storage down time. This method also eliminates the requirement of a backup utility for archives, and eliminates the time to manage a restore operation, because Data Director will hot sync the failed device with the redundant device once the failed device comes back on-line. We call this process Disaster Prevention.

AUTOMATIC RE-SYNCHRONIZATION OF DATA

In the unlikely event of a jukebox or library failure, data migration to the remaining volume is still available to ensure continued data security. When returned online, the previously unavailable volume is automatically re-synchronized ensuring both volumes continue to accurately mirror the data.

LOAD BALANCING

In environments where user requests exceed the throughput capability of the jukebox or library, and where multiple jukeboxes or libraries are available, QStar software automatically services read requests from both mirrored devices. With Load Balancing, users maintain fast access to data during peak periods.



• DDR/Mirroring: Dual Jukebox and Dual Server

Data Director

Specifications

Platforms

- NT/2000/XP/2003
- IBM AIX
- Hewlett Packard HP-UX
- Sun Solaris
- SGI IRIX
- HP/Compaq Tru64
- Linux

Network Protocols

- SMB/CIFS
- TCP/IP
- NFS
- Netware
- LAN Manager
- AppleTalk

Hardware Requirements

Minimum Requirements for UNIX/Linux

Memory
256 MB of RAM

Disk Space
70 MB of free disk
space for software
installation.

Minimum Requirements for Windows

Memory
256 MB of RAM

Disk Space
100 MB of free disk
space for software
installation.

Processor

Pentium 3 or equivalent.

Supported Manufactures*

- ADIC
- Asaca
- ASM
- ATL/Quantum
- BDT
- Breece Hill
- DISC
- DSM
- EMC Centera
- Hewlett Packard
- Hitachi
- IBM
- JVC
- Kubota
- Maxoptix
- New ATG
- NSM
- Overland Data
- Plasmon
- Qualstar
- SONY
- Spectra Logic
- Storagetek
- xStore

QStar Services

- Standard 90 day Warranty
- Hot Line Support
- Remote Diagnostics
- Onsite Support
- Installation
- Training
- Software Upgrades
- Disaster Recovery

* New devices are constantly being added to the support list.
Please call for an updated list.



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SECURING THE FUTURE OF YOUR DATA®