

Policy Based Tiered Storage and Data Lifecycle Manager

*Automatically move static data from primary storage to lower cost archive storage.
Optimize storage utilization and drastically reduce backup.*

MAXIMIZE RETURN ON INVESTMENT WITH QSTAR NETWORK MIGRATOR

Over the last 5 years, data center storage has increased 58% annually (IDC), and is expected to continue to grow. This has been largely due to increasingly rich file content, electronic transactions, the internet, data retention legislation, and a general switch to a “save everything” mentality.

Recent studies show that the three most important aspects for data storage are data backup, adding capacity and disaster recovery. Network Migrator assists with all three; reducing backup by removing static data from the backup window, allowing the use of lower cost storage when adding more capacity, and automatically creating disaster recovery copies of all data or subsets of information. In addition, Network Migrator facilitates the movement of less frequently accessed information to lower powered storage, which aids the space and power consumption battle.

When it comes to maximizing storage Return on Investment, QStar Network Migrator is a smart choice.

AUTOMATED DATA MANAGEMENT

Network Migrator uses advanced policy management to monitor and automatically migrate less frequently used files from distributed servers to a central archive. Regardless of the physical location of the files, they remain fully accessible across the network from their original local file systems. Retrieving the file is as simple as it was before migration.

A combination of file attributes can be used to control which information is selected; file creation, modification and last accessed date, file size and file extensions. The use of high and low water marks trigger the beginning and end of migration, alternatively migration can be started at preset intervals. Once initiated, data is migrated to the designated secondary storage device. A separate policy can be created to manage file archive retention dates; files can then be released for managed or automatic deletion at the end of their lifecycle.

Network Migrator allows a specified number of versions of a file to be retained, so that new versions do not automatically overwrite existing versions. This can be very useful in “ransomware” attacks. Files are also automatically archived along with a hash / digest of the file. A read after write operation ensures data is written correctly. During a read operation the hash is compared to ensure data has not degraded over time. If it has other copies or versions of the file could be retrieved instead.

HIGHLIGHTS

- Optimizes use of primary storage
- Simplifies tiered storage management
- Eliminates the need for archive backup
- Reduces administrative costs
- Lowers cost of power through greener storage solutions
- Protects against “ransomware” attacks
- Provides secure data preservation
- Creates a foundation for compliance
- Assures transparent access to users

A 3-2-1 ARCHIVING AND DATA PROTECTION BEST PRACTICE

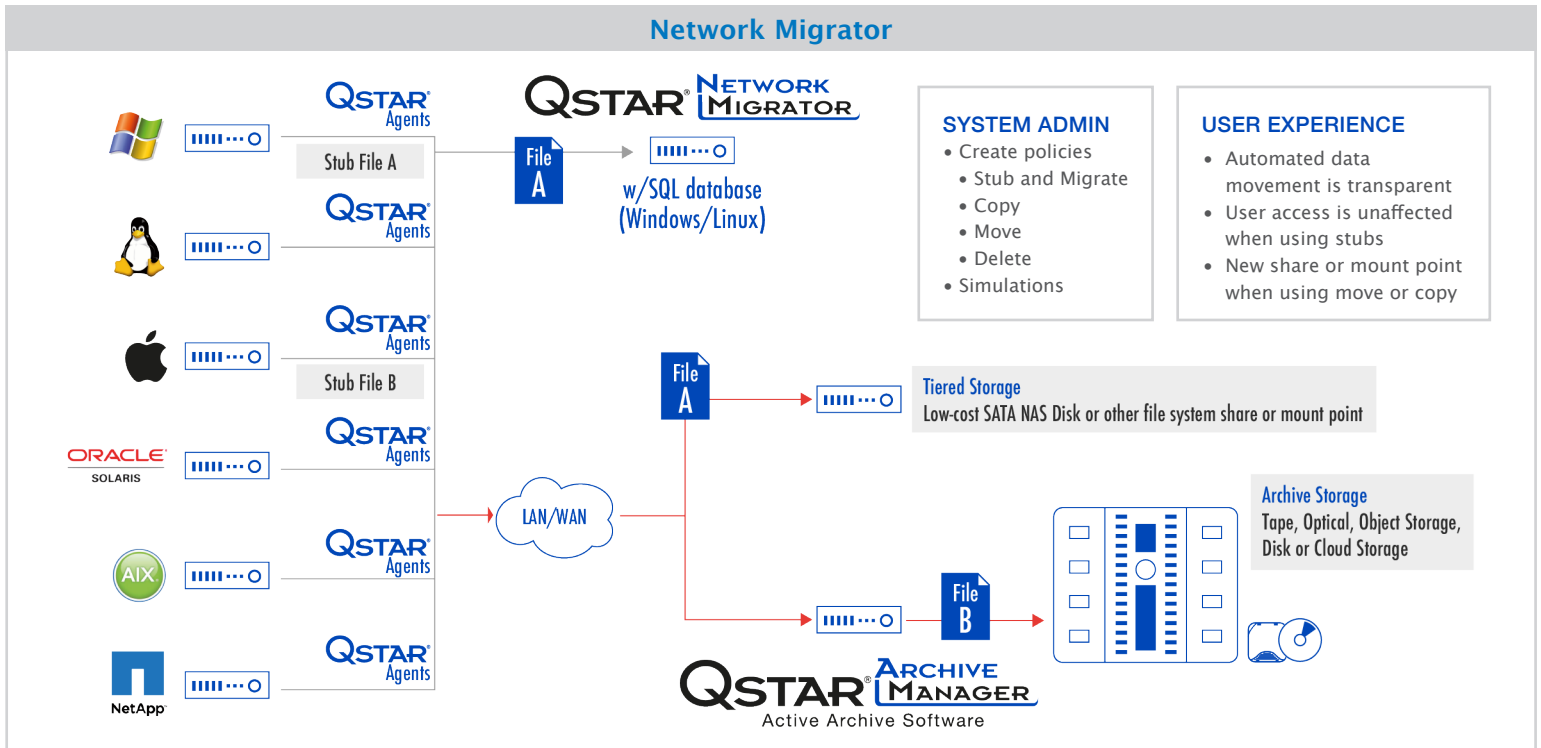
Network Migrator plays a strategic role within a 3-2-1 Best Practice archive*

by applying management policies to data stored on servers and filers.

Controlling the number of data copies, their physical locations and retention periods enables organizations to create system resilience, eliminate out of space conditions, reduce over provisioning, and maximize limited IT resources.

*To learn more about QStar 3-2-1 Best Practice at:
www.qstar.com/company/3-2-1-best-practice/





FLEXIBLE

- » Optimize resources across a heterogeneous storage environment
- » Migrates and Archives Files from any supported platform: Windows, Linux, UNIX, Mac, NetApp, GPFS, Lustre and HyperFS
- » Exceedingly scalable to multiple Petabytes
- » Multi-tiered environments can be created

ADVANCED POLICY MANAGEMENT

- » Easy to use Web GUI for policy creation
- » Simulation – for illustration of policy actions
- » Automated data life cycle management
- » File migration is transparent to user
- » Provides a foundation for compliance

MONITORING AND REPORTING

- » Storage Utilization
- » Quotas
- » Distribution patterns
- » Creation date, Last Accessed date, Modified date, File Size, File Extension
- » Data verification using selectable hashing options



Since 1987, QStar Technologies, Inc. has been a leading global provider of enterprise-class archive and data management software solutions. QStar archive software is certified for a wide range of applications and is deployed across many industries including: healthcare, broadcast, life sciences, government, education, manufacturing, and finance.

For more information, please contact the archiving experts at QStar:



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