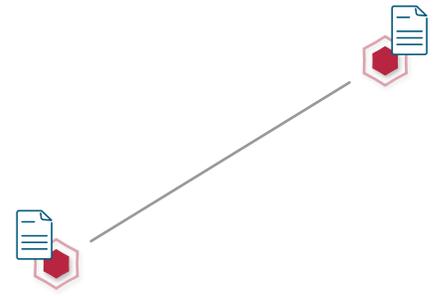# PeerSync

MIGRATION EDITION

MIGRATE MIXED STORAGE ENVIRONMENTS WITH DATA REORGANIZATION AND FALLBACK

FEATURES

REAL-TIME EVENT DETECTION & REPLICATION

Real-time event detection allows file events (file add, delete, modify) to be replicated to target systems immediately. No final scan needed.

MULTI-PLATFORM SUPPORT

Supports data migration between Windows-to-Windows, Windows-to-NetApp, as well as EMC-to-NetApp and NetApp 7-Mode to Clustered Data ONTAP environments.

MULTI-THREADED PERFORMANCE

Enterprise level parallel processing takes advantage of multi-core processors for fast migration of file events and large directory structures.

SHARE MIGRATION

Migrate your shares including permissions to the target system.

IMPORT SOURCE AND TARGET PATH

Auto-import of source and target migration pairs to reduce migration job setup time and eliminate manual entry errors. One-to-one mapping as well as re-layout options during migration.

COPY SECURITY SETTINGS

File and folder security permissions (ACLs) are automatically synchronized to target systems.

ADMINISTRATOR OVERRIDE CAPABILITYT

Migrate files even when administrators lack necessary permissions on a file or directory.

NETAPP FPOLICY INTEGRATION

FPolicy integration enables PeerSync to detect file events on NetApp storage systems and act in real-time to replicate file changes when they occur across mixed Windows, 7-Mode and cDOT environments without data interoperability concerns.

FASTER MIGRATION = FASTER ADOPTION OF NETAPP TECHNOLOGY

When evaluating a next generation data storage platform, the last thing you want to find out is that migrating to that new platform is complex and will require more time/budget than expected.

Additionally, this challenge gets magnified for organizations that depend on their IT systems 24x7 and find it nearly unacceptable to disrupt operations when key information systems are taken offline during migration projects.

INTRODUCING PEERSYNC MIGRATION EDITION FOR NETAPP

Powered by DFSR+® technology, PeerSync Migration Edition for NetApp eases data migration related challenges for mixed storage environments thanks to key features like FPolicy integration and a real-time data replication engine that is proven in thousands of customer implementations.

PeerSync Migration Edition for NetApp is ideal for the following scenarios:

- Non-NetApp data source - Migrate Windows, EMC and other major storage platforms to cDOT.

NetApp
Alliance Partner

Microsoft Partner
Gold Application Development

Autodesk
Authorized Developer

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PEER

- Data Reorganization - Merge folders from different volumes into one target volume or split data from one source volume into different target volumes or SVMs.

- Offload migration processing from highly utilized 7-Mode filers - PeerSync can synchronize data in the background via FPolicy integration, enabling source and targets to synchronize over a longer time period while minimizing impact on the source system.

- Minimize migration cutover downtime - PeerSync's high-performance real-time replication engine reduces cutover windows by eliminating final scan related downtime for Windows and NetApp source systems because file change events on live production systems are captured and replicated simultaneously to target systems during the migration process.

- Flexible fallback strategy - PeerSync enables fallback from cDOT to original source systems.

SUPPORTS MIGRATION FOR MAJOR STORAGE PLATFORMS INCLUDING EMC

For all other major storage platforms, PeerSync Migration Edition enables migration with minimal disruption through Peer Software's enhanced scanning technology. It can dynamically build and execute multithreaded scans based on the data directory structure to ensure that the final scan during migration cutover is completed quickly.

Additional features such as bandwidth and CPU management, centralized monitoring, multi-threaded performance and administrator reporting make PeerSync Migration Edition a powerful solution for nearly any migration project.

MORE FEATURES

CENTRALIZED MONITORING

Centralized console allows IT administrators to efficiently monitor migration jobs across many systems for data consolidation projects.

BYTE-LEVEL REPLICATION

Only the changed portions of a file are replicated for bandwidth savings.

UNICODE COMPLIANT

Works with files and folders in any language (Western and Asian character sets).

INTELLIGENT CONNECTION CHECK AND AUTO-RESUME

Momentary connection breaks are handled seamlessly. When connectivity is unavailable, missed events are stored in memory. Upon connectivity being re-established, stored events will be processed immediately. Files in the middle of a replication process during connectivity outages will auto-resume from where it left off.

SUBSCRIPTION PRICING

Flexible licensing is available for 1, 3 or 6 month migration projects.

BANDWIDTH AND CPU CONTROLS

Set both CPU affinity and bandwidth controls to minimize system and infrastruc- ture resource loads of production systems during migration.

ABOUT US

Peer Software develops data management solutions addressing the unique challenges related to data backup, replication and collaboration in a WAN environment since 1993.

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FOR WINDOWS

Microsoft Windows Server 2008, 2008 R2, 2012, 2012 R2

FOR NETAPP

NetApp Data ONTAP 7-Mode 7.3.5 and higher, cDOT 8.2 and higher, Cloud ONTAP

NetApp Compatible

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