

PeerLink

powered by

DFSR+



Global File Collaboration for Distributed Project Teams

MAIN FEATURES

- Real-time file synchronization and file locking between Windows and NetApp systems.
- Choose which folders you want to share and with whom on a folder by folder basis. Shared folders will automatically replicate to only those file servers you designate.
- Shared folders will have real-time replication, so changes made anywhere will propagate to all other locations.
- Files being edited at any location will propagate a file lock (to prevent version conflicts) at all other locations.
- All file transfers are secure and encrypted via SSL.
- Only changed portions of a file are replicated.
- Sync Office files to the target systems while the source file is still open.
- Supported Platforms: Microsoft Windows Server 2008 - 2012 R2, Microsoft Azure, NetApp Data ONTAP 7.3.5 and higher, 8.x (7-Mode), 8.2 and higher (cDOT), Cloud ONTAP



Alliance Partner

The Challenge

Studies find that two out of every three projects completely fail, are late, over budget or missing critical features. One factor that contributes to these failures is the distance among project team members.

As organizations expand and open remote office locations or work with partner firms and outsourced subcontractors, teams must find ways to work together across both geographic and organizational boundaries.

Adding to this complexity is the growing size of project files, which require a local copy of files be kept at each office for file access performance.

Historically, providing shared project files to every team member was done through email attachments, uploading documents to an FTP site for retrieval, using a document management solution as a centralized data repository, and more recently, through document sharing services offered on the web. However, each of these solutions has its own limitations including:

- How do you ensure that when one person is updating a file, another person is not simultaneously making changes and creating version conflicts?
- How do you know that team members are working on the most up to date files, regardless of where they are?
- How do you manage file access performance for large files stored on the web or through a slow WAN connection and do it securely?

Introducing PeerLink®

PeerLink was created to facilitate fast and efficient business file sharing and collaboration for geographically dispersed project teams.

Based on Peer's DFSR+® technology, PeerLink enables real-time file replication and version conflict prevention across Windows, NetApp and hybrid cloud storage environments, is easy to install, powerful to use, and seamless to end-users.

- Real-time replication ensures the same data exists on all participating servers regardless of where changes occur.
- Distributed file locking technology prevents users at different office locations from accessing a file that is already in use by a user at another location.

Optimized for Windows, NetApp and Hybrid Cloud Environments

The adoption of feature-rich network storage appliances has grown to meet the increasing demand for manageable and scalable storage systems. Most enterprises start with Windows storage then migrate larger offices to NetApp solutions and today are adding hybrid cloud capabilities. Consequently, a mixed environment has become common across the enterprise while the requirement for file collaboration remains strong.

To meet this challenge, PeerLink utilizes DFSR+ technology that works in concert with NetApp FPolicy to enable real-time file replication and version conflict prevention, which allows organizations to eliminate reliance on less optimal file collaboration methods such as email or WAN accelerators.

Main Features:

Centralized Management and Monitoring

Centralized management console allows IT administrators to efficiently configure and monitor collaboration jobs between participating servers.

Real-time Event Detection and Mirroring

Real-time event detection allows file events (file add, delete, modify, open, lock) to be mirrored to participating servers immediately.

Multi-platform Support

Allows file collaboration between mixed Windows, NetApp Data ONTAP, cDOT and Cloud ONTAP environments.

Smart Data Seeding™

Set a filter on last modification or access date to define which data will be initially copied to your target systems.

Intelligent File Conflict Resolution

File conflicts created during connectivity outages are managed by a File Quarantine and Alerting process.

Multi-threaded Performance

Enterprise level parallel processing takes advantage of multi-core processors for fast replication of file events to handle high server activity loads.

Unicode Compliant

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

File Deletion Protection

Accidental deletions are protected by moving the deleted file into a temporary folder for easy recovery.

File Revision Protection

Store the last "x" previous versions of a document as changed to enable easy rollback capabilities to a previous version.

Byte-level Replication

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

Security Protection

File and folder permissions (ACLs) are automatically synchronized to all servers.

Intelligent Connection Check

Momentary connection breaks are handled gracefully. Upon connectivity being re-established, the agent will be reconnected into the collaboration session.

Multiple Connectivity Options

Servers can be connected through a LAN/WAN or through secure TCP/IP (Support for Cross Domain / AD replication)

Sync-On-Save™

Sync files (MS Office) to the target systems while the source file is still open.

Emailed Alerts

Receive automated alerts for file activity replication issues as well as server and connectivity outages.

ABOUT PEER SOFTWARE

Peer Software develops data management solutions addressing the unique challenges related to backup, replication and collaboration in a WAN environment. Since 1993, Peer solutions are in use globally by over 10,000 corporate, government and education customers including half of the US Fortune 100.

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Peer Software File Collaboration Solutions:

	PeerLock	PeerLink
Supported OS	Windows	Windows, Data ONTAP, Cloud ONTAP
Replication Engine	Microsoft DFSR	PeerLink
File Locking Solution	PeerLock	PeerLink
Central Monitoring Console	OPTIONAL	YES
File Locking During Transfer	NO	YES
Supported Network Latency	<150 ms	>150ms
Replication Topology	Full Mesh	Hub & Spoke
Recommended Sites	3 ^(*)	2 - 100
Cross Domain	NO	YES
Cross AD's	NO	YES
Collaboration Class	BASIC	ENTERPRISE

*1 - These numbers assume a FULL MESH replication architecture. A STAR TOPOLOGY architecture can support a higher number of sites.



More information

