

PeerGFS™

CREATE A MODERN DISTRIBUTED FILE SYSTEM
ACROSS EDGE, DATA CENTER, AND CLOUD STORAGE



HIGHLY AVAILABLE FILE SERVICES AND CONTINUOUS DATA PROTECTION (CDP) IN ONE SOLUTION

Peer Global File Service (PeerGFS) is an enterprise-class solution that helps customers solve data management challenges with file and object storage in multi-site, multivendor, and multi-cloud environments.

Featuring an Active-Active file services fabric that seamlessly integrates existing storage systems, PeerGFS provides users with fast, local access to their data while simultaneously enabling CDP and high availability.

PeerGFS combines proven real-time file replication, distributed file locking, and file-to-object replication capabilities that deliver greater flexibility in how and where customers can store data, while making it immediately consumable.

PeerGFS is a resilient solution that is effective across a variety of network environments including:

- ▶ Well-connected data centers with high volume data replication requirements
- ▶ WAN environments with limited bandwidth and higher latency that have been problematic for other solutions

IT administrators can quickly install and easily configure PeerGFS. It is non-disruptive as it transparently integrates on top of existing onpremises and cloud-based storage, and scales well with your storage infrastructure.

This flexibility extends to future storage decisions and investments, thanks to a software-based approach which eases integration with new storage systems.

Why PeerGFS?

PeerGFS improves productivity by keeping hot data local, close to the users, their applications, and computing resources. It also helps organizations build real-time data infrastructure for near-zero RPO/RTO. Additionally, PeerGFS provides the flexibility to choose, copy or move data workloads across different storage platforms or cloud environments, while optimizing storage efficiency at edge locations.

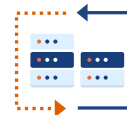
From maintaining shared files on local networks near project teams, enabling Active-Active high availability, keeping VDI user data in sync between locations, or moving on-premises file data into object storage, PeerGFS bridges the divides that prevent data from being effectively utilized.

Key Use Cases



EDGE FILE MANAGEMENT

Deliver fast, local access to shared project and application files, ensure version integrity, and control growth of unstructured data.



DATA CENTER SYNC

Enable high availability and load balancing of end user and department data for applications and VDI by introducing Active-Active file services.



OBJECT STORAGE INTEGRATION

Replicate to Azure Blob, AWS, and other S3-compatible storage platforms for CDP and cloud analytics to leverage your data for a sustainable competitive advantage

Key Features



ACTIVE-ACTIVE SYNC WITH VERSION INTEGRITY

Replicate data in real-time across leading hybrid and cloud storage systems while ensuring version integrity of shared files.



EFFICIENT DELTA-LEVEL REPLICATION

Only changed blocks of a file will be replicated across WAN links.



GLOBAL DFS NAMESPACE

Unify enterprise storage with Microsoft DFS-N.



DYNAMIC STORAGE UTILIZATION

Manage data growth and performance at edge locations.



OBJECT CONNECTOR

Native support for leading object storage systems (cloud/on-premises).



CROSS-PLATFORM INTEGRATION

Real-time replication engine integrated with leading storage platforms including Windows, NetApp, Nutanix and Dell EMC, as well as Amazon FSxN, and Cloud Volumes ONTAP.

Benefits



FAST FILE ACCESS

Improve productivity for distributed teams by enabling fast, local access to shared project files.



INTEGRATE EXISTING AND NEW INFRASTRUCTURE

Replicate data between existing and new storage systems that meet your specific application and business requirements.



SIMPLIFY HIGH AVAILABILITY AND BACKUP

Reduce cost of legacy backup systems that do not meet uptime requirements while benefiting from real-time high availability.



CONTROL SPIRALING DATA GROWTH

Optimize storage footprints while maintaining performance at edge locations.

ABOUT US

Since 1993, Peer Software has developed data management solutions that address unique challenges related to data synchronization, backup, and file collaboration in multi-site (WAN) environments.

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