



Active-Active File Services for the Nutanix Enterprise Cloud

“Most organizations with ROBO deployments would deliver IT services entirely through a centralized data center model if they could, but they eventually encounter the realities of trying to deliver these services over their WAN—so they can’t.”-

- Jason Buffington, Principal Analyst
Enterprise Strategy Group

Customers need the ability to optimize the placement of applications and data workloads to ensure performance and availability. This requirement is further complicated by applications, data, and people dispersed across multiple storage platforms, data centers, and remote office/branch office (ROBO) locations. Placing data local to users and applications enables optimal use while increasing high availability. However, manageability of file services infrastructure becomes increasingly complex as the number of sites and storage systems grow.

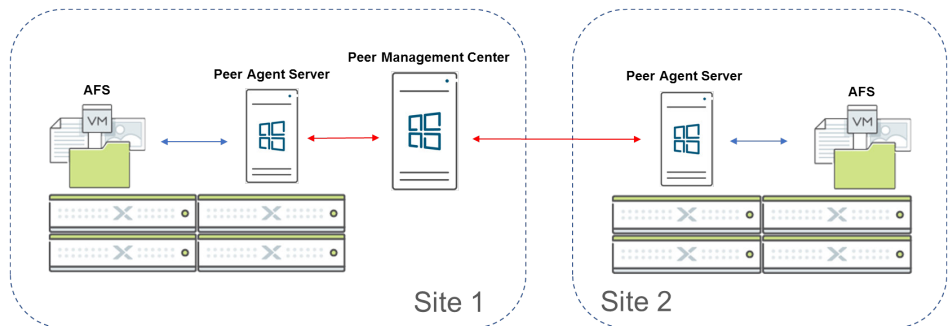
PEER GLOBAL FILE SERVICE AND NUTANIX AFS

Nutanix Acropolis File Services (AFS) provides software-defined, scale-out file storage for various workloads that are tightly integrated with the Nutanix Enterprise Cloud OS. AFS offers customers the ability to co-locate file services on the same system, which simplifies data center infrastructure while providing scalability and manageability that rivals public cloud alternatives.

For over two decades, Peer Software has dedicated itself to unifying unstructured data across locations, storage vendors, and formats. We empower our customers with the ability to choose optimal local, public, or private cloud storage to fully leverage, share, and protect their data, which is reflected in our flagship solution Peer Global File Service (PeerGFS).

When combined with AFS, PeerGFS creates a globally-distributed Active-Active file services fabric that weaves AFS clusters together with real-time file synchronization and file locking, all accessible under a single global namespace. Users are now able to work efficiently on data hosted by local AFS clusters with integrated version conflict prevention.

PEER ACTIVE-ACTIVE SOLUTION ARCHITECTURE FOR NUTANIX AFS



- Active AFS clusters at each site with independent namespace
- Peer Software replicates selected share data between the two AFS clusters

KEY BENEFITS OF PEER WITH NUTANIX AFS

- Simplify data center infrastructure by moving file services from legacy storage to the same Nutanix platform hosting VMs and application workloads.
- Experience fast local access to shared project files while preventing version conflicts.
- Designed to ensure that user data is highly available and load balanced for VDI workloads.
- Extend the reach of AFS by enabling it to coexist with legacy storage systems and ease migrations to AFS.
- Streamline deployment and management to easily scale file services performance and/or capacity across locations.



NUTANIX READY VALIDATION

PeerGFS is validated on AHV

RESOURCES AND GETTING STARTED

- Nutanix Technology Alliances – [Peer Software](#)
- Solution on [Peer Website](#)

ABOUT PEER SOFTWARE

The explosive growth of unstructured data has driven organizations to seek solutions to efficiently store, share, manage and protect an ever growing universe of data while deriving new value and intelligence. Since 1993, Peer Software has focused on these requirements and more by building best-of-breed data management and real-time replication solutions to enable customers to bridge the data divide in a multi-site, multi-vendor, multi-cloud world. Please visit www.peersoftware.com for more information.



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Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at www.nutanix.com or follow us on [Twitter @nutanix](https://twitter.com/nutanix).

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