

## Nasuni on Google Cloud

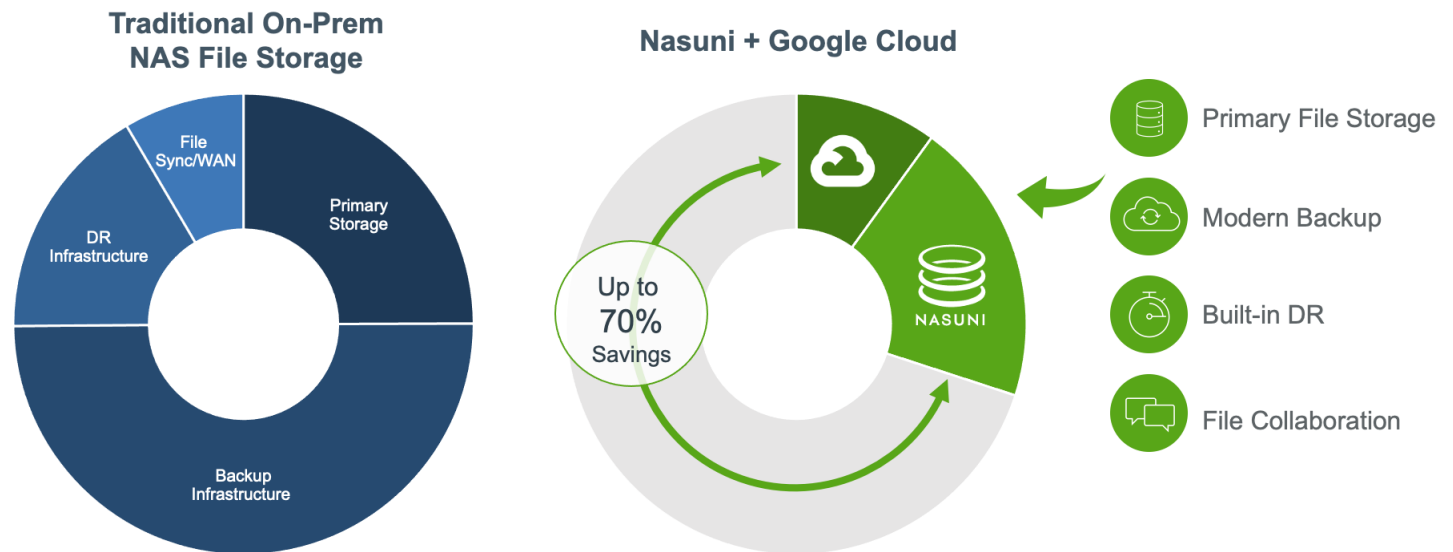
# Cost-Optimized, Primary Cloud File Storage

### Cost Optimized Cloud File Storage That Saves You Up to 70%

Nasuni and Google Cloud have partnered to bring to market a cost-optimized, primary file storage solution that takes advantage of Google's low-cost object storage without sacrificing end-user performance. Google Cloud's unique, immediate-access Archive tier, paired with Nasuni's cloud architecture, finally brings a high-performance, enterprise-grade file storage solution that delivers dramatic cost savings. Modeling their cloud offerings on the same infrastructure that returns billions of search results in milliseconds, serves 6 billion hours of YouTube videos per month, and provides storage for over 1.5 billion Gmail users, Google Cloud passes cost savings on to customers while Nasuni ensures a great end-user experience with intelligent virtual edge appliances.

### Traditional File Storage Infrastructure is Costly and Inefficient

IT leaders face a constant challenge of budgeting, provisioning, and protecting file storage. An explosion of unstructured file data and the need for businesses to gain more insight from their files has made this challenge even more difficult. Traditional on-premises file infrastructure consisting of NAS, Windows file servers, backup solutions, and remote access and replication technologies is expensive to buy and maintain, and must be continually refreshed, migrated, and re-deployed to meet ever-changing business requirements.



## Benefits



### File Consolidation

Move NAS and file server silos to Google Cloud, reducing on-premises hardware, simplifying management, and replacing capacity planning with on-demand scale.



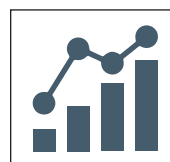
### Modern File Backup & Disaster Recovery

Eliminate traditional file backup infrastructure and gain instant file recovery to any point in time with Nasuni Continuous File Versioning®.



### Global File Sharing

Streamline workforce collaboration with the combination of multi-site file synchronization, version control, local performance, and cloud scale.



### Data Analytics

Use Google Cloud and analytics services to turn file data into Big Data.

## Key Features



### High-Performance File Access

Virtual Nasuni Edge Appliances store all files in Google Cloud

Archive, while intelligently caching active files locally for high-performance file access through SMB (CIFS) and NFS protocols. If cached files become inactive, they are evicted, leaving only the gold copies in Google Cloud. If the files become active again, they are automatically retrieved from Google Cloud and re-cached. A cache hit rate of nearly 99% minimizes data egress fees and ensures that file access is at local LAN speeds.



### Nasuni Continuous File Versioning

Nasuni's next-generation snapshot technology continu-

ously captures file changes in every location and stores them as read-only objects in Google Cloud to create an unlimited, immutable version history. With the need for traditional file backup infrastructure eliminated, IT will never again have to manage backup schedules, restore files from tapes, or manage media servers. All file versions from nearly any point in time can be recovered to any Nasuni Edge appliance from Google Cloud in minutes.



### Multi-Site File Synchronization and Nasuni Global File Lock®

Nasuni Edge Appli-

ances in multiple locations can be mapped to the same Google Cloud volume, enabling users around the world to concurrently access the same files and shares. File changes from every location are synchronized first to Google Cloud, then to other appliances that are caching the same files. Nasuni Global File Lock ensures only one user at a time in any location can edit shared files, helping to avoid version conflict.

## Reduced Cost and Complexity

Nasuni and Google Cloud replace the many on-premises products and technologies currently needed to store, share, and protect file data:

- Network Attached Storage (NAS) and file servers
- Backup software, tape and disk-based backup hardware, media servers, and tape and disk media
- Disaster Recovery (DR) sites, co-location facilities, and duplicate file infrastructure
- Remote access, file replication, and file transfer infrastructure (e.g. MPLS, WAN acceleration hardware and software for file workloads, FTP)
- Enterprise file sync and share tools

## About Nasuni

Nasuni® is a file storage platform built for the cloud, powered by the world's only global file system. Nasuni consolidates Network Attached Storage (NAS) and file server silos in cloud storage, delivering infinite scale, built-in backup, global file sharing, and local file server performance, with substantial cost savings over traditional file infrastructures. Enterprise customers use the Nasuni software-as-a-service platform for NAS consolidation; backup and recovery modernization; multi-site file sharing; and rapid, infrastructure-free disaster recovery, while also serving as a foundation for data analytics and multi-cloud IT initiatives.

Leading companies from a wide-array of industries rely on Nasuni to enhance workforce productivity, reduce IT cost and complexity, and maximize the business value of their unstructured data. Sectors served by Nasuni include consumer goods, manufacturing, creative services, engineering and construction, technology, pharmaceutical, oil and gas, financial services, and public sector agencies. Nasuni is based in Boston, Mass. USA. For more information, visit [www.nasuni.com](http://www.nasuni.com).

