

# Enterprise File Storage Simplified for the Cloud



## Overview

Your file shares and application workflows are at the heart of your organization's productivity. But, the growth of unstructured data across the enterprise is creating silos of data and making file storage infrastructure more complex, costly, and difficult to manage.

Nasuni replaces your on-premises file server, Network Attached Storage (NAS), backup, and disaster recovery (DR) infrastructure with a cloud-native SaaS solution that saves money, scales infinitely, and is simple to manage. Better yet, it provides a file storage platform that allows you to unify multiple sites worth of data.

The combination of Nasuni with Azure, Amazon Web Services, or Google Cloud gives you unlimited file server capacity on-demand, built-in backup, DR, and file sharing across any number of users and locations.

Nasuni continuously protects your data so you can recover from ransomware and other outages quickly and with confidence. Whether you deploy Nasuni completely in the cloud, as a hybrid-cloud solution, or in your private cloud, your data is always protected and accessible with fast local performance. Nasuni uses cloud object storage to lower costs and deliver unlimited scalability to your enterprise, whether it consists of one site or hundreds.

## Key Benefits



### Simplicity at Scale

With Nasuni, you provision and manage file storage with capacity on-demand for an unlimited number of sites from a single console. Everywhere you deploy Nasuni, you eliminate the need to set up separate solutions for file sharing, backup, and DR. Nasuni eliminates data silos using a single global file system that can synchronize files across all of your locations.



### Speed at Scale

Thanks to Nasuni's lightweight Edge Appliances, your files are always available at LAN speed or faster. Whether you deploy Nasuni fully in the cloud, in a hybrid-cloud configuration, or in a private cloud on-premises, you get the benefit of being able to store and access unlimited files across any number of locations, without cloud latency or high data egress fees.



### Savings at Scale

By eliminating the legacy on-premises infrastructure needed for file servers, backup, and DR, Nasuni provides up to 50% or more savings over traditional architectures and can reduce your file infrastructure footprint by up to 90%. By fully leveraging cost-effective cloud object storage instead of just tiering to the cloud, Nasuni costs significantly less than other cloud storage solutions.

## Primary Use Cases



### NAS and File

#### Server Consolidation

Eliminate file storage silos with a simple, low-cost, highly-available, and centrally-managed solution with built-in backup, DR, and ransomware mitigation, all in one.



### Global File Synchronization

Accelerate workforce productivity and globally share, access, and collaborate on files of any size and type across your organization with fast local performance and without version conflicts.

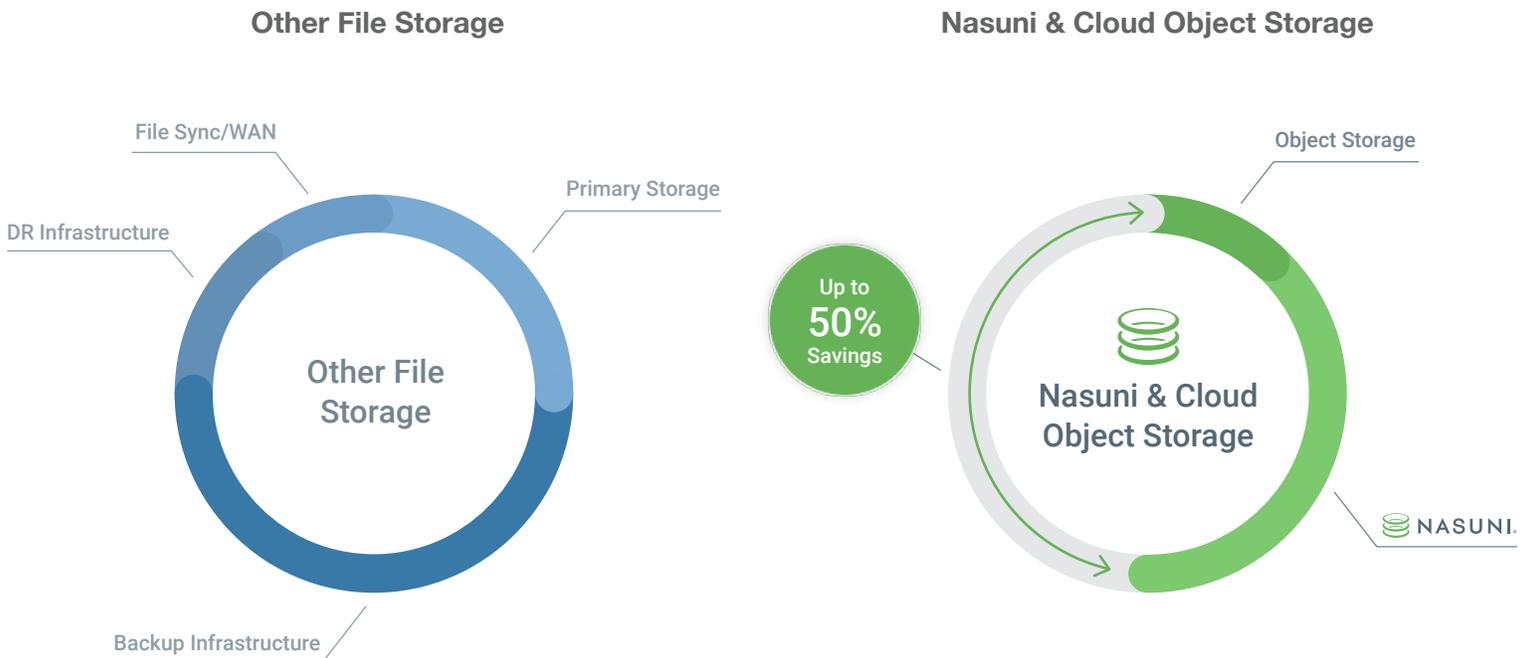


### Data Protection

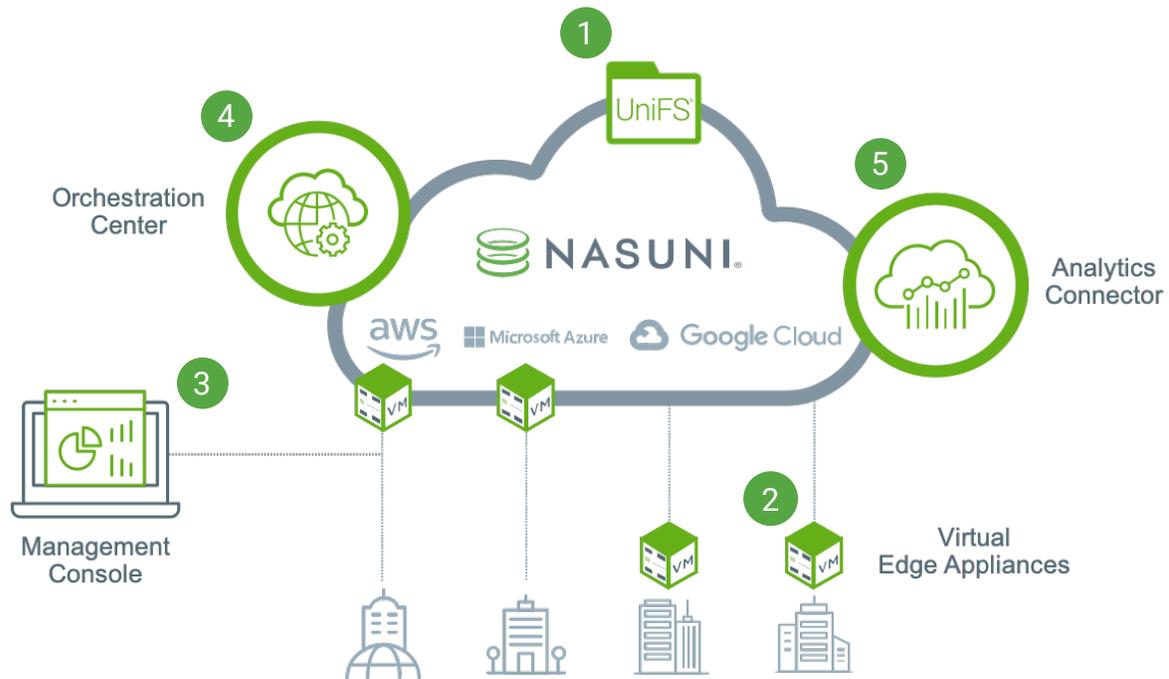
Built-in backup, DR, and ransomware mitigation at no extra cost. Continue business as usual with 15-minute DR so files remain protected at all sites and are always quickly restorable after an outage or attack. Nasuni keeps your data safe and secure with AES encryption and stores files in redundant, highly-available, and durable cloud object storage.

## Nasuni Dramatically Cuts Costs

### Native Use of Object Storage Drives Cloud Economics



## Architecture



- 1 UniFS®:** At the heart of Nasuni’s architecture is the world’s only global file system designed to scale without limits inside AWS, Azure, or Google Cloud object storage. By storing all files, metadata, and inodes as objects and leveraging the power and scalability of the cloud, UniFS® frees you of the capacity, volume, and file-size constraints of legacy device-based file systems.
- 2 Nasuni Edge Appliances:** These lightweight virtual machines or hardware appliances cache copies of frequently-accessed files whenever high-speed SMB or NFS access is needed. Deploy them on-premises or in the cloud to replace legacy file servers and NAS devices.
- 3 Nasuni Management Console:** Simple and centralized management of edge appliances, volumes, snapshots, recoveries, protocols, shares, and more – all through a convenient single pane of glass. Use the web-based interface for point-and-click configuration, or the REST API for automated monitoring, provisioning, and reporting across any number of sites.
- 4 Nasuni Orchestration Center (NOC):** A zero-maintenance cloud service that coordinates global file synchronization and Nasuni Global File Lock. Unlike competitive solutions that use a Windows Server as their control path, the NOC is built on elastic, multi-region cloud services that enable files to be shared across any number of locations globally and at any scale, without version conflict.
- 5 Nasuni Analytics Connector:** Uncover latent insights from your unstructured data by easily making your Nasuni data available to powerful AI and cloud analytics services from Azure and AWS. Enable solutions like enterprise search, data privacy and compliance, image and video recognition, and other analytics use cases.

Cloud Leader Integrations



## Highlights



### Unlimited File Storage

On-demand capacity to an unlimited number of sites and users. Eliminate the upfront guesswork and capacity planning, and never worry about buying too little or too much again.



### Global File Synchronization and File Lock

Automated, highly-available, and no-maintenance Nasuni Orchestration Center provides global file synchronization and file locking across millions of files and thousands of users. To further maximize file synchronization performance across global locations with highly-collaborative workloads, Global File Acceleration uses intelligence based on real-time, machine-learned user activity to accelerate and prioritize file synchronization to ensure that your distributed workforce has the very fastest access to the files they need most.



### Infinite Backup

Nasuni Continuous File Versioning™ allows a nearly infinite number of snapshots, so you can easily recover to any point in time in just minutes to satisfy business RPO and RTOs and quickly mitigate ransomware.



### 15-Minute Disaster Recovery

Restore file access for multiple sites within 15 minutes. Nasuni stores configuration and user data for each site in the cloud, along with immutable gold copies of files. During an outage, simply set up a new edge appliance at any site or the cloud and your users can begin accessing their files in less than 15 minutes.



### Near Zero Cloud Latency

Extremely efficient edge appliances provide up to a 98% cache hit rate, to give you high-performance access to files whenever you need them. Edge appliances can run in the cloud or on-premises on your existing hyperconverged and virtual infrastructure, to reduce your overall file storage and infrastructure footprint up to 90%.



### Extensive Protocol Support

Nasuni supports access to files through standard file sharing protocols, like SMB (CIFS), NFS, FTP, SFTP, HTTPS, and more. Nasuni's advanced support for extended macOS file attributes and metadata allows for easy file sharing across Windows and Mac environments.



### True Multi-Cloud Flexibility

Nasuni supports Amazon S3, Google Cloud Storage, and Microsoft Azure Blob storage, as well as leading private cloud object storage solutions. It's your data, so you decide where it lives. You can easily build a flexible, multi-cloud solution with cloud mobility to put your data where it makes the most sense for your business.



### Subscription Cost Model

Pay only for what you need with Nasuni's subscription cost model. With an annual subscription based on usable TB, there are no hidden extra charges for snapshots or DR, and no charge for Nasuni Edge Appliance VMs, which you can deploy whenever and wherever fast file access is needed.

Trusted by the World's Biggest Companies



One Marina Park Drive  
Boston, Massachusetts 02210  
United States  
www.nasuni.com  
SAL-0115 06/21