



The modern, cloud-based solution for affordable, long-term file retention and rapid retrieval at scale.

Solution Overview

NASUNI ARCHIVE is the modern, cloud-based solution for long-term retention and rapid retrieval of cool files. NASUNI ARCHIVE is part of the Nasuni® Cloud File Services™ product family, a consolidated platform that enables enterprises to store, protect, synchronize, and collaborate on unstructured file data at scale, and that automatically reduces costs as files age so data never has to be migrated again.

Available stand-alone or bundled with other Nasuni services, NASUNI ARCHIVE gives IT a scalable, cost-effective, and manageable archiving solution that meets cloud-first objectives and eliminates tedious data migrations and forklift upgrades. End users gain limitless archive capacity and instant access to archived files from any location.

NASUNI PRIMARY is primary file storage, backup, and disaster recovery for traditional NAS and file server workloads.

NASUNI ARCHIVE is affordable long-term file retention and rapid retrieval for cool file workloads.

What is NASUNI ARCHIVE?

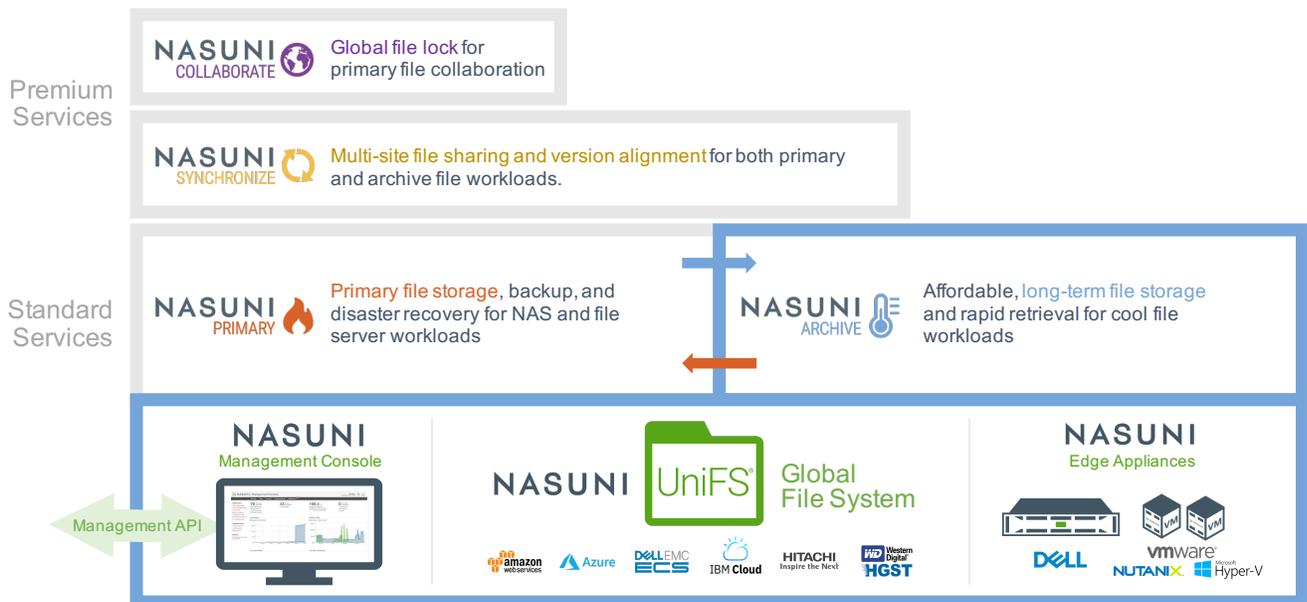
NASUNI ARCHIVE is a software-defined solution that leverages the low cost, scalability, and durability of private (on-premises) or public cloud object storage and Nasuni’s cloud-based UniFS® global file system to transform the storage of cool files.

Just like device-based file systems were needed to make disk storage usable for storing files, Nasuni UniFS overcomes obstacles inherent in object storage related to latency, file retrieval, and organization to make object storage usable for storing files, with key features like:

- Fast retrieval of archive files from any location.
- Legacy application support without app rewrites.
- Familiar hierarchical folder structure for fast access.
- Unified platform for primary and archive file storage, with auto-reclassification to archive as files age.

NASUNI SYNCHRONIZE extends the NASUNI PRIMARY and NASUNI ARCHIVE services with seamless file sharing across any number of locations.

NASUNI COLLABORATE extends NASUNI PRIMARY and SYNCHRONIZE with the ability to globally lock files.



NASUNI ARCHIVE is a standard service offering of the Nasuni Cloud File Services platform that can be purchased stand-alone or bundled with other Nasuni standard or premium services.

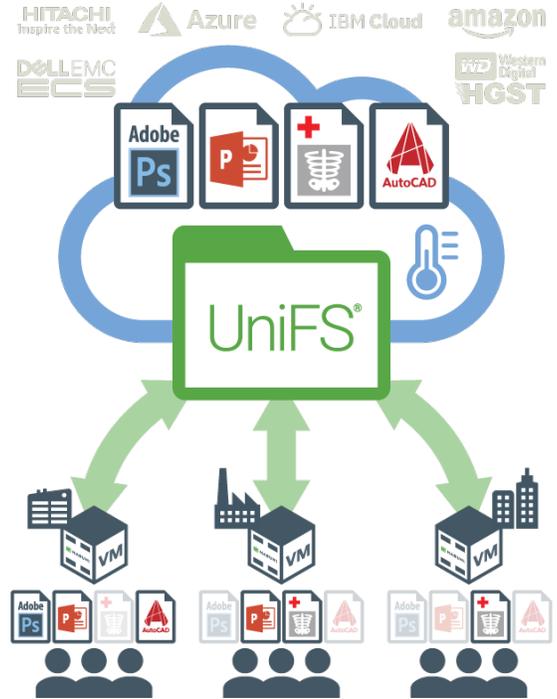
How Does NASUNI ARCHIVE Work?

NASUNI ARCHIVE offers long-term unstructured data retention without the usual long wait times to retrieve archived files, or the typical archive costs, access restrictions, and investments in on-premises or off-site archive storage.

Nasuni’s patented **UniFS global file system** ingests files through virtual or physical Nasuni Edge Appliances using standard CIFS and NFS file sharing protocols. Files are encrypted, compressed, and de-duplicated, then stored as objects in object storage, while keeping them fully accessible as WORM files, with all original permissions and metadata intact. Files can be recalled from object storage in seconds and accessed through the edge appliances, which cache actively used files and provide file access at local LAN speeds. Local copies of files are automatically cleared from the appliance cache over time as they age, leaving only the permanent, immutable “gold” copies in object storage. Archive capacity scales without limit because each edge appliance is merely a caching front end to cloud object storage.

When used with NASUNI PRIMARY, inactive files are automatically reclassified as NASUNI ARCHIVE, greatly reducing costs and eliminating the need to migrate file data to other storage tiers.

When combined with the optional **NASUNI SYNCHRONIZE** service, NASUNI ARCHIVE provides the unique ability to seamlessly share archive data across any number of sites.



UniFS is the only file system based natively in cloud object storage that provides unlimited scalability, fast file access from any number of locations, industry-leading RPO/RTO, and rapid disaster recovery without dedicated DR sites.

Specifications

Cloud object storage	Public Cloud: Amazon S3; Azure Blob; Dell EMC Virtustream; Google Cloud Storage Private Cloud (On-Premises): Dell EMC ECS; Hitachi Object Storage; IBM Cloud Object Storage; Western Digital ActiveScale
Archive capacity	Limitless – capacity of cloud storage
Maximum # files	Limitless
Maximum file size	Limitless
Nasuni Edge Appliances	Virtual: Amazon EC2; Azure VMs; Microsoft Hyper-V; Nutanix AHV; VMware ESXi Physical: Nasuni Dell OEM appliances in various configurations - see Nasuni Edge Appliance data sheet
Access/migration	CIFS, NFS, and HTTPS protocol support to support any app; automated migration to cloud storage
Versioning frequency	As often as every 6 hours
Storage reduction	Average 40% through deduplication and compression
Security	Files encrypted using AES 256 with customer-owned keys; stored in WORM format (never overwritten)
Authentication	Active Directory and LDAP integration for archive file authentication and access
Number of locations	Read and write access from any number of locations with NASUNI SYNCHRONIZE premium service
Retrieval time	Seconds from cloud storage; milliseconds from Nasuni Edge Appliance cache
Auditing & logging	Built-in and API for integration with Syslog and other third-party tools; integration with Varonis Data Security Platform for threat detection and Chain of Custody monitoring
Programmability	REST API with Etag support
Licensing	Priced per TB; annual subscription; cloud object storage purchased separately

How Does NASUNI ARCHIVE Align Business and IT Objectives?

NASUNI ARCHIVE enables business users to:

- Archive files as WORM for long-term reference without ever running out of space.
- Retrieve critical files from archive storage without delay and access them at local LAN speed.
- Roll back to any version of archived files to any point in time.
- Access and write to archive storage from any location (requires **NASUNI SYNCHRONIZE** premium service).

NASUNI ARCHIVE enables IT professionals to:

- Reduce the cost of storing active, primary file data as it becomes inactive.
- Eliminate having to do bulk data migrations to lower cost tiers or forklift upgrades ever again.
- Achieve cloud-first objectives by moving cool file workloads to cloud object storage.
- Reduce on-premises tape and disk-based archive costs and associated floor space, power and cooling up to 80%.
- Consolidate primary file storage and archive file storage in a single unified platform.
- Eliminate the need for off-site tape or disk archive storage.
- Provision more archive capacity instantly, without purchasing and deploying more hardware.
- Ensure long-term data integrity, security, and no vendor access to files with end-to-end encryption, WORM storage, and the advanced security capabilities of leading cloud storage solutions.



Nasuni UniFS enables object storage to be used for archive file storage by providing critical file system features like broad app compatibility, high performance file access from any location, advanced data protection, and a familiar folder structure.

About Nasuni

Nasuni provides the first multi-cloud platform that enables enterprises to store, protect, synchronize, and collaborate on unstructured file data as it transitions from actively used to inactive. Powered by Nasuni’s patented UniFS® global file system, Nasuni Cloud File Services™ stores all files in private or public cloud object storage, caches active files wherever fast access is needed, and automatically correlates what customers pay with how they use their data. By eliminating the need for NAS, file server, backup, archiving, disaster recovery, and file synchronization solutions, Nasuni’s consolidated platform improves workforce productivity, simplifies IT operations, and reduces IT costs. The world’s largest companies in 12 industry sectors rely on Nasuni to maximize the business value of their file data and ensure business continuity. Nasuni operates globally from its worldwide headquarters in Boston and European office in London.

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