

Nasuni for Microsoft Azure StorSimple Customers



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Move Your StorSimple Data to a Leading Microsoft Azure ISV and Get More Value Out of Your Unstructured Data

Microsoft has announced end-of-life for StorSimple, its Azure-based hybrid cloud storage solution. At the time Microsoft acquired the technology, StorSimple represented the best of both worlds—the scalability of Azure storage for low-cost, limitless capacity; and on-premises physical or virtual storage arrays for performance and flexibility. StorSimple's high-capacity, simple device helped customers easily manage growing amounts of unstructured data, ranging from images, to video, to files of all types. With its innovative combination of solid-state disks, hard drives, and tiering to the cloud, it represented one of the first solutions to optimize high volume storage costs while providing acceptable end user access speeds across large amounts of data.

Fast forward to today, and StorSimple customers are still looking for ways to continue this optimal balance of cost and access, while getting even more value out of their unstructured data. Because of StorSimple's ease at handling high capacity, many have had to add multiple volumes to their system and have data sets of 100 TB or larger. However, Microsoft has

announced that StorSimple will reach end-of-life in 2022 and is encouraging customers to plan a migration strategy now.

Microsoft Is Progressively Moving StorSimple to End-of-Life

Model	End of Support
5000 Series	7/19/2019
7000 Series	7/19/2019
8000 Series	12/30/2022

Making the Right Migration Choice

StorSimple customers face a range of choices for migrating their existing data. The right choice depends heavily on matching their current use case and workload with a modern Azure solution that not only supports their current requirements, but is cost-effective and offers a roadmap for future success. Here's how key migration options compare at a high level:

Nasuni supports enterprise file storage workloads and helps you derive greater value from your unstructured data.

System	StorSimple	Data Box and Azure Stack	Azure Files with Azure File Sync	Nasuni and Azure Blob storage
Workload	Going EOL	Data pre-processing and/or burst data transfer to cloud for archive	Up to 100 TB of file server storage; limited file synchronization to the cloud across a limited number of offices.	Unlimited primary NAS and file server storage; enterprise file synchronization across any number of offices no limits to the number or size of files, shares, volumes, snapshots
Use Case(s)	File server, archive, dedicated backup	Archive, batch storing	Windows file servers in the cloud;	Windows file servers in the cloud; enterprise NAS and file server consolidation; Multi-site and global file sharing; backup and DR modernization; cloud VDI file storage

Built for the cloud, Nasuni saves money by using Azure Blob or other leading public or private cloud object storage solutions as the back-end repository for all file data.

Like StorSimple it provides you with the capacity you need for your unstructured data while ensuring high performance local file access.

Why the Choice is Nasuni for Enterprise File Workloads, Easy Migration, and Increased Data Value

For the majority of StorSimple customers, Nasuni® cloud file services will be the right choice for migration. Nasuni supports enterprise file storage workloads and helps you derive greater value from your unstructured data. Built for the cloud, Nasuni saves money by using Azure Blob or other leading public or private cloud object storage solutions as the back-end repository for all file data. Like StorSimple it provides you with the capacity you need for your unstructured data while ensuring high performance local file access. However, in addition to delivering on this core capability of StorSimple, it enhances the value of your data with additional features, including multi-site file access, file synchronization across unlimited sites, access to data analytics, and built-in fast file recovery and DR.

Multi-Site Access

Nasuni enables StorSimple customers to share their data with users across multiple locations. These locations will be able to store, access, share and synchronize files across a limitless number of users and sites. Unlike StorSimple, Nasuni’s global file system keeps

all files and file changes in Azure Blob storage to provide unlimited capacity for file shares. Nasuni’s global file system also provides a single source of truth, with a gold copy of each file and all its changes kept in the cloud.

Fast Local Access

Like StorSimple, Nasuni offers fast local access to files. Stateless, lightweight edge appliances virtual machines provide deduplication and encryption before storing file data in Azure, while caching frequently accessed files in each edge location to eliminate cloud latency and minimize data egress fees.

Data Protection

With Nasuni, backup does not require a dedicated device or separate hardware. Using a patented feature called “Continuous File Versioning,” Nasuni stores all file changes in Azure Blob storage, automating data protection and eliminating the need for a separate investment in backup software and hardware. A key benefit to this technology is fast file recovery — lost files or even entire volumes can be restored very quickly. Your IT team

can set RPO's and RTO's in advance and reliably meet your SLA. This comprehensive data protection extends to disasters and outages — any site that loses access can quickly restore access to active files in as little as 15 minutes.

Productivity

Enhanced cross-office file sharing made possible by Nasuni's patented file synchronization will enhance the value of your StorSimple data and streamline workflows. In addition, patented Nasuni Global File Lock® technology ensures that two people (even in different countries) cannot edit a file at the same time, eliminating version conflict.

Value

Another advantage of the Nasuni platform is the ability to turn file data into business value

by tapping into leading-edge analytics, search, and AI services being created by cloud providers Azure. These services open a host of insights and powerful analytics to be able to do things like detect PII data, perform image recognition, and provide video scanning for OSHA compliance.

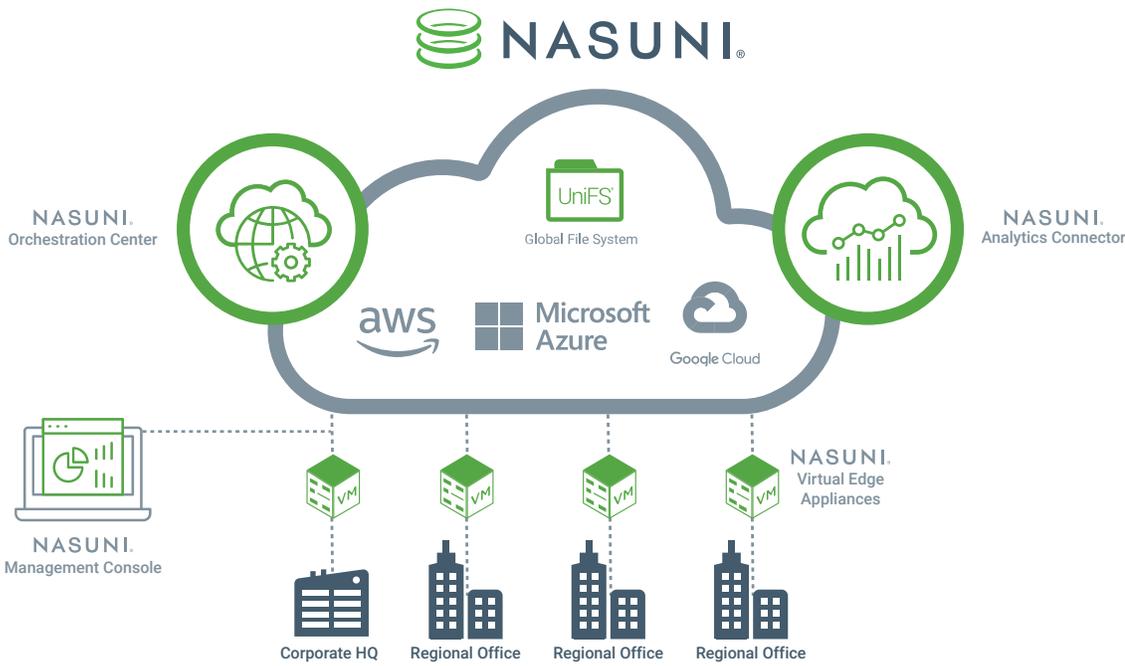
Fast, Simple Migration of Your Data from StorSimple to Nasuni

Nasuni's professional service teams and certified partners can migrate your StorSimple data into your Azure (or other) object storage on time and on a schedule that works for your team, without interrupting ongoing operations and access. Nasuni offers a full range of offerings ranging from an assisted migration to a full migration, using state of the art data migration procedures and tools.

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Here is an overview of how Nasuni and Azure Blob storage compare with StorSimple and Azure Files with Azure File Sync:

Capabilities	StorSimple	Azure Files with Azure File Sync	Nasuni and Azure Blob storage
Overview	Tiered hybrid storage	Hybrid file solution	Cloud-native file services platform for enterprise NAS and file server workloads
Deployment model	Hybrid cloud with hardware or virtual appliance on-premises	All-cloud; hybrid cloud with up to 100 on-premises sites each with dedicated Windows server	All-cloud; hybrid cloud with unlimited on-premises sites using lightweight virtual edge appliances
Key Features	Deduplication, Cloud tiering, Integrated cloud snapshots	Windows file shares with edge sync	Deduplication; encryption; unlimited number and size of volumes, shares, files, snapshots; global name space, global file lock
Cloud Storage	Azure Blob	Azure Files	Azure Blob (or other object storage)
Built-in backup	Scheduled Snapshots	No — requires separate Azure Backup service	Continuous snapshots; unlimited versioning; fast file recovery
Built-in disaster recovery	No	No	Yes
Volume Size	64TB	2 PB or 100 TB	Unlimited
Multi-site file storage	Single site	100 TB all sites	Unlimited sites, unlimited capacity
Global file sharing	No	No	Yes
Protocol Support	iSCSI (SMB, SVA only)	SMB, NFS (only with Sync)	SMB, NFS



Nasuni file services delivers cloud scalability and enhanced value for your StorSimple unstructured data workload.

About Nasuni

Nasuni® is a file services platform built for the cloud, to consolidate and replace file server and NAS silos with cloud storage, delivering infinite scale, built-in backup, global file sharing, and local file server performance, all at half the cost of traditional file infrastructures.

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