SharePoint File Data Lifecycle Management

Eliminate overage costs, improve backup/recovery, and protect against ransomware by moving files to Nasuni

Overview

Microsoft SharePoint is the premier content management and collaboration tool most organizations use. It is convenient, but storing files there long-term introduces some common challenges.

- **Cost.** Once the amount of free capacity included in your Microsoft 365 agreement is exceeded, expensive overage fees kick in. At an MSRP of USD $.20/GB/month ($2,457/TB/year) for extra capacity, IT budgets can be severely impacted.

- **Recovery points and recovery times.** Long-term data protection is subject to SharePoint Recycle Bin retention and recovery point limits, while large-scale file recoveries may require time-consuming calls to Microsoft Support.

- **Ransomware.** SharePoint has no real-time detection of known and zero-day ransomware threats, mitigation policies to limit the spread of an attack, or targeted 1-click recovery of only the infected files.

- **Security and compliance.** SharePoint lacks the fine-grained permissions and access controls that IT administrators can control with file systems.

- **Large files.** Synchronizing and uploading large files can result in timeouts or slow response times.

- **Mapped drive workflows.** SharePoint does not support the mapped drive (e.g., S:) and network file share (UNC) paths that are often required by existing workflows.

As a Microsoft Gold Partner, Nasuni delivers a solution that addresses these challenges by moving select files and folders from SharePoint to the Nasuni File Data Platform. The newly migrated file shares mirror the original SharePoint folder structure so that files can be easily found.

Benefits

With inactive SharePoint file data moving regularly into Nasuni, your organization will now enjoy the advantages of using the Nasuni File Data Platform for longer-term file storage:

- **Cost savings.** Nasuni stores files in low-cost Azure Blob or other object storage, eliminating SharePoint overage fees and reducing costs by up to 72%.

- **Access.** SharePoint users can easily access data through the same folder structure.

- **Fast recoveries to any point in time.** Nasuni stores immutable versions of all file changes without limits on versions or retention. Recover any amount of file data in minutes.

- **Ransomware detection and recovery.** Nasuni detects known and zero-day ransomware threats, provides policies to mitigate attacks, and can restore files to the point just before an attack, making recovery fast and easy.

- **Granular file security.** Nasuni honors and supports file system permissions and access control lists for long-term file data security and compliance.

- **Large file support.** Nasuni excels at large file sharing, supporting scalable NAS protocols, including SMB (CIFS), NFS and S3.

- **Mapped drive workflows.** Nasuni supports mapped drive (e.g., S:) and network file share (UNC) paths that are often built-in to existing applications, scripts, and workflows.

- **Multi-region resiliency.** Nasuni supports the more advanced Azure Blob data resiliency options, including Zone-Redundant Storage (ZRS) and Geo-Redundant Storage (GRS).

- **Reporting.** Robust activity monitoring and usage dashboards.

The Nasuni File Data Platform

Sometimes referred to as the "enterprise version of Azure Files" because of its greater scalability and more advanced capabilities, the Nasuni File Data Platform is a hybrid cloud storage replacement for Windows file servers and NAS storage, providing limitless SMB and NFS file shares and access for applications and workflows that rely on unstructured file data. Nasuni stores all file data in easily expandable, low-cost Microsoft Azure Blob, AWS, or other object storage. Nasuni Edge VMs intelligently cache copies of active data from object storage to provide high-performance access in any on-premises location or cloud region. This hybrid cloud architecture offers infinite capacity on-demand, built-in backup and recovery, and fast edge performance at a fraction of the cost of legacy on-premises file infrastructures or other cloud solutions.

SharePoint and Nasuni integration

Nasuni has certified popular third-party SharePoint data migration tools that companies are already using to synchronize files between SharePoint folders and Nasuni folders. Nasuni Professional Services can help you apply the right combination of permission mapping, content access, synchronization, and automation policies to effectively and consistently maintain your SharePoint-Nasuni environment.

Closing

Using Nasuni with Azure Blob object storage alongside SharePoint gives you the best of both worlds: IT can manage file data with greater control and security at a much lower cost, while users can continue to realize all the familiar benefits of SharePoint.

Nasuni + Azure Blob cost for 100TB of file data	SharePoint cost for 100TB of file data
Using the Nasuni File Data Platform with Azure Blob LRS Cold, Nasuni Edge VM, and the SharePoint data synchronization tool can save you as much as **72%** over SharePoint overage costs	SharePoint (assuming 100TB is over the free capacity included with your Microsoft 365 agreement and the SharePoint overage capacity cost is the standard MSRP $.20/GB/month): $245,760/year