

Nasuni for higher education and research institutions

Solving Google Drive challenges and limitations with Nasuni for Google Cloud



Overview

The Google Workspace for Education program has proven to be instrumental for higher education and research institutions, providing them with Google Workspace at no cost. Faculty, students, and researchers have benefited from Gmail, Calendar, Google Meet, and Google Drive as part of Google's productivity and collaboration suite.

One of the core collaboration tools, Google Drive, historically provided unlimited storage that universities used for faculty departmental file shares, research data, and individual file storage for faculty and students. **In November 2022, Google announced a change to its no-charge offering by limiting Google Drive storage to 100TB of pooled storage for each institution.** Student, faculty, and research data stored in Google Drive that exceeds the pooled 100TB limit will now incur extra charges that can be significant.

It gets even better!

Google Cloud provides egress waivers for educational institutions that are members of [Internet2](#) or [GÉANT NREs](#).

While Nasuni on Google Cloud is extremely cost-effective, the Google Cloud egress waiver makes Nasuni for Google Cloud cost even less.

For details, visit: <https://cloud.google.com/billing/docs/how-to/egress-waiver>

Google Drive cap challenges

With this cap in place, institutions have three options. One, they can choose to pay overage charges associated with exceeding their storage limit. This approach is not ideal due to the potentially long retention times related to research, staff, faculty, student, and alumni data and the long-term Google Drive costs this would incur. Two, they can work to stay under the 100TB limit by notifying users their data will be deleted. This approach, while cost-effective, may hurt an institution's reputation with students and impact how alumni and donors interact with the institution over the long term.

A third option

Higher education and research institutions now have a third option, Nasuni for Google Cloud. The Nasuni File Data Platform provides an alternative to costly overages. By enabling institutions to migrate their Google Drive data to [Nasuni using Google Cloud object storage](#), higher education institutions can stop paying Google Drive overage charges while at the same time take advantage of extremely cost-effective cloud-native file storage built on Google Cloud's infinitely scalable and highly-durable object storage.

Shifting your Google Cloud Drive data to Nasuni for Google Cloud provides your institution with a cost-effective, limitless way to store, protect, and share data across all university stakeholders now and in the future.

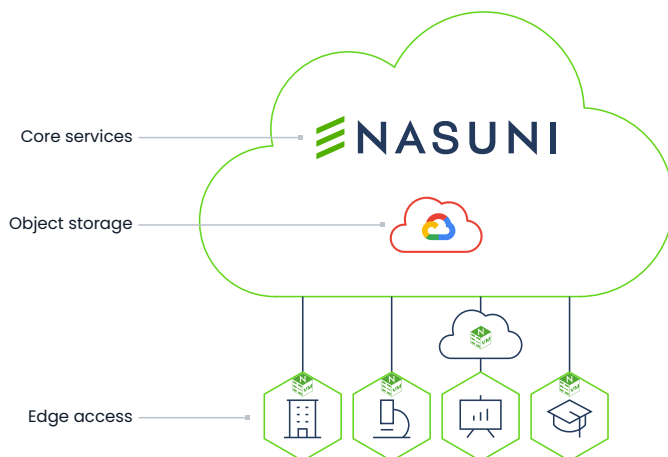
The solution

The Nasuni File Data Platform enables firms to consolidate all their file data in easily-expandable, highly-durable object storage such as Amazon S3, Microsoft Azure Blob Storage, and Google Cloud Storage at a fraction of the cost of on-premises or other cloud solutions.

It provides a cloud-native replacement for traditional network-attached storage (NAS) and file server infrastructure, but with advanced capabilities including file storage, backup, ransomware protection, and file access for workers at remote locations. M&A events and risks are dramatically simplified by allowing the acquired company to "join" the Nasuni file platform, begin sharing files across organizations, and be immediately protected against ransomware.

The Nasuni approach to file data services creates a scalable, innovative platform for firms in architecture, engineering, and construction that want to accelerate their digital transformation, secure their file data, respond to business growth, and achieve greater data insights compared to other solutions on the market.

Nasuni for Google Cloud



File data services designed for Google Cloud



Unlimited file storage

Nasuni uses the native scalability of cloud object storage to provide durable, protected capacity to any number of manufacturing locations and users.



External secure access

Nasuni Access Anywhere delivers high-performance file access for remote and hybrid users and productivity tools that let them manage and share files from anywhere.



Ransomware detection and protection

The Nasuni Ransomware Protection service provides a highly-effective and integrated solution for protecting, detecting, and recovering from ransomware at the edge before it infects an entire environment.



Multi-site collaboration

The Multi-Site Collaboration service provides faster data propagation and reduced version conflict and productivity loss across multiple locations for any size files.



Unlimited backup and rapid restore

Nasuni Continuous File Versioning™ makes file backups frequent and automatic with predictable RPOs and RTOs. Millions of files can be restored in minutes to every location.



Mac, Windows, and Linux Support

Nasuni supports file access through standard SMB (CIFS), NFS, FTP/SFTP, and HTTPS file-sharing protocols. Nasuni supports Windows, Linux, and advanced support for extended macOS file attributes and metadata, enabling easy file sharing across all environments.



File synchronization

File synchronization provides automated, no-maintenance synchronization of millions of file changes per hour. The result is increased productivity for the whole organization without an expensive infrastructure investment.



Near-zero cloud latency

Nasuni Edges are extremely efficient virtual appliances that provide up to a 98 percent cache hit rate, giving users and applications LAN-speed access to files. Nasuni Edges reduce the file storage infrastructure footprint by up to 90 percent, lowering costs and eliminating time spent managing local file servers.



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Nasuni is a scalable data platform for enterprises facing an explosion of unstructured data in an AI world, eliminating the choice between expensive tinkering or an overwhelming transformation of your entire data infrastructure.

The Nasuni File Data Platform delivers effortless scale in hybrid cloud environments, enables control at the network edge, and meets the modern enterprise expectation for protected, insight- and AI-ready data. It simplifies file data management while increasing access and performance.

Consolidate data, cut costs, and empower users – all while transforming your data from obstacle into opportunity.