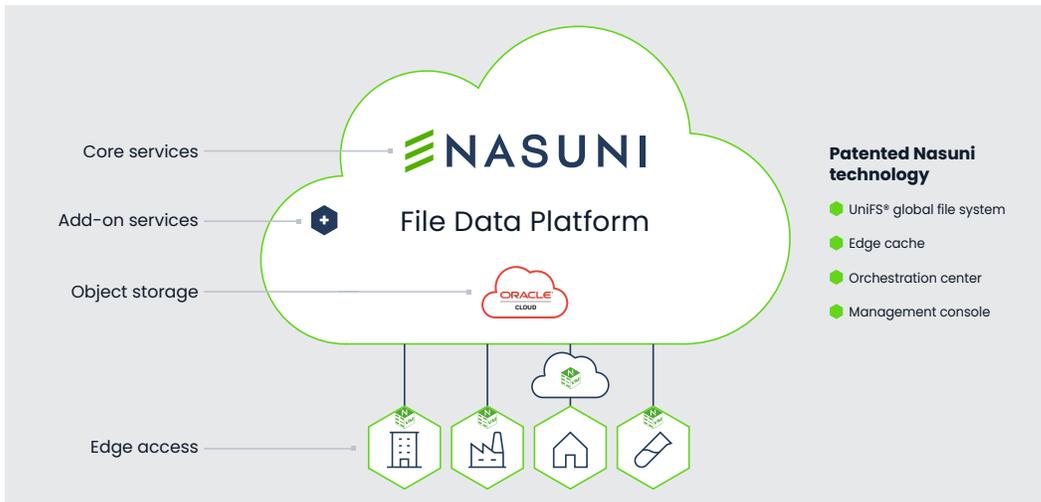


Nasuni File Data Platform for OCI

The only file architecture built for hybrid cloud storage



Overview

Nasuni is a hybrid cloud storage solution designed specifically for scalability, security, and performance. The Nasuni File Data Platform is a cloud-native replacement for traditional network attached storage (NAS) and file server infrastructure, but with many more advanced capabilities.

Nasuni integrates with Oracle Cloud Infrastructure (OCI) through Oracle's Amazon S3 Compatibility API. This enables enterprises to leverage Nasuni's global file system on OCI's highly scalable object storage and compute services. Nasuni's Management Console and Edge Cache VMx run on OCI compute services using Nasuni's generic KVM appliance. Oracle Government Cloud Storage is also supported.

One unified global file system

Every Nasuni customer enjoys the same core set of integrated file data services that replace alternative multiple, stand-alone products and technologies.

File storage without limits

Nasuni unshackles your infrastructure from volume and file limitations. Gain the flexibility to align your file storage to the business and easily adjust as needed. Files are easily accessed and shared via industry-standard SMB and NFS protocols from Windows, Linux, and macOS clients.

Unique benefits of Nasuni

Because Nasuni was natively built for the cloud, customers benefit from all that it offers, including:

Cost avoidance:

Accelerate cloud-first initiatives to lower infrastructure costs

Dramatic risk reduction:

Immediately minimize the business impact of cybersecurity threats with built-in security

Data governance:

OCI's compliance posture combined with Nasuni's ransomware recovery capabilities meet stringent data governance requirements for regulated industries

User productivity:

Make files of any size accessible to on-premises, hybrid, and remote teams securely and with local performance

Operational efficiency:

Single administrative experience simplifies management and reduces burdens on IT resources

Built-in security

Nasuni Continuous File Versioning® takes snapshots as often as every minute and stores them as immutable versions without any retention limits. Nasuni supports petabytes of file data and millions of files can be restored in minutes. Built-in disaster recovery takes only 15 minutes to recover access to impacted file shares. Ransomware detection and mitigation at the edge stops cyber attacks quickly and enables fast recovery.

Nasuni encrypts all file data to ensure that the data is secure in transit to and at rest in cloud object storage. Customers create and hold the encryption keys, so neither Nasuni nor the cloud provider can decrypt or view the file data. Nasuni also uses an independent cloud-based control path service that separates command-and-control functions from the data path, ensuring that no customer data is ever shared with Nasuni or cloud providers.

Multi-cloud

Nasuni is certified for use with many leading public cloud object storage platforms such as OCI using Oracle's Amazon S3 Compatibility API, as well as private cloud object storage solutions including Dell EMC ECS, Pure Storage FlashBlade, and NetApp StorageGRID. This gives customers the flexibility to store their data in whichever cloud best fits their business needs.

File synchronization

Improve your workforce productivity by synchronizing files to a single global file system. Nasuni Global File Synchronization propagates new and changed file data to other locations, so geographically distributed users are constantly working on the latest version of every file.

Edge performance and high availability

Lightweight Nasuni Edge virtual machines can be deployed on-premises or in the cloud to intelligently cache frequently accessed data for high-performance access. Nasuni Edges support VMware ESX, Microsoft Hyper-V, Nutanix AHV, and KVM for on-premises environments, and run on OCI Compute using Nasuni's generic KVM appliance.

Nasuni continually applies data and meta-data analysis to predict the file data most likely to be accessed and evict data that is less likely to be accessed, maximizing Nasuni Edge cache utilization.

App integration

Nasuni integrates with leading design apps such as AutoCAD, Adobe Creative Cloud, and Revit, and work-flow management tools including Siemens Teamcenter PLM, and Azure Power Automate to optimize worker productivity and multi-site file synchronization. Integrations ensure that administrators can support and manage crucial business applications.

Extensive protocol support

Nasuni supports access to files through standard SMB (CIFS), NFS, S3, FTP/SFTP, and HTTPS file-sharing protocols for Microsoft Windows, Linux, and macOS, with an option for NTFS permissions-based multiprotocol access that enables collaboration across SMB and NFSv4. In addition, Nasuni also offers advanced support for extended macOS file attributes and metadata, allowing for easy file sharing across diverse environments.



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Nasuni is a scalable data platform for modern enterprises in an AI world. The Nasuni File Data Platform provides effortless scale with hybrid cloud storage that delivers secure data access at the edge and supports modern enterprise expectations for delivering AI-driven insights.