Nasuni Data Service overview

Overview

Nasuni Data Service (NDS) provides cloud-native programmatic access to Nasuni data. NDS offers a read-only application programming interface (API) that matches Azure Blob or AWS S3 APIs, enabling customers to use data intelligence and AI services directly in the cloud without relying on an Edge appliance.

Use cases

NDS serves many use cases including the ability to provide applications and AI services with direct access to their data in the cloud.

- **RAG.** NDS provides a connection to Nasuni for customers wishing to use Retrieval-Augmented Generation (RAG) to retrieve relevant file data from Nasuni volumes and generate more accurate responses to their AI prompts.
- **Compliance.** Customers who need to identify files that contain sensitive information within their Nasuni environment can use NDS as a direct connection to one or more volumes to search and retrieve files to support legal and internal compliance initiatives.
- **Custom workloads.** Integrate your applications and workflows using NDS to provide them with direct access to data stored in Nasuni.

Summary

NDS allows customers to connect native Azure, AWS, and third-party services to their Nasuni volumes, unlocking insights and deriving value from Nasuni data. Organizations can integrate business workflows seamlessly into Nasuni, eliminating data movement bottlenecks, and accelerating process times - empowering faster decisions and maximizing the value of enterprise data.

Requirements

NDS is currently compatible with the following object store interfaces:

- Microsoft Azure Blob Storage
- Amazon S3 Object Lambda

NDS runs within your cloud tenant.

You may deploy multiple NDS instances if they have geographically dispersed volumes.

Example technologies that can be used with NDS:

- Azure AI Foundry
- Amazon Bedrock
- Amazon Knowledge Bases
- Amazon Kendra
- BigID with AWS S3 or Azure
- Azure AI Search
- Azure Python SDK
- Azure Storage Explorer
- AZCopy

NASUNI

sales@nasuni.com
+1.857.444.8500

nasuni.com

Nasuni provides a leading next-generation, software-defined NAS and unstructured data management (UDM) platform that unifies the storage, protection, and management of enterprise unstructured data across any major cloud. Powered by its patented UniFS® global file system, this unique architecture fuses cloud object storage with enterprise file services to enable unlimited scale, ransomware resilience, global collaboration, and AI-readiness.

Trusted by global enterprises in more than 70 countries, Nasuni maintains a 98% customer satisfaction rating. The company has received countless recognitions for its commitment to industry leadership, strategic cost optimization, customer success, and innovation.