

Azure NetApp Files

Fully managed file storage service from Azure



THE PROBLEM

Companies across all industries are turning to the cloud to run enterprise applications and AI workloads, but migrating workloads is challenging when data is anchored in legacy systems.

Refactoring or rearchitecting your applications to run in the cloud can be expensive and time consuming, and applications typically follow the data, not the other way around. Adding to the complexity, regulatory requirements can restrict where data can be stored or moved. This data gravity hampers cloud adoption, increases costs, and degrades performance.

THE SOLUTION

Azure NetApp Files is a fully managed file storage service from Microsoft Azure that is cost effective, highly available, and high performance. It provides volumes as a service, for which you can create capacity pools and volumes.

Select your desired service and performance levels to effectively manage data protection. Create and manage high-performance, highly available, and scalable file shares by using the familiar protocols and tools that you rely on in your on-premises environment.






Top cloud challenges



Source: Flexera State of the Cloud Report

Five ways that Azure NetApp Files accelerates the move to Azure

Azure NetApp Files is the only enterprise file service that is native to Azure.

-  **1** **Reduce cloud storage costs**
Get cost savings with automated data tiering, space-efficient snapshots, flexible service levels with performance-based pricing, and commitment discounts. These features work together to optimize the effective cost per GiB/month while allowing unmatched flexibility based on workload demands.
-  **2** **Enable enterprise-grade data protection**
Ensure data availability, redundancy, and resilience for critical data and workloads with built-in snapshots and cross-region and cross-zone replication. Meet regulatory requirements with robust built-in security and compliance features, such as encryption, access controls, and audit trails.
-  **3** **Streamline collaboration with dual-protocol access**
Make your data available to a broad set of workloads with the widest choice of file protocols in a single platform in the public cloud. Simultaneous support for both NFS and SMB enables seamless access across Windows and Linux environments.
-  **4** **Optimize performance for every workload**
Choose from multiple performance tiers and dynamically adjust throughput levels to match price and performance to your requirements. The Ultra performance tier delivers ultra-low latency and high throughput to power-demanding enterprise and AI workloads. Using the Flexible service level, you can independently scale storage capacity and throughput to optimize costs.
-  **5** **Simplify management with a unified control plane**
Azure NetApp Files is accessible through the Azure Portal, CLI, PowerShell, and REST API, and is supported by Microsoft. It's billed like any other Azure resource, appearing as a distinct line item on your bill and aligning with your Enterprise Agreement commitments, if applicable. Simplify hybrid cloud deployments with a unified SaaS control plane that streamlines on-premises and Azure storage management and services.

CUSTOMER SUCCESS STORY

“I’m excited to continue supporting business growth as L’Oréal gains market share, and through the scale and innovation we gain with Azure, we can help enable that success.”

Susannah Greenberg

Chief Information Officer
L’Oréal



[Read the case study](#)

Power and flexibility for every workload



Database Oracle and SQL

Lift and shift Oracle and SQL Server databases without code changes or rearchitecting storage. Enable consistently high performance and low latency for high-transaction database workloads, with enterprise-class availability and integrated data protection to meet strict SLAs. Built-in NetApp storage efficiency technologies reduce the need for overprovisioned compute and storage infrastructure, cutting infrastructure costs by up to 60%.



VMware

Azure NetApp Files integrates seamlessly with Azure VMware Solution (AVS) to support demanding VMware workloads. By offloading storage from AVS hosts, you can scale capacity independently from compute to reduce TCO by up to 30%. Built-in snapshots and replication provide enterprise-grade data protection and rapid recovery for mission-critical VMs.



AI/ML and HPC

Azure NetApp Files delivers the ultra-low latency and massive throughput required for data-hungry AI and high-performance computing workloads at scale. Enable parallel access to large datasets without bottlenecks to accelerate model training, simulation, and analytics. Data sitting in Azure NetApp Files is also accessible for your AI workflows through our M365 Copilot connector.



SAP

Certified for use with SAP HANA, Azure NetApp Files provides the high performance, low latency, and high availability required for SAP HANA and other SAP applications in Azure. Reduce SAP backup times by 99% and simplify storage and infrastructure by centralizing unstructured data for shared files, HANA, and AnyDB.

Additional resources

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About NetApp

NetApp is the intelligent data infrastructure company, combining unified data storage, integrated data services, and CloudOps solutions to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, harnessing observability and AI to enable the industry's best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility. In addition, our data services create a data advantage through superior cyber resilience, governance, and application agility. Our CloudOps solutions provide continuous optimization of performance and efficiency through observability and AI. No matter the data type, workload, or environment, with NetApp you can transform your data infrastructure to realize your business possibilities. www.netapp.com

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