

SECURE, COMPLIANT CLOUD STORAGE FOR GOVERNMENT MISSIONS

Enterprise-grade performance and compliance in Azure Government



OF PUBLIC SECTOR CLOUD DECISION-MAKERS SAY
**MIGRATING EXISTING
WORKLOADS TO THE CLOUD
IS THE TOP PRIORITY**

Source: [RBC Capital Markets](#)

THE PROBLEM

Federal agencies are under pressure to modernize aging infrastructure, comply with tightening security mandates, and exit physical data centers—often against immovable deadlines. However, legacy systems and fragmented on-premises environments lack the agility, scalability, and encryption capabilities required to meet today's mission objectives. Cloud hesitancy remains, driven by concerns over data sovereignty, audit readiness, and compliance gaps.

The result: delayed migrations, escalating costs, and operational risk.

THE SOLUTION

Azure NetApp Files in Azure Government provides secure, high-performance file storage built to meet the most demanding federal standards. With support for DoD IL5 and FedRAMP High Baseline, double encryption, and customer-managed keys—including hardware security module (HSM) support—Azure NetApp Files enables agencies to confidently run sensitive workloads in the cloud. Integrated with core Azure services like Azure VMware Solution (AVS), Azure Virtual Desktop (AVD), SQL Server, and Oracle, it empowers agencies to modernize mission-critical applications without compromising control, compliance, or performance. Whether supporting virtual desktop infrastructure for remote teams, migrating legacy workloads, or retiring data centers, Azure NetApp Files delivers the speed, security, and simplicity that federal teams demand.



**OF PUBLIC AGENCIES
CITE IMPROVED SECURITY**

as the primary driver for adopting cloud solutions.¹

Built for federal missions:

Performance, encryption, and compliance in one unified service.

Why government agencies choose Azure NetApp Files

Azure NetApp Files delivers the performance, flexibility, and security that agencies need to accelerate modernization, protect critical data, and streamline operations—all while staying compliant with stringent federal mandates.

MISSION-DRIVEN PERFORMANCE AND FLEXIBILITY

- 1 Performance at scale**
Up to 826K IOPS, sub-2ms latency, and multi-TiB volumes
- 2 Seamless modernization**
Native support for AVS, AVD, SQL Server, and Oracle
- 3 Operational agility**
Elastic scaling and zero-downtime snapshots
- 4 Cost optimization**
Tiering and storage efficiencies lower cloud spending
- 5 Global reach**
Available across Azure Government regions
- 6 Streamlined procurement**
First-party Azure service—no extra contracts

SECURITY AND COMPLIANCE YOU CAN TRUST

- 1 FedRAMP high authorization**
For critical federal workloads
- 2 DoD IL5 compliance**
Supports mission-sensitive operations
- 3 Customer-managed keys**
With optional HSM integration
- 4 End-to-end encryption**
Protects data in transit and at rest
- 5 U.S. sovereign data residency**
Meets jurisdictional needs
- 6 Audit readiness**
Supports FISMA, CJIS, IRS 1075 mandates

Azure NetApp Files helps agencies move fast, stay secure, and confidently scale in the cloud.

Azure NetApp Files recovers and modernizes core government functions



Large file shares and archives

- Delivers scalable NAS for file-heavy workloads and agencywide repositories
- Supports secure retention and access to decades of compliance records
- Enables efficient tiering and storage optimization for long-term cost control



Azure VMware Solution (AVS)

- Provides native storage integration for rehosting VMware without refactoring
- Maintains high availability and performance in Azure Government regions
- Accelerates data center exit and disaster recovery initiatives



Azure Virtual Desktop (AVD)

- Powers virtual desktop infrastructure with sub-2ms latency and elastic scaling
- Maintains fast, consistent performance for remote users and contractors
- Simplifies remote workforce deployment across secure government networks



Databases (SQL Server/Oracle)

- Supports mission-critical apps with tiered, high-throughput storage
- Reduces operational risk with built-in snapshots and replication
- Enables hybrid or full-cloud deployment of legacy database platforms

IL5 compliance unlocks cloud for sensitive federal workloads

With Azure NetApp Files achieving DoD IL5 compliance in Azure Government, federal agencies now have a compliant, high-performance file service purpose-built for mission-critical systems. This opens the door for secure modernization of sensitive workloads like intelligence analytics, logistics, and command operations without the overhead of VPN tunnels or legacy networking. Agencies can leverage integrated customer-managed keys (CMKs), optional HSM, and double encryption for stringent data protection, accelerating cloud adoption while staying audit-ready.



[Learn more >](#)

Additional resources

[NetApp FedRAMP overview >](#)

[Introduction to Azure NetApp Files >](#)

[Using Azure NetApp Files with AVD >](#)

[Attaching Azure NetApp Files to AVS >](#)

¹ Dan Lohrmann, *Where Is Government When It Comes to Cloud in 2025?*, Government Technology, April 6, 2025.
² Lohrmann, *Where Is Government When It Comes to Cloud in 2025?*



[Contact Us](#)

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.