NetApp | **aws**

BUILDING CYBER RESILIENCE WITH NETAPP AND AWS

THE PROBLEM

Cyberthreats are more than a nuisance—they're a risk to your business operations and reputation. While many organizations have migrated workloads to AWS for its scalability and agility, this shift also introduces new security challenges.

Cyber resilience is about building an intelligent data infrastructure that can protect against threats, detect anomalies in real time, and recover rapidly.

THE SOLUTION

NetApp extends its decades of data management leadership to the cloud, offering a unified platform to protect, manage, and optimize your data on AWS. Our approach is built on the concept of intelligent data-infrastructure, which delivers built-in cyber resilience that combines ransomware protection, backup, disaster recovery, and data governance into a single, secure foundation.

5 ways NetApp and AWS support you

1 Unified data management
Manage and protect data consistently across your on-prem and AWS environments.

2 Autonomous ransomware protection
Detect ransomware with 99% precision using proactive, machine-learning-based monitoring.

3 Guaranteed rapid recovery
Restore data instantly from immutable, unalterable snapshots.

4 Zero-disruption operations
Implement robust security without impacting performance of your business-critical apps running on AWS.

5 Secure-by-design architecture
Defend against ransomware, insider threats, and data corruption with always-on protection.

Where NetApp adds value

Ransomware protection and recovery
- Proactive monitoring using AI
- Immutable NetApp® SnapLock® copies
- Real-time anomaly detection
- Instantly revert to a clean snapshot
- Ransomware Recovery Guarantee

Business continuity and disaster recovery
- Replicate data to Amazon FSx for NetApp ONTAP
- Instantly failover your apps to AWS
- Easily test your DR plan without disruption

Secure data for DevOps and analytics on AWS
- Deliver secure data access for data scientists
- Speed up development and testing cycles
- Establish secure data pipelines and analytics

Only NetApp offers

Secure by design, proven in action
Security isn't an afterthought—it's embedded in our data infrastructure. Our technology is trusted by thousands of enterprises worldwide to protect their most critical data.

The most secure storage—guaranteed
We are so confident in our technology that we offer the NetApp Ransomware Recovery Guarantee. If we can't recover protected snapshot data after an attack, we'll provide compensation. This is our promise of accountability.

Deep AWS integration
As an AWS Advanced Technology Partner with multiple competencies, NetApp solutions are tightly integrated with AWS services. This enables seamless deployment, simplified management, and optimized performance.

Reduce risk and complexity
By unifying data protection, security, and recovery into one platform, NetApp helps you eliminate tool sprawl, close security gaps, and reduce the total cost of ownership for your data infrastructure.

Checklist

As you evaluate solutions, use this checklist to help build a truly resilient infrastructure.

Protection:
Does the solution offer immutable, unalterable backups to protect against tampering or deletion?

Does the solution use behavioral analysis and machine learning to proactively detect threats?

Is protection built in, or is it a "bolt-on" feature that adds complexity?

Detection:
Can the solution provide real-time visibility into data activity across both on-premises and AWS environments?

Does the solution integrate with your existing security operations (SecOps) workflows and tools?

Are alerts actionable and focused, or do they create noise?

Recovery:
Can you test your recovery plan easily and without disrupting production?

How quickly can you recover? Can you restore large volumes of data in minutes, not hours or days?

Does the vendor offer a recovery guarantee?

Operations:
Can you manage your on-premises and AWS data from a single, unified interface?

Does the solution impact the performance of your production applications?

Does the solution help you meet compliance and governance requirements (like GDPR, HIPAA) for data in the cloud?

Additional resources

Talk to an expert ›   **See it in action ›**   **Learn more ›**

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