NetApp

PROTECT YOUR ORGANIZATION FROM RANSOMWARE

WITH THE MOST SECURE BLOCK STORAGE ON THE PLANET

Protect your data, reduce risks, and maintain regulatory compliance with an intelligent data infrastructure built on NetApp.

The need for storage-layer security

Today's cyberthreats are relentless. Cyberattacks are becoming increasingly automated, targeting organizations' critical data infrastructure and causing massive damage in a short amount of time.

149%
In 2025 alone, ransomware attacks surged by 149%.

44%
A staggering 44% of data breaches are caused by ransomware.

86%
86% of ransomware attacks result in total business disruption.

WHY NETAPP?

- **Built-in security.** NetApp® ransomware protection for block workloads is built in—not bolted on. This protection minimizes the chance of successful attacks and avoids tool sprawl by implementing security measures directly where the data resides.

- **Real-time detection and response.** NetApp's AI-powered detection algorithms continuously monitor data patterns, swiftly identifying potential ransomware threats on primary block storage.

- **Rapid recovery.** In the event of a ransomware attack, NetApp enables rapid restoration of data in minutes, not days.

- **Comprehensive protection.** NetApp's defense capabilities integrate seamlessly with your existing security infrastructure, complimenting perimeter, network, and endpoint security measures.

- **Operational continuity.** By focusing on data security at the storage layer, NetApp empowers organizations to quickly detect, respond to, and recover from ransomware attacks.

Many organizations make the mistake of believing that their defenses are complete with a perimeter defense, network protection, identity security, and application safeguards coupled with a backup best practice at the storage layer. But those defenses are not entirely sufficient for modern cyber resilience. By overlooking storage-layer protections, especially for your block data, you're leaving your organization open to threats like ransomware that bypass endpoint and perimeter security to directly target your data.

Built-in security where your data lives
NetApp takes a data-centric approach to cybersecurity by helping you achieve a comprehensive, multilayered defense strategy that's built with block storage in mind. This approach offers holistic protection, safeguarding your most valuable business assets where they reside and maintaining operational continuity in the face of evolving cyberthreats.

Our solutions are secure by design to minimize the chance of a successful attack against your organization. Immutable, indelible NetApp Snapshot™ copies make sure

that your data is unalterable and cannot be deleted, even by administrators. Multiadmin verification and multifactor authentication add extra layers of security by limiting access to sensitive data and systems.

Real-time detection and response
Adding to our robust data protection, NetApp provides AI-powered real-time ransomware detection and response, leveraging AI-powered autonomous technology built directly into NetApp ONTAP® software. This advanced detection continuously monitors for anomalies at the volume level, swiftly detecting ransomware attacks. When a threat is detected, the system automatically makes a Snapshot copy of the data.

NetApp Data Infrastructure Insights offers an additional layer of defense against insider threats. It detects potential anomalous user behavior and takes immediate action such as blocking user access to storage systems and making Snapshot copies. It also provides detailed analytics for forensic analysis and auditing.

Put your technical defenses to work

With cybersecurity built in at the block storage layer, NetApp helps protect your organization from advanced cyberthreats, maintain data security controls, and improve infrastructure monitoring with real-time alerts—even during digital transformation and cloud adoption. Anomaly detection, secure data isolation, and rapid recovery help you make sure that you're restoring the right data to the right place with minimal disruption. This comprehensive approach means that all aspects of your IT infrastructure are secured, from the perimeter to the data layer, providing robust and resilient defense capabilities.

Think backups are enough? Think again.

By combining specialized vendor solutions with NetApp data-centric protection, you can defend against ransomware and advanced cyberthreats. Talk to a NetApp security specialist to evaluate your current SAN infrastructure and explore how NetApp's AI-driven, real-time detection and response capabilities, along with our Ransomware Recovery Guarantee, can protect your organization's most valuable asset—your data.

Contact Us

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