

NETAPP BLUEXP RANSOMWARE PROTECTION



The intelligence and assistance needed to minimize workload data loss and to bounce back quickly

Are you prepared for a ransomware attack?

Being prepared for and resilient against ransomware are both a requirement today, not an option. Attacks are becoming more sophisticated, more automated, and more costly. Prevention of zero-day vulnerabilities and credential theft is unrealistic, so you need to be ready when attackers do get in.

Being prepared means securing your workload data at the storage layer—the last line of defense. But backup alone isn't enough. You also need an awareness of the risks to your critical workload data, rapid threat detection and response, and recovery plans that can be executed quickly and easily when the pressure is on. But the operational burden to achieve these things is heavy, with too many error-prone manual tasks and too few available staff.

Without addressing these requirements, attacks on your workloads go undetected; your response is delayed; and workload recovery is complex, taking an average of 7 days,¹ with not all your data recovered. That's too little, too late.

Get comprehensive protection at the last line of defense

With NetApp® BlueXP™ ransomware protection, NetApp is the only storage vendor providing a single control plane to intelligently coordinate and execute a comprehensive workload centric ransomware defense. With a few clicks, you can identify and protect your critical workload data that's at risk. You can accurately and automatically detect and respond to potential attacks to limit their impact. And you can recover workloads within minutes, safeguarding your valuable workload data and minimizing the cost of disruption.

BlueXP ransomware protection merges the powerful features of NetApp ONTAP® software with BlueXP data services, adding intelligent recommendations and guidance with automated workflows to:

- **Identify**—Automatically identify workloads (VMs, file shares, popular databases) and their data in your NetApp storage, map data to the workload, and determine workload data sensitivity, importance, and risk.
- **Protect**—Recommend workload protection policies and apply them with one click.
- **Detect**—Detect potential attacks on workload data with AI-based file activity and user and entity behavior analysis (UEBA) that detects both file anomalies and malicious user behavior in real-time.
- **Respond**—Protect workloads with automatic Snapshot copies and by manually or automatically blocking users when a potential attack is suspected. Integrate with the most popular SIEM solutions.
- **Recover**—Rapidly restore workloads and their associated data through simplified orchestrated, application-consistent recovery.
- **Govern**—Implement your ransomware protection strategy and policies, and monitor outcomes.

Use assisted ransomware preparedness to save time and to improve effectiveness

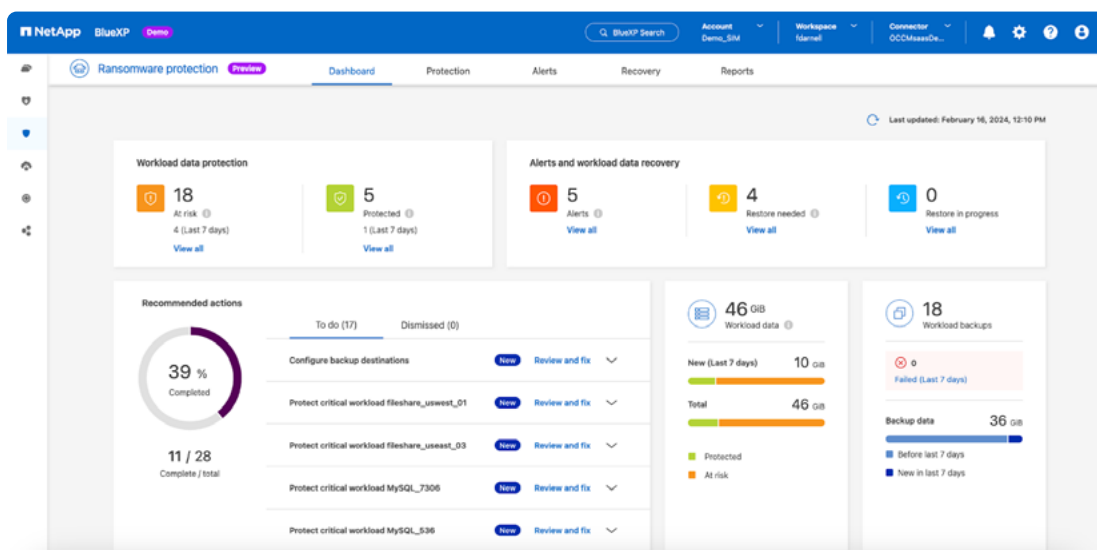
BlueXP ransomware protection automatically identifies the type of data that's in your NetApp storage, maps that data to the workload, determines workload data sensitivity, importance, and analyzes the workload risk. These features reduce your organization's need for complicated manual analysis, specialized skills, and multiple third-party tools.

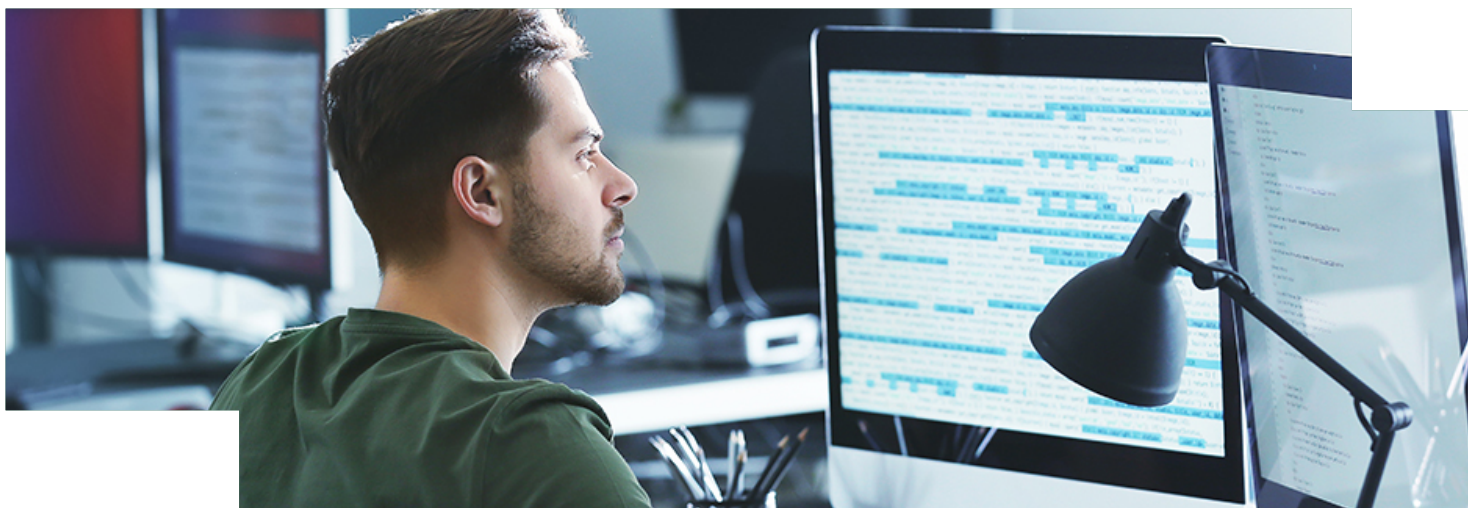
KEY BENEFITS

- Comprehensive protection at the last line of defense—goes beyond backup to cover all six areas of the National Institute of Standards and Technology (NIST) cybersecurity framework
- Workload-centric and application-consistent solution
- Prioritized, intelligent recommendations
- Automated and guided actions
- Early threat detection
- Fast recovery of entire workloads, with the option to restore granularly (by volume or file)

It proposes out-of-the-box intelligent protection policies that use industry-leading ONTAP features including tamperproof Snapshot copies, FPolicy malicious extension blocking, and Autonomous Ransomware Protection anomaly detection. And for optimal return on investment, BlueXP ransomware protection also aligns protection recommendations with data sensitivity and importance.

With just one click, protection policies are seamlessly and consistently applied to your workload data. BlueXP ransomware protection works in the background to configure ONTAP and BlueXP capabilities and to orchestrate protection workflows across each associated volume, reducing the need for repetitive manual tasks.





Deploy AI-based detection of file and user behavior anomalies to spot and respond to threats in real-time

BlueXP ransomware protection continuously monitors for suspicious file and user behavior anomalies and automatically stops further impact from an attack. When an attack is suspected, it creates Snapshot copies and enables blocking of users to minimize disruption.

This service is also innovative in its use of advanced AI-based ransomware detection on primary storage, so that potential attacks on production data can be found quickly and mitigated immediately.

Plus, it provides incident reports with data to support attack forensics and integrates with the most popular SIEM solutions to simplify and speed threat response.

Use guided application-consistent restoration to recover workloads easier and within minutes

BlueXP ransomware protection determines which Snapshot copy or backup offers the best recovery point actual (RPA) based on your recovery choice, with the ability to restore at the workload level or more granularly (volume or file).

It orchestrates the workflow for application-consistent recovery of all your associated workload data, and it gives you visibility into the real-time recovery status to expedite restoration and to promote success.

Minimize business disruption

BlueXP ransomware protection removes the burden and anxiety of defending your workloads from ransomware-related downtime and data loss. You get a comprehensive solution that increases your ransomware preparedness, responds to attacks, and guides you through recovery. Only NetApp gives you the peace of mind from knowing that when an attack does occur, you will be alerted immediately, your valuable workload data will be protected, and recovery will be easier and faster, minimizing your business disruption.

► Get BlueXP ransomware protection today.

¹ ESG, 2023 Ransomware Preparedness: Lighting the Way to Readiness and Mitigation, November 2023.



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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. Learn more at www.netapp.com or follow us on [Twitter](#), [LinkedIn](#), [Facebook](#), and [Instagram](#).

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