Detect, Respond, and Recover from Cybersecurity Threats with Sophos and Veeam

Business Challenge

As cyberattacks continuously are on the rise, the question is no longer "if" but "when" your organization will be impacted. It's more critical than ever that you maintain clean, reliable backups to protect your organization against these attacks — but did you know your backups will usually be targeted first in a ransomware attack? Based on interviews with over 1200 IT leaders who suffered a ransomware attack, threat actors were able to affect the backup repositories in 75% of attacks.

More than ever, it is critical for backup and recovery to be included in an organization's cyber resiliency strategy. To achieve cyber resilience, you must have a holistic strategy to protect all of your business-critical data — including your backups. You must get ahead of cyber criminals and implement a solution to monitor your environment for changes that could indicate a cyberattack. And finally, you must have a plan for recovery when data loss occurs.

Solution Overview

Together, Sophos and Veeam® vigilantly detect cybersecurity threats, determine the warranted response, and quickly recover impacted data so your backups stay safe and secure. Sophos and Veeam technologies integrate to exchange critical information when a security threat arises. The Veeam Data Platform monitors your environment to detect potential threats against your backups both internally and externally. Should a threat be identified, Veeam sends an alert to Sophos Managed Detection and Response (MDR) — a fully managed 24/7 service delivered by experts who detect, investigate, and respond to cyberattacks targeting your computers, servers, networks, cloud workloads, email accounts, and more. From there, the Sophos MDR team can respond and determine the best way to protect your backups from the threat: Sophos MDR can help roll back to the last known backup, or, in the case of attempted backup deletion, determine if an attack is occurring and take actions to disrupt, contain and fully-eliminate the attacker.

Sophos and Veeam provide an added layer of security to protect your business-critical data and ensure your backups remain clean and reliable, no matter where they are stored. With Sophos and Veeam, you get back your peace of mind knowing your data is always available and easily recoverable no matter what.

Benefits

- Stop ransomware and other advanced attacks with a 24/7 team of threat response experts

- Early detection of threats targeting backup data provides better defense against cyberattacks

- Sophos MDR experts perform threat hunts to identify attacker techniques that can bypass prevention tools

- Faster recovery times during and after a cyberattack minimizes downtime to ensure business continuity

- Scalable security solutions adapt to meet your organization's evolving data protection needs

- Immutable storage options provide an added layer of protection for backups

- Reduced risk of data loss due to malware, accidental deletion, internal security threats, and other data loss scenarios

Use Cases

Defend against ransomware:

advanced threat detection and prevention capabilities from Sophos with immutable backups and versioning provided by Veeam ensure your backup data remains secure and recoverable.

Identify internal security threats:

comprehensive monitoring of internal and external threats malware, detect unauthorized or suspicious activity that could compromise backup data.

Prevent accidental deletion:

backup versioning, audit trails, and immutable storage options safeguard backup data against unintentional actions.

Improve threat response time:

Sophos MDR analysts execute immediate response actions to stop confirmed threats with an industry-leading average response time of 38 minutes — 96% faster than the industry benchmark.

Maintain compliance:

robust data protection and security features can help you meet regulatory compliance requirements such as GDPR, HIPAA, and other industry-specific regulations.

Conclusion

Your organization's IT and Cybersecurity teams must collaborate to fortify their cyber resiliency strategy in case of a cyberattack. When these two teams come together to create an end-to-end approach, they'll successfully strengthen your organization's security posture and ability to quickly recovery in the case of an attack.

Sophos and Veeam simplify cyber resiliency by seamlessly exchanging critical information in real-time when a threat to your data emerges. Our powerful integrations allow us to detect a threat, determine a response, and ultimately recover data quickly to keep your business running no matter what. With Sophos and Veeam, you can always ensure the integrity and availability of your backups, regardless of where you choose to store them. Together, Sophos and Veeam can help you stay a step-ahead of cyber threats, and give you back your peace of mind.

About Sophos

Sophos defends more than 600,000 organizations worldwide against active adversaries, ransomware, and other breaches. Our broad portfolio of advanced, proven cybersecurity services and products enable organizations to lower cyber risk, increase efficiency, and lower the overall total cost of ownership (TCO) of cybersecurity. Delivered by over 500 experts, Sophos Managed Detection and Response (MDR) is a 24/7 human-led threat prevention, detection, and response service that defends organizations against even the most advanced attacks.

About Veeam Software

Veeam®, the #1 global provider of Data Protection and Ransomware Recovery, provides organizations with resiliency through data security, data recovery and data freedom for their hybrid cloud. The Veeam Data Platform delivers a single solution for Cloud, Virtual, Physical, SaaS and Kubernetes environments that give businesses peace of mind their apps and data are protected and always available so that they can keep their businesses running. Headquartered in Columbus, Ohio, with offices in more than 30 countries, Veeam protects over 450,000 customers worldwide, including 82% of the Fortune 500 and 72% of the Global 2,000. Veeam's global ecosystem includes 35,000+ technology partners, resellers, service providers, and alliance partners. Learn more at www.veeam.com or follow Veeam on LinkedIn @veeam-software and X @veeam.

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