4 Ways to Ensure Ransomware Resiliency

Stay one step ahead of ransomware threats with Veritas.

Now an imminent threat to all businesses and industries, ransomware and malware attacks are on the rise. Ransomware attacks have increased 185 percent year-to-date[1], with many reporting that costs are expected to surpass $20 billion this year.[2] Bad actors are motivated to innovate new and sophisticated ways to penetrate an organization's infrastructure and grind it to a halt. So, the clock is ticking and the best defense is to be prepared.

At Veritas, we recommend prioritizing backup and recovery as a reliable part of a comprehensive, multilayered resiliency framework—a part that supports the protect, detect and recover components of an organization's overall cybersecurity strategy. Our solutions help you fortify all critical and valuable data, detect potential ransomware threats and ensure orchestrated and automated recovery, so you are up and running quickly. Here are a few reasons to look to Veritas for your ransomware resiliency strategy.

Top 4 Reasons Veritas Ensures Ransomware Resilency

1. **Don't place your data at risk.** Veritas protects all your valuable information with unparalleled immutability that is cost-effective.

Veritas doesn't shoehorn a one-size-fits-all approach to immutability. We provide options and flexibility regardless of whether you need to connect with third-party hardware that has immutability capabilities or prefer to use our native immutable storage. We also extend immutable capabilities with support for AWS S3 Object Lock.

2. **Don't waste valuable time in the event of an attack.** Recover rapidly with orchestrated, one-click recovery, at any level and without restriction with Veritas.

Veritas can simply automate and orchestrate a complete cross-site or cloud restoration with the click of a button—efficiently and at scale. Not only will the data be accessible, but the applications will also be online with all the necessary dependencies. Veritas is also the only vendor that can send and store deduplicated data on AWS S3 Object Lock, and the only vendor that can spin up an entire data center on demand from this efficiently stored deduped data. With dependable, proven resiliency solutions that are built into the core of the technology, Veritas automates and orchestrates complete recovery at any level—from data to application to an entire data center—without restriction.

3. **Don't gamble with visibility.** Cutting-edge Veritas anomaly detection with continuous monitoring and infrastructure awareness provides a single, comprehensive view across all storage, backup and cloud vendors.

Veritas is the only vendor able to report on your production environment and backup vendors (including competitive solutions) and then cross-reference all these data points to ensure no system falls through the cracks. We refer to this exceptional level of visibility as a panoptic view and consider it essential for complete protection of your entire environment. Veritas solutions collectively empower organizations to illuminate anomalies in their primary data as

well as their data protection (backup) environment, across their entire infrastructure and within the files themselves. The ability to monitor and report on these vulnerabilities across a broad range of data sources is invaluable in effectively managing threat vectors. Also, our automatic virtual machine discovery and protection, additional backup monitoring and recovery readiness all help bring valuable peace of mind that you are resiliency ready.

4. **Don't leave your data vulnerable.** Veritas provides valuable peace of mind with data encryption, so you don't need to pay a ransom.

With more network security and industry certifications than any competitor, Veritas designs products that protect and maintain data integrity everywhere through data encryption in-flight and at-rest. Armed with Veritas products, a ransomware attack on your backup environment isn't capable of executing its secondary objective of data exfiltration, saving you both money and your organization's reputation.

It's Time to Take a Proactive, Unified Approach

Veritas provides the industry's most comprehensive, compliant and secure ransomware resiliency solution, offering you valuable peace of mind and confidence against an inevitable attack. Aligned with the National Institute of Standards and Technology (NIST) framework, Veritas products help you protect, detect and recover your data, wherever it resides–from the edge to the core to the cloud.
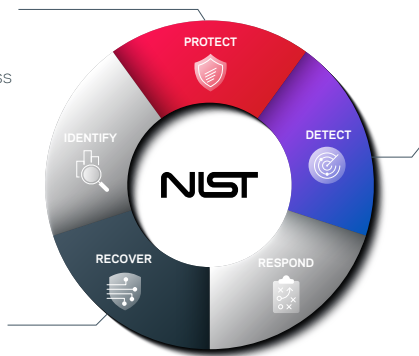
PROTECT

Safeguard your data integrity with system hardening and Immutable and Indelible Image Management and Storage, data encryption (both in-transit and at-rest) and Identity and Access Management (IAM), IAM including Role-Based Access Control (RBAC) and Multi-Factor Authentication (MFA).

DETECT

Utilizing machine learned AI, and predictive analytics to provide a holistic view of your environment, driving insights, backup detection capabilities, and abnormalities in the data. Unified, comprehensive view with continuous monitoring and reporting on system activity to mitigate threats and vulnerabilities.

RECOVER

Automating and orchestrating complete cross-system restoration in the largest and most demanding multi-cloud and data center environments. Providing flexible recovery methods, resiliency orchestration tools and Instant Rollback for VMware which facilitates bulk recovery in seconds.

Reduce risk, eliminate uncertainty and maintain control. Learn more at https://www.veritas.com/ransomware.

1. https://www.sonicwall.com/news/sonicwall-record-304-7-million-ransomware-attacks-eclipse-2020-global-total-in-just-6-months/
2. https://cybersecurityventures.com/global-ransomware-damage-costs-predicted-to-reach-250-billion-usd-by-2031/

About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers—including 87 percent of the Fortune Global 500—rely on us to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms. Learn more at www.veritas.com. Follow us on Twitter at @veritastechllc.

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