

Safeguard Your Data, Fight Ransomware with HPE and Cohesity



Key Benefits

- Enterprise-class data security with a defense-in-depth architecture
- Enhanced data protection with immutable backup snapshots
- Continuous multicloud data protection through data resiliency, and robust access controls based on zero-trust principles
- Proactive anomaly detection of potential attacks
- Improved cyber resiliency with HPE secure supply chain
- Confident and rapid recovery at scale

Ransomware attacks are increasingly sophisticated and costly. Analysts predict ransomware will attack a business every 2 seconds by the end of 2031.¹ In a survey conducted of more than 2000 IT and security respondents, 46% of respondents said that their organization relies primarily on backup and recovery infrastructure that was designed in, or before, 2010.² To support an organization’s cyber resilience requirements, IT teams must overcome significant limitations of legacy point products and siloed data infrastructure.

With HPE solutions with Cohesity, organizations get a modern approach to cyber resilience for hybrid and multi-cloud environments. The joint solution offers a 360-degree approach with Zero Trust security from silicon to cloud with a web-scale, cyber-resilient, secure data management platform spanning on-premises and cloud. These simple and secure solutions empower organizations to detect, protect, and recover rapidly from ransomware and cyber threats.

Combat Ransomware Threats

Backup infrastructure and data management software must work together to help organizations counter ransomware. Cohesity and HPE offer a multilayered data security architecture to protect, detect and recover from ransomware.

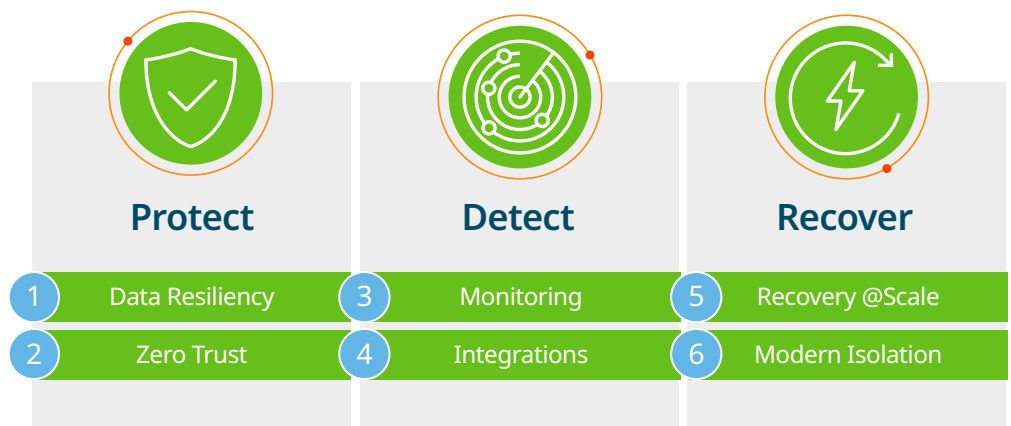


Figure: Going beyond Zero Trust with Cohesity and HPE

¹ Cybersecurity Ventures. “Global Ransomware Damage Costs Predicted To Exceed \$265 Billion By 2031,” June 3, 2021.

² [The State of Data Security and Management Report 2022, October 2022](#)

Secure for Stronger Protection

HPE solutions with Cohesity protect organizations with safeguards and controls such as, immutability, encryption, fault tolerance combined with Zero Trust principles of least-privilege access, policy-based network control and HPE's Silicon root-of-trust. Customers benefit from Cohesity's secure-by-design software and HPE's enterprise server and network security and disaster recovery for business-critical workloads. Security is further enhanced as Cohesity software is pre-installed at the factory onto certified HPE servers to protect physical server integrity and defend against cyber threats as part of HPE's secure supply chain.

Automated and Rapid Threat Detection

HPE solutions with Cohesity empower customers to detect attacks by automatically analyzing backup data to look for anomalous changes made in the production environment, and by providing visibility into affected objects and their sources. Organizations can proactively monitor data in core, cloud and edge environments with third-party applications that run on the Cohesity platform such as antivirus via NAS protocols, auditing and vulnerability scanning applications available in [Cohesity Marketplace](#).

Rapid Recovery for Business Resilience

HPE solutions with Cohesity take advantage of Cohesity near instant mass restore and file access capabilities to recover operations rapidly at scale should an attack take place. Cohesity SnapTree technology eliminates the rehydration process and Cohesity SpanFS promotes active data to flash, reducing recovery times by up to 10x—all while allowing workloads to perform at the speed of flash during the recovery process. In comparison to other instant restore products, Cohesity is significantly faster, simpler and operates at a massive scale.

Why Cohesity and HPE?

HPE solutions with Cohesity help build cyber resilient organizations. Customers have the choice to select the infrastructure deployment models that suit them best. It can be an as-a-service consumption model (e.g., HPE GreenLake), self-managed or on-premises. Similarly, there is flexibility in the Cohesity Data Cloud platform to logically span multcloud environments.

With HPE solutions with Cohesity, organizations automate safeguards against human errors, natural disasters, and cybercriminals. The solutions reduce compliance risks and better protect business reputations by reducing downtime and defending against cyberattacks while providing the ability to recover data fast and with confidence that it's free of ransomware.

Learn more at [Cohesity/HPE](#).

COHESITY

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