COHESITY | Lenovo.

Cyber resilience through modern data security and management

Key Benefits

- Simplified data management across hybrid and multiclouds

- High-performing backup and recovery with Lenovo ThinkSystem servers

- Pretested and certified solutions for seamless deployment and interoperability

- Robust data protection through security features built into the Cohesity platform and Lenovo servers

- Simple, preconfigured Cohesity SKUs on Lenovo DCSC (Data Center Solution Configurator)

- Global support from a world-class network of Lenovo and Cohesity professionals

As data values and volumes soar, businesses are rapidly embracing modern technologies and architectures for primary storage. But backup environments often lag behind. Clinging to legacy solutions can hinder organizations' ability to combat ransomware, respond effectively to threats, and meet stringent recovery demands. According to The State of Data Security and Management Report 2023, 90% of survey respondents indicated that the threat of ransomware attacks to their industry had increased in 2023, and 45% said their organization had been the victim of a ransomware attack in the prior six months.

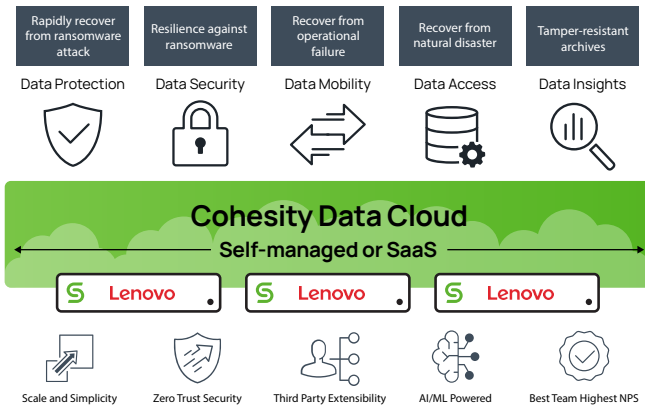Today's businesses face numerous challenges:

- Cybersecurity threats are escalating rapidly as hackers become more sophisticated, and the cost of remediation is skyrocketing.

- The ever-expanding volume of data and applications poses a significant security challenge. The complexity of managing siloed infrastructure across data centers, edge, and cloud compounds this challenge even further.

- Legacy data protection solutions lack the ability to recover data at scale, leading to lengthy downtime and missed business service level agreements (SLAs). The impact on business operations and customer satisfaction can be significant.

Cohesity and Lenovo: Better together

To address these challenges, Cohesity and Lenovo have partnered to provide modern data security and management solutions that help organizations enhance their cyber resilience. The bundling of Cohesity's AI-powered data security and management platform with Lenovo's highly reliable and performance-centric ThinkSystem servers helps organizations simplify, protect, and recover their data across on-premises, hybrid, and multicloud environments.

> " The certified solutions of Cohesity's software on Lenovo's best-of-breed ThinkSystem product lines bring the assurance of compatibility. It helps partners like me to focus on addressing customers' data security and management challenges from on-prem infrastructure to edge and to hybrid cloud, while delivering a streamlined purchasing, deployment, and support experience. "
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> – **Daren Bland,** Managing Director, Recarta IT

Modern backup and recovery for data resilience

The integration of Cohesity DataProtect with industry-leading Lenovo ThinkSystem servers delivers the most comprehensive backup and recovery solution to protect cloud-native, SaaS, and on-prem data at scale and simplify data sources across the enterprise and workloads. DataProtect converges multiple-point products into a single software that can be deployed on-prem or consumed as a service (BaaS).

Designed based on Zero Trust principles, the solution features near-zero recovery point objectives (RPOs) and near-instant recovery time objectives (RTOs) to meet business service-level agreements (SLAs).

Key differentiators:

- **High-performing infrastructure:** Lenovo ThinkSystem servers powered by Intel and AMD are designed to provide superior performance and reliability while handling a wide range of workloads and maximizing the security and flexibility for future growth.

- **Single management platform:** Unify operations with integrated solutions for backup, CDP, DR, search, ransomware attack detection, and vulnerability scanning into a single scalable environment. Eliminate silos while reducing data protection costs by 70 percent or more.

- **Immutable snapshots:** Store backed-up data in its secured file system in immutable snapshots that can't be directly accessed or mounted from outside the Cohesity cluster.

- **API-first extensibility:** Derive business insights with the Cohesity Marketplace partner ecosystem. Streamline operations and easily integrate on-prem and cloud environments with prebuilt automated workflows and API integrations.

- **Freedom of backup as a service (BaaS):** Take advantage of the public cloud's elasticity and economics with DataProtect delivered as a service. Choose an OpEx spend model and eliminate the need for on-prem hardware.

Improve response and recovery for greater cyber resilience

Cohesity DataHawk on Lenovo ThinkSystem servers helps enterprises protect and recover against ransomware with threat protection, cyber vaulting, and AI-powered data classification—by identifying threats, assessing attack impact, and confidently recovering critical data. Lenovo Think System servers have built-in, standards-based security for enhanced platform protection with an increased number of the latest security standards. According to the ITIC 2022 Global Server Hardware Security Report, in 2022, "only 2% of Lenovo ThinkSystem servers experienced downtime due to a hack attack. This was down from 4% of Lenovo ThinkSystem servers that suffered unplanned downtime due to a security attack in 2021."

Key differentiators:

- **Robust, multilayered security**: In addition to DataHawk's comprehensive security capabilities, Lenovo's ThinkSystem range has Lenovo's immutable hardware Root of Trust (RoT), ensuring that the server can only be booted with trusted firmware and enabling recovery in the unlikely event of tampering or corruption.

- **Cyber vaulting**: Securely isolate data offsite in the cloud via a virtual air gap and other built-in security features to prevent access and tampering of vault data and policies.

- **Threat protection**: One-click threat scanning uses an ML-based detection engine that scans and detects malware with indicators of compromise (IOCs). Automated threat feeds are updated daily and simplify the process of keeping up to date with the latest threats and malware strains.

- **Data classification**: Accurately detect and identify sensitive data or personal identifiable information (PII). More quickly and easily understand and assess the impact of an attack and determine if sensitive information was compromised.

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Why Cohesity and Lenovo:

- **Certified and pre-tested solution**: Cohesity and Lenovo have certified a number of solutions that combine Cohesity's software with Lenovo's hardware. These solutions are pretested and validated, ensuring they're both compatible and interoperable. This helps reduce deployment time and risk.

- **Best of both worlds**: With Cohesity now certified on a range of Lenovo ThinkSystem servers that are powered by both Intel and AMD processors respectively, our customers enjoy added resilience and improved security against ransomware threats while getting diverse choices for different sites.

- **Proven success and global support**: A number of organizations across the globe have already benefited from Cohesity and Lenovo joint solutions. A world-class network of Lenovo and Cohesity experts provides global support for seamless deployment and operations.

Embrace unparalleled data protection with Lenovo ThinkSystem servers and Cohesity, a radically simple, high-performance solution that delivers unmatched security, performance, efficiency, scale, and ease of use. Shield your workloads with the ability to swiftly recover at multi-petabyte scale. This jointly validated solution is available globally through select Lenovo and Cohesity partners, backed by collaborative, best-in-class support from both industry leaders.

To learn more about how Cohesity and Lenovo can help you strengthen your cyber resilience, visit **www.cohesity.com**

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