

Cohesity FortKnox: Modern cyber vaulting for confident recovery

Safeguard data. Accelerate recovery. Defend your business.

Data isolation is a crucial component of a comprehensive backup strategy designed to protect against cybersecurity threats, power outages, human error, and natural disasters. Organizations must prepare for cyber events with recovery strategies that are not only rapid but also resilient. This is where cyber vaulting becomes essential, isolating clean, immutable data copies in a secure, offsite location purpose-built for recovery.

Cohesity FortKnox is a modern cyber vaulting solution that helps organizations achieve cyber resilience by safeguarding critical data off-network and enabling fast, assured recovery following a cyber event.

Why cyber vaulting?

Traditional backups alone are no longer sufficient. Cybercriminals increasingly target backup infrastructure, encrypting or deleting data to block recovery and maximize ransom payouts.

Cyber vaulting addresses this by:

- Isolating data copies in a logically air-gapped environment separate from production systems and primary backup.
- Protecting data integrity with immutability, access controls, and zero-trust principles.
- Providing recovery assurance with the ability to test, validate, and orchestrate clean restores.

The business value is clear:

- Mitigate downtime costs and regulatory risks.
- Eliminate ransom payments.
- Ensure business continuity with fast, orchestrated recovery.

Use Cases

- **Ransomware recovery:** Restore clean data with confidence after an attack.
- **Regulatory compliance:** Meet emerging mandates for recovery assurance and air-gapped protection.
- **Business continuity:** Maintain uninterrupted operations with rapid, orchestrated data recovery workflows.

The pitfalls of DIY vaulting solutions

Some organizations attempt to build their own cyber vaults using cloud storage or extended backup infrastructure. While this may seem cost-effective upfront, DIY approaches often lead to major challenges:

1. Complexity

Custom solutions require stitching together infrastructure, security, and operational workflows, creating unnecessary risks and management overhead.

2. Security gaps

Homegrown vaults often lack true air-gapping, immutable storage, or fine-grained access controls, leaving critical data exposed to attack.

3. Operational burden

Manual processes for replication, access, validation, and recovery delay response times and increase the risk of human error.

4. Lack of recovery assurance

Without automation and integrated testing, organizations may not know if their vault data is clean or restorable until it's too late.

Cohesity FortKnox: Purpose-built cyber vaulting

Cohesity FortKnox solves these challenges with a turnkey, cyber vaulting solution that is simple, secure, and scalable.

Key Benefits

- **Logical air gap**

Data is vaulted in an isolated cloud environment, separated by both network and access controls, ensuring attackers cannot reach it.

- **Immutability by design**

Vaulted data cannot be changed or deleted until retention periods expire, protecting against tampering.

- **Zero-trust security**

Multi-factor authentication, quorum-based access, and strict role-based controls ensure only authorized personnel can interact with the vault.

- **Rapid, orchestrated recovery**

Quickly recover clean data to any target on-prem or cloud using automated workflows and clean room validations.

- **Ransomware resilience at scale**

FortKnox supports bulk recoveries with built-in threat scanning and malware detection, ensuring confidence in restored data.

- **Operational simplicity**

Available as a Software-as-a-Service (SaaS) or self-managed solution, FortKnox eliminates the complexity, enabling organizations to confidently recover from attacks while optimizing costs and maintaining compliance with security standards.

Why Cohesity FortKnox?

As organizations face rising cyber risk, Cohesity FortKnox offers a modern alternative to traditional backups and patchwork vaulting solutions. With built-in security, automation, and recovery intelligence, FortKnox helps enterprises recover faster, reduce risk, and stay resilient.

Don't just back up, vault with confidence.

Learn more at cohesity.com/products/fortknox

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