TACTICAL BUYERS GUIDE

NetApp | COMMVAULT

WHY CLOSED-LOOP CLEAN RECOVERY SHOULD BE A STRATEGIC PRIORITY

THE PROBLEM

Recovery is the weakest link
Most enterprises have invested heavily in prevention—endpoint, identity, network, SIEM, and XDR. Yet ransomware continues to succeed not because defenses fail, but because recovery fails.

Common recovery challenges include:

- Long, unpredictable RTO (weeks, not hours).
- Uncertainty about which backups are clean.
- Backup environments compromised alongside production.
- Manual recovery workflows under crisis pressure.
- Fragmented tools across storage and backup teams.
- Lack of executive confidence in recovery readiness.

The issue isn't whether backups exist. It's whether recovery is fast, validated, and predictable.

THE SOLUTION

Why closed-loop matters
A closed-loop recovery architecture eliminates the gaps between:

- ✓ Detection
- ✓ Containment
- ✓ Backup validation
- ✓ Clean restore
- ✓ Ongoing monitoring

Without integration, these are disconnected steps. With NetApp® and Commvault, they operate as one engineered system.

How closed-loop recovery solves real customer problems

Reduces downtime with improved recovery time objective (RTO)

- AI-powered anomaly detection at primary storage limits blast radius.
- Immutable snapshots provide immediate recovery anchors.
- Automated backup validation eliminates guesswork.

Result: Recovery becomes procedural, not chaotic.

Minimizes data loss with improved recovery point objective (RPO)

- Frequent immutable snapshots.
- Immutable, air-gapped secondary storage.
- Continuous monitoring of backup integrity.

Result: More recovery points. Less exposure.

Ensures clean recovery

- ThreatScan validates backup sets before restore.
- Cleanroom environments isolate restoration testing.
- Secondary storage hardened against tampering.

Result: Restore once—and restore clean.

Strengthens overall security posture

Closed-loop recovery shifts storage and backup from passive infrastructure to active security surfaces:

- Storage becomes an early detection layer.
- Backup becomes a verified integrity layer.
- Recovery becomes an engineered, repeatable workflow.

Result: Elevate data protection from operational hygiene to strategic cyber resilience.

What you should ask about your recovery effectiveness:

- Can we verify which recovery points are uncompromised?
- Is our storage layer participating in detection?
- Are backups isolated and immutable?
- Can we demonstrate measurable RTO/RPO performance?
- Is recovery automated or manual under stress?

If the answer to any of these is uncertain, closed-loop recovery should be a priority initiative.

Contact Us

About NetApp
For more than three decades, NetApp has helped the world's leading organizations navigate change—from the rise of enterprise storage to the intelligent era defined by data and AI. Today, NetApp is the Intelligent Data Infrastructure company, helping customers turn data into a catalyst for innovation, resilience, and growth. At the heart of that infrastructure is the NetApp data platform—the unified, enterprise-grade, intelligent foundation that connects, protects, and activates data across every cloud, workload, and environment. Built on the proven power of NetApp ONTAP, our leading data management software and OS, and enhanced by automation through the AI Data Engine and AFX, it delivers observability, resilience, and intelligence at scale. Disaggregated by design, the NetApp data platform separates storage, services, and control so enterprises can modernize faster, scale efficiently, and innovate without lock-in. As the only enterprise storage platform natively embedded in the world's largest clouds, it gives organizations the freedom to run any workload anywhere with consistent performance, governance, and protection. With NetApp, data is always ready—ready to defend against threats, ready to power AI, and ready to drive the next breakthrough. That's why the world's most forward-thinking enterprises trust NetApp to turn intelligence into advantage.

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