

Recover faster and securely with the Cohesity Clean Room solution delivered by Tata Consultancy Services

Traditional disaster recovery plans are no longer sufficient against ransomware and wiper attacks. Recovering without understanding the root causes and mitigating threats can result in unintended reinfection—causing extended downtime and increased financial losses.

Secure recovery extends beyond simply restoring data. It demands a thorough investigation, closure of security gaps, and elimination of residual threats to prevent recurrence. Organizations need modern, agile solutions that provide isolated environments for forensic investigations and recovery of systems and data to a trusted state.

Delivering comprehensive cyber response and recovery

Cohesity and Tata Consultancy Services (TCS) have partnered to provide a comprehensive cyber response and recovery solution that helps clients operate with confidence.

The [Cohesity Clean Room solution](#), deployed and managed by TCS, provides secure, isolated environments for attack investigation, remediation of threats and vulnerabilities, and validation of resources before recovering workloads to production. This solution helps organizations align with best practices in incident response and implement an effective shared responsibility model between security and IT operations.

The Clean Room solution allows organizations to rapidly recover the resources needed for incident management into a trusted state. Security operations teams can use the native security capabilities of our platform, [Cohesity Data Cloud](#), alongside the organization's other security tools, to investigate the attack through file system forensics and threat hunting. IT operations teams can rapidly remediate affected systems through rebuild or clean recovery. They then validate the integrity and performance before securely recovering workloads to production.

With our market-leading platform and TCS' global expertise in cybersecurity and delivery excellence, organizations can efficiently mitigate risks, accelerate recovery, and restore operations.

Key Benefits

- Faster and safer recovery
- Reduced risk of reinfection
- Improved recovery time objective (RTO)

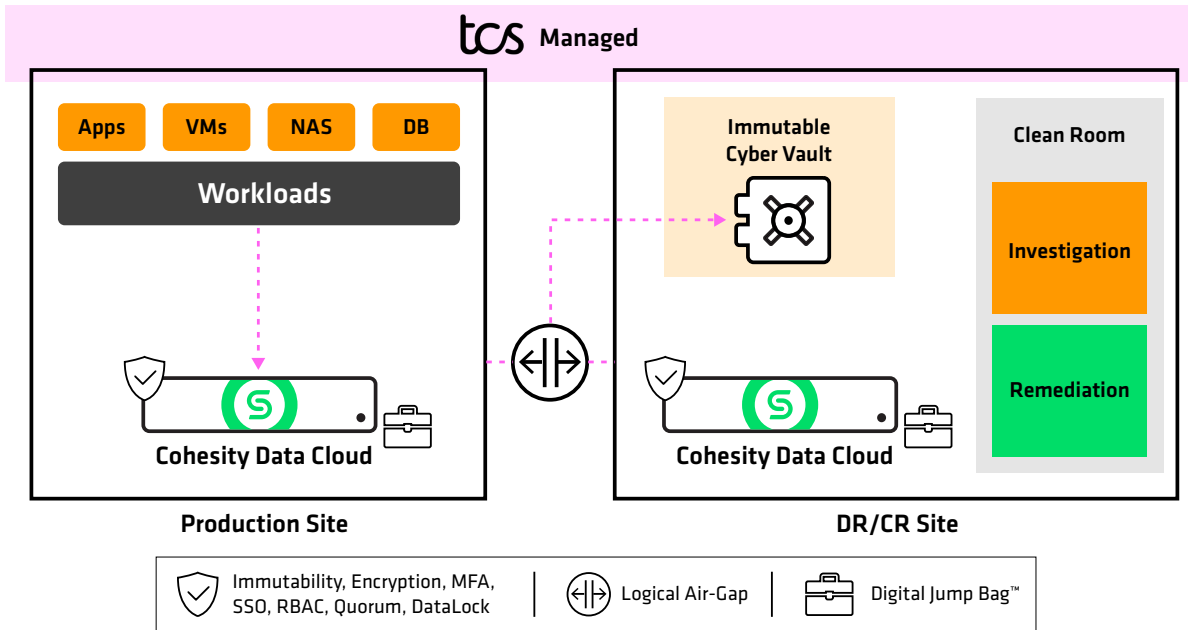


Fig.1: TCS-managed production and disaster recovery/cyber recovery sites with the Cohesity Clean Room solution

Operational use cases

- **Rapid incident response** – Accelerate recovery by restoring critical applications, systems, and user accounts into a trusted, isolated environment within minutes, enabling swift incident containment and response.
- **Incident investigation and mitigation** – Recover backup snapshots in the Clean Room to analyze attacks and find the root cause. Security teams can perform deep-dive forensics and threat hunting using Cohesity’s native security features alongside other security tools. IT teams can then begin remediating the threats and vulnerabilities found by rebuilding or restoring sanitized systems.
- **Configuration and performance testing and validation** – IT operations can conduct functionality and performance testing, as well as configuration validation, before restoring workloads into production.
- **Recovery rehearsal** – Run drills using the Clean Room solution as many times as needed to build muscle memory, improve processes, and refine automation.
- **Regulatory compliance and audit readiness** – Provide a record of how systems and data were restored to a clean state after a cyber incident.

TCS approach to cyber recovery:

TCS brings deep rooted expertise in designing and implementing isolated recovery environments tailored for ransomware protection and resilient recovery. With a proven methodology that includes defining the Minimum Viable Organization (MVO) and Minimum Viable Operations (MVOps), we help enterprises establish secure cleanrooms capable of rapid recovery. Central to the architecture is an air gapped vault copy that ensures immutable backup retention—supported by best practices in backup governance, access control and recovery validation.

In the face of cyber threats, a structured and proactive recovery strategy is essential to minimize business disruptions. Our approach is anchored in five distinct phases; each designed to strengthen resilience and accelerate recovery.

1. **Planning and preparation:** TCS does a business impact assessment to identify critical data and applications for the MVO. Then the backup and recovery plan are drafted.
2. **Detection, alerting, and containment:** Upon the detection of threats, steps are taken to contain the attack by the TCS team. This may include isolation of IT assets and verifying the backup images in the vault.

3. Analysis and response: The attack is thoroughly analyzed to identify its nature, impact, and origin. Based on the insight, an appropriate response strategy is crafted to contain the threat.

4. Mitigation: In this step, we initiate recovery of verified and most usable backup snapshots from an immutable data vault to the staging environment for remediating the vulnerabilities and eradicating the traces of the attack to ensure a fortified environment.

5. Recovery: In the final phase, the validated copy is recovered to production, marking the secure resumption of operations. The incident response is thoroughly documented to guide further infrastructure enhancements.

To execute these phases, TCS deploys Cohesity Data Cloud, integrated with AI-driven threat detection and ML-powered data classification, in a secure environment. Using the Data Cloud capabilities not only accelerates the identification of threats and sensitive data but also enables real-time assessment, containment, and confident recovery.

Why TCS and Cohesity

- **Recognized leadership:** TCS is a global leader in cloud services and strategy, as consistently validated by leading analysts in key industry reports—including the 2023 Gartner® Magic Quadrant™ for Data Center Outsourcing and Hybrid Infrastructure Managed Services. Similarly, Cohesity has earned consistent recognition for its leadership in data security, including being named a Leader in the 2025 Gartner Magic Quadrant for Backup and Data Protection Platforms for the 6th consecutive year.

- **Proven success:** As a Cohesity Data Security Alliance partner, TCS brings extensive experience and a large team of trained and certified resources—in delivering infrastructure security, governance, risk, and compliance management solutions as well as cyber resilience implementation and delivery for customers across the globe and industries using Cohesity’s proven data security platform. TCS offers comprehensive backup and recovery solutions and services designed to help enterprises ensure business continuity, minimize downtime, and protect against data loss due to various incidents.
- **TCS value builders:** TCS Supports global customers by offering ready-to-deploy value builders for data center management and backup and recovery. These value builders are modular and scalable digital solutions, which include AI and ML-driven solutions across various industries , enabling faster realization of benefits through seamless integration with third-party tools. TCS value builders empower the customization of products and services to precisely meet customer needs and preferences.
- **Continued joint innovation** – TCS and Cohesity have invested in a joint innovation lab and dedicated center of excellence (CoE) to deliver innovative and pre-tested solutions for our mutual customers.

Visit the [Cohesity and Tata Consultancy Services solutions](#) to learn more.

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