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Ensuring Cyber Readiness With Commvault Cloud Cleanroom Recovery

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Abstract

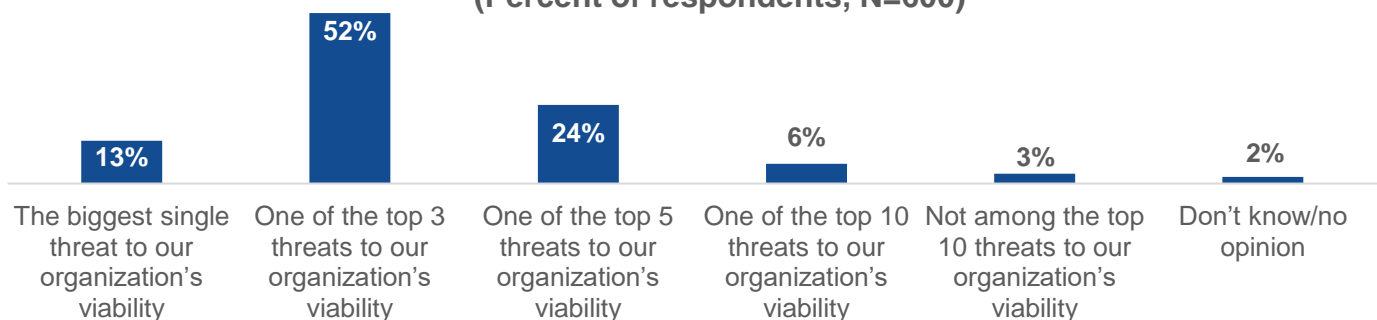
This Technical Summary of the Technical Review by TechTarget’s Enterprise Strategy Group summarizes the analysis of Commvault Cloud Cleanroom Recovery, with the goal of validating how Cleanroom Recovery can help organizations improve their cyber resilience by providing a comprehensive solution for testing, analysis, and failover.

The Challenges

Enterprise Strategy Group research revealed that ransomware is a significant threat that can potentially devastate organizations. While 89% of respondents ranked ransomware as one of the top five threats to the viability of their organization, nearly two-thirds (65%) placed it in the top three (see Figure 1).¹

Figure 1. Wide Majority Rank Ransomware as a Top Threat to the Viability of Their Organization

**As an overall threat to the viability of your organization compared with all other potential risks, where would you rank ransomware?
(Percent of respondents, N=600)**



Source: Enterprise Strategy Group, a division of TechTarget, Inc.

Traditional cyber-recovery testing methods, such as tabletop exercises, often fail to adequately prepare organizations for the complexities and chaos of real-world cyber-recovery scenarios. Today, organizations must be assured that the environment they restore to is clean, as today’s cyberattacks impact the environment in which the data resides along with the data itself. Organizations must adopt proven testing and recovery best practices for cyberattack preparedness and recovery readiness.

¹ Source: Enterprise Strategy Group Research Report, [2023 Ransomware Preparedness: Lighting the Way to Readiness and Mitigation](#), December 2023. All Enterprise Strategy Group research references and charts in this Technical Summary are from this research report.

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Commvault Cloud Cleanroom Recovery

Commvault Cloud's Cleanroom Recovery is a testing and failover solution that enables organizations to ensure clean recovery and business continuity in the event of a breach. For the purposes of this paper, the term cleanroom at its most basic level is defined as a secure, separate recovery environment that is guaranteed to be clean.

Why This Matters

Ransomware poses an existential threat to businesses. While many organizations have a cyberincident response strategy, they lack the ability to reliably test cyber-recovery plans to ensure readiness. Periodic and successful testing, documentation, and validation—which many organizations have found hard to achieve—is essential to a comprehensive and executable cyber-resilience strategy and working plan. Because testing cyber-recovery plans is complex and expensive, many organizations rely on simulations, tabletop exercises, and checklists.

Enterprise Strategy Group found that Commvault Cloud Cleanroom Recovery provides a clean, secure environment that enables organizations to perform frequent, auditable testing and forensic analysis, enabling them to recover quickly and safely, regardless of where their source data lives.

Conclusion: The vast majority (89%) of respondents to Enterprise Strategy Group research ranked ransomware as one of the top five threats to the viability of their organization, and three in four of those organizations reported a successful attack in the last 12 months. Multiple attacks are the norm, as are multiple demands for payment, even after an organization has paid the ransom. Attack methods have become diverse and creative, with bad actors using social engineering and other techniques to acquire valid credentials, rather than relying solely on malware to deliver their payloads.

Enterprise Strategy Group validated that Commvault Cloud Cleanroom Recovery provides a verified, clean, and isolated environment to prepare for and respond to cyberincidents. Commvault Cleanroom Recovery automates the recovery of the Commvault Cloud control plane into a Commvault Cloud SaaS tenant, then automates the recovery of virtual machines out of Commvault Cloud Air Gap Protect into a client-provided Azure tenant based on the recovery groups that are defined by the client.

In short, Commvault Cleanroom Recovery is the first and only solution to date Enterprise Strategy Group has validated that enables recovery to an assured-to-be-clean environment, made possible by Commvault's any-to-any portability.

Cyber resilience requires a detailed and secure cyber-recovery plan with regular, auditable testing to ensure that an organization can recover quickly and—more importantly—into a clean environment free from infection. Enterprise Strategy Group confirmed that Commvault Cleanroom Recovery delivers what is needed to accomplish this.

Read the full Technical Review [HERE](#).

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