

Cyber Readiness with Cleanroom™ Recovery

WHY DO YOU NEED CLEANROOM SERVICES?

Cyberattacks have escalated dramatically in recent years, posing a substantial threat to organizations across all industries. These attacks can have devastating consequences, including data breaches, financial losses, and irreparable reputational damage.

A cleanroom, or Isolated Recovery Environment, is a secure, separate environment guaranteed to be safe. However, the concept of a cleanroom is more than just a secure data center. It's a comprehensive approach to cyber recovery, encompassing a secure, standalone environment, meticulous planning, established processes, best practices, testing, and well-defined procedures.

HOW IS CYBER RECOVERY DIFFERENT?

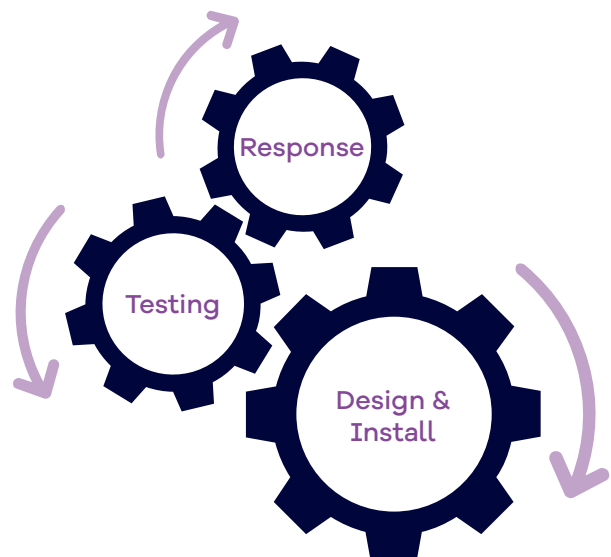
Cyber Recovery and Disaster Recovery are essential for robust organizational resilience against business disruptions. While Cyber Recovery and Disaster Recovery are both approaches to restoring systems after disruptions, they deal with very different threats and challenges.

- Cyber Recovery tackles malicious attacks like ransomware or data breaches, where attackers actively try to harm your systems and steal information. Disaster Recovery is best suited to events like natural disasters or hardware failures, which aren't intentional and don't actively target your data.
- Cyber Recovery requires investigation and remediation before recovery can begin, extending the recovery timeline due to the need to contain the attack and make sure no malware or exploits remain. Every element of your environment, from hardware to data and backups, needs to be scrutinized for possible infection before restoring, as attackers might have hidden malware or altered backup files Disaster Recovery does not have these additional requirements that must be completed before the recovery process can start.

WHAT CLEANROOM SERVICES DOES COMMVAULT OFFER?

Commvault offers a suite of Cleanroom services to **design, install, test, and when required, respond.**

By using Commvault services, you can be confident that Commvault's experts will bring years of Commvault Cloud experience to help develop your recovery strategy and work with you so that you are ready in the event of a cyberattack.



SERVICES DETAILS

The table below details the benefits and scope of the Cleanroom Design & Install, Readiness Testing, and Incident Response services.

Service	Benefits	Scope
Cleanroom— Design & Install	Plan and build the capability to quickly recover production assets into an isolated recovery environment the cloud.	Plan and Configure the Commvault features: <ul style="list-style-type: none"> • CommServe Recovery Validation Service • Air Gap Protect • Cleanroom Application Recovery Initial Testing: <ul style="list-style-type: none"> • Control Plane Recovery Test • Recovery Group Test
Cleanroom— Readiness Testing	Build confidence in the ability of your IT Team to recover in a cyberattack by testing (and updating as required) by performing regular testing of your Cleanroom Recovery Plan.	Control Plane Recovery <ul style="list-style-type: none"> • Recover the Control Plane • Perform a Test Restore • Export Evidence Recovery Test <ul style="list-style-type: none"> • Custom Recovery Group • Recovery Target in Azure Cloud
Cleanroom— Incident Response	Recover production assets quickly into an isolated environment for forensics and analysis when recovering from a Cyber Attack.	Cleanroom Recovery <ul style="list-style-type: none"> • Execute Control Plane Failover • Restore Recovery Group(s) in Azure as needed for analysis

PRODUCT DETAILS

The sections below explain the technical components used in Commvault's Cleanroom Recovery services.

Control Plane Validation Service

The Control Plane Validation provides air-gapped backups of the CommServe database with the ability to perform isolated clean room recoveries to periodically spot test recoveries of your data. This feature streamlines and simplifies recovery testing and validation without impacting production operations. Following a successful recovery, you can provide evidence for compliance and/or regulatory purposes.

Air Gap Protect

Air Gap Protect is Commvault's secure and scalable cloud storage solution and provides the following benefits:

- Single pane of glass for visibility & management of multiple backup targets.
- Simple configuration of cloud storage for backups.
- Resilient ransomware protection and risk reduction.
- Storage tiers for short- or long-term retention.
- Cost-optimized cloud data mobility that scales with your storage needs.
- Predictable costs and lower TCO.

Cleanroom Recovery

Cleanroom Recovery uses Commvault Recovery Groups to perform one-click recovery of applications from across production sites into a cleanroom recovery site that is isolated from production sites and can be used for the following:

- Validation, forensic analysis, and recovery of applications in a secure, isolated cleanroom environment, ensuring recovered applications are pristine and safe from cyber threats.
- Validate recovery readiness of their applications from across their production datacenters and/or regions.
- Define recovery dependencies and tailor the recovery process unique to specific applications.

BE READY

In the event of a cyberattack, you cannot afford to lose valuable time trying to formulate a plan on the fly. Commvault Cleanroom services provide the resources and expertise to help you prepare a plan to recover quickly and safely.

Attackers don't wait, and neither can you.

To learn more, visit commvault.com/services