



SOLUTION BRIEF

# Cyberthreat protection with resilience and recovery

Developing a cyber-resiliency plan for your data

Ransomware dominates the news, boardroom agendas, and every CIO's darkest thoughts – *with good reason*:

# \$9,000 per minute

is the average cost of downtime.<sup>1</sup>



## 57%

of CISOs admit they do not know where some or all their data is or how it's protected.<sup>2</sup>

Commvault® Cloud enables cyber resilience for the hybrid world by actively securing and defending data broadly across cloud, on-prem, and SaaS workloads. With hardened security, patented early warning, end-to-end observability, and rapid recoverability built-in. Commvault Cloud is the best defense against ransomware, delivering unrivaled business continuity at the lowest TCO.

### THE ULTIMATE CYBER-RESILIENT AND RECOVERY FRAMEWORK

- Identify your most critical data.
- Implement security controls and immutability to harden infrastructure.
- Proactive threat awareness.
- Control and defend backup.
- Enable disaster and cyber recovery at scale.

[Learn more >](#)

## AI INTELLIGENCE TO STRENGTHEN CYBER RESILIENCE

Metallic® AI is the engine that drives Commvault Cloud. It is an intelligent management and control layer that predicts threats faster, ensures cleaner recoveries, accelerates response times, and dramatically lowers TCO. Metallic AI leverages a powerful mix of AI, ML, and automation to deliver the most advanced data protection intelligence in the industry.

## DATA RECOVERY AT THE CORE OF CYBER SECURITY

Commvault Cloud, powered by Metallic AI, offers robust cyber resiliency through four platform services to drive industry leading cyber resilience:

Early warning

Risk governance

Cyber readiness

Resilience and recovery

Businesses must place data recovery at the heart of their cybersecurity posture, ensuring that data can be rapidly restored in its cleanest, most complete form. Effectively, detect threats faster. Proactively find and remediate risks. Ensure cyber resiliency and have the flexibility to rapidly recover from anywhere.

## RECOVER CONFIDENTLY, WITH SPEED AND EFFICIENCY

Should you ever suffer a ransomware attack, Commvault's [ransomware readiness solutions](#) provide unparalleled support and guidance for a consistent, rapid recovery—across platforms and clouds. You get the resources and expertise to accelerate your return to normal operations as quickly as possible.

<sup>1</sup> Pingdom Team, SolarWinds, "Average Cost of Downtime per Industry," January 2023.  
<sup>2</sup> Help Net Security, "CISOs' Priorities for the Coming Year," November 2022.

## COMMVAULT'S MULTILAYERED CYBER RESILIENCE FRAMEWORK

Organizations need a cyber resilience solution that goes beyond traditional backup and recovery to secure, defend, and recover data—wherever it may be. Our multilayered approach follows the [National Institute of Standards and Technology \(NIST\) Cybersecurity Framework](#) to address these five areas:



### Identify

Through [Security Insights](#), quickly identify risks and suspicious behaviors in backup data. Our zero-trust architecture provides built-in security protocols, forensics monitoring, and AI to secure data, prevent unwanted access, and drive compliance in the face of evolving cyber threats. Use [Threat Scan](#) to investigate file anomalies to ensure you recover good data and avoid malware reinfection. Your most sensitive and critical data will be secured and protected, wherever it lives.



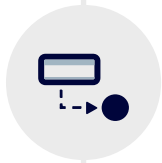
### Protect

Reduce your overall attack surface by limiting and containing potential threats to prevent a systemic spread. Isolate and segment networks, adopt [air gap protection](#) to separate and secure backup copies, and remove sensitive data types. Prevent exposure and [incorporate cyber deception technology](#) to intercept stealthy and advanced cyber threats sooner - before data leakage, encryption, and exfiltration can occur.



### Monitor

Quickly surface advanced attacks. Proactively detect and remediate risks to your [data security posture](#) across production and backup data. Incorporate our next-generation [early warnings](#) and [real-time monitoring](#) to find and neutralize zero-day and insider threats. Detect, divert, and flag malicious activity sooner to reduce recovery efforts.



### Respond

Ensure resilience and reliable recovery with advanced preparedness, [automated validation](#), and continual recovery testing. Seamlessly [integrate with key security tooling](#) to increase visibility, response, and countermeasures across IT and Security. Plus, [Commvault ransomware readiness solutions](#) provide resources and expertise to accelerate your response and return to normal business operations after a data-loss event.



### Recover

Ensure rapid recovery, with the flexibility to recover from anywhere to anywhere. With proactive recovery tools across all of your workloads, ensure a curated recovery by removing suspicious files and knowing the exact time to recover. [Cloudburst Recovery](#) provides advanced AI-driven technologies to quickly recover workloads to an immutable, air gapped cloud storage, (including on-prem) and gain continuous AI testing for a clean and speedy recovery.



### Take the next step

With Commvault Cloud, you have a multilayered cyber-resilient data protection solution for the hybrid world. **Talk to your partner to learn more!**

Learn more about using Commvault cyber resilience as your defense against cyberthreats.

Visit: [commvault.com/use-cases/ransomware-and-cyber-defense](https://commvault.com/use-cases/ransomware-and-cyber-defense)