

# A to Z cyber resilient data protection and recovery

## OVERVIEW

Cyber threats are growing more sophisticated every day. What was once a solitary practice has transformed into a new form of digital organized crime, which in turn is breeding more sophisticated technologies and tactics as cyber criminals attempt to infiltrate networks and supply chains. As cyber risks evolve, data estates grow, and IT resources shrink, today's organizations need a better way of safeguarding their data in an ever-changing threat landscape. Commvault® Cloud is the best defense against ransomware, delivering unrivaled business continuity at the lowest TCO. Our A to Z to cyber resiliency delivers the right breadth of detection, security, and recovery capabilities to reduce risk, minimize the impact of attacks, and deliver unwavering business continuity in the face of threats. Powered by Metallic AI, uniquely Commvault Cloud brings together next-generation AI, ML, and automation to create the most advanced data protection intelligence available.

Only Commvault delivers true cyber resiliency to solve the data challenges of the hybrid world. Commvault Cloud, our next generation data security and cyber recovery platform, actively protects and defends data broadly across cloud, on-prem, and SaaS workloads, with hardened security, patented early warning, end-to-end observability, and rapid recoverability built-in. Our A to Z to cyber resiliency delivers the right breadth of detection, security, and recovery capabilities to reduce risk, minimize the impact of attacks, and deliver unwavering business continuity in the face of threats.

## A TO Z COVERAGE

**A**

Air gap to secure immutable backup copies

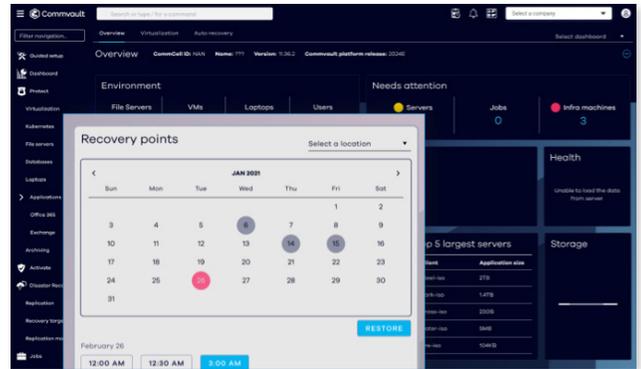
**Z**

Zero trust principles and ongoing monitoring throughout backup and production environments

Data protection has long been described as a business's last line of defense, coming into play only after the damage is done. Commvault shifts this paradigm, and delivers true data security in the cloud, enabling customers to see, manage, and recover data wherever it lives—with cloud simplicity, intelligence, and speed and scale. Quickly and easily protect your data environment from A to Z with these features:

- **Air Gap and immutability:** House backup data in a secure, air-gapped storage target with secure and restrictive account access and data isolation, with hardened security controls to ensure data is never tampered with, deleted, modified, or altered.
- **Clean Restore Point Validation:** AI-driven automation to verify and ensure clean recovery points, to prevent reinfection and ensure pristine datasets.
- **Data Security Posture Management:** Identify, analyze, and secure sensitive files to reduce exfiltration risks across all your production and backup data.
- **Early Warning:** Detect threats before encryption, exfiltration, or damage. Commvault's patented early warning technology uncovers and diverts zero-day and advanced threats before they reach your data - masking assets and backup environments from malicious bad actors.

- **Resilience and Recovery:** Eliminate malware risks, prevent reinfection, and orchestrate restores at scale with reliable, rapid recovery.
- **Security Insights:** End-to-end observability and enhanced security posture management into data risks, suspicious behaviors, and security best practices to mitigate risks, react sooner and, limit exposure through a single pane of glass.
- **Zero trust architecture:** Benefit from multifactor and multiperson authentication; privileged access management (PAM); and identity and access management (IAM) tools like CyberArk, YubiKey, and biometrics (such as AAL3).



## COMMVAULT CYBER RESILIENT RANSOMWARE PROTECTION AND RECOVERY

Today's omnipresent cyber risk means reimagining data protection to stay ahead of attacks. Arm your business with proactive capabilities that secure data, anticipate risks, and deliver trusted recoverability – in the face of any threat. Check out Commvault's offering to extend your A to Z ransomware cyber resilient data protection and recovery capabilities:

- **Autonomous Recovery** provides resilience and recovery, along with cyber readiness providing backup, archive, replication, disaster recovery, and built-in ransomware protection for all your workloads to meet your service-level agreements (SLAs).
- **Risk Analysis** locates and manages sensitive data to protect personal identifiable information (PII) from internal and external threats and to align with SLAs.
- **Threat Scan** enables you to identify and respond to incidents faster, avoid file reinfection, and restore impacted data quickly.
- **Threatwise** uses patented early warning to surface zero-day and unknown cyberthreats before they cause harm. Respond faster—before data encryption, leakage, or exfiltration.

From air gap to zero trust principles, Commvault has you covered from A to Z with the core capabilities of **data secured; data, defended; and data, recovered**. With Commvault, you're ready to be cyber resilient against ransomware.

Learn more about [Commvault A - Z coverage](#)