

# The multi-layered approach to data protection and recovery

Reduce cybersecurity risk and ensure data availability through our secure backup framework. This end-to-end framework consists of features sets, guidelines, and best practices. Providing you with the best recovery capabilities is our ultimate goal.

## The security framework



# The plan in details

Security-conscious organizations like yours can trust Commvault on data recovery and get the businesses back up and running in no time. Through our multi-layered security approach to data protection and management, your organization benefits from the below.



Identify	Secure user access and controls	AAA Framework protects who has access and what they have access to while monitoring events and activities for proper security. <a href="#">Learn more &gt;</a>
	Centralized security management	Single pane of glass to centrally monitor, manage, and adjust the security levels and parameters. <a href="#">Learn more &gt;</a>
Protect	Simple data immutability	Protect against changes from inside and outside the backup solution. Restore unchanged and unmodified backup data anytime. <a href="#">Learn more &gt;</a>
	End-to-end data security	Data is encrypted at the source, in flight, and at rest using industry-standard protocols with multiple options for key management and interoperability. <a href="#">Learn more &gt;</a>
	Bring cloud into the security strategy	Metallic Cloud Storage Service makes it simple to securely adopt cloud storage and ease digital transformation. <a href="#">Learn more &gt;</a>
	Secure air gap backup copies	Isolate and segment storage targets from public networks to mitigate lateral moving threats. <a href="#">Learn more &gt;</a>
Monitor	Fast detection with active monitoring	Use machine learning, artificial intelligence, and honeypots to monitor and detect suspicious or unusual activity for greater insights and faster time to recovery. <a href="#">Learn more &gt;</a>
Respond	Streamline operations	Coordinate interactive responses and actions using APIs, workflows, and integrations with external orchestration platforms. <a href="#">Learn more &gt;</a>
	Avoid ransomware file reinfections	Ensure a clean and secure recovery by surgically deleting suspicious files, unnecessary files, or creating an isolated recovery. <a href="#">Learn more &gt;</a>
Recover	Recover quickly	Minimize lost revenue with fast, flexible cloud, virtual, and on-premises recovery options. <a href="#">Learn more &gt;</a>

Learn more about Commvault ransomware protection and recovery. [Visit commvault.com/ransomware >](https://www.commvault.com/ransomware)

AHEAD

Learn more at  
[www.ahead.com](https://www.ahead.com)