

Commvault® Cloud Risk Analysis

Identify and categorize sensitive data to protect it from unauthorized access, theft, and misuse

OVERVIEW

With Risk Analysis, organizations can easily secure and defend sensitive data across their entire infrastructure. By gaining visibility into data risks, teams can easily identify and categorize sensitive data to help mitigate potential data breaches and foster efficient cross-functional collaboration. Organizations can discover, analyze and secure sensitive data to prevent cyber exposure and potential data exfiltration. Risk Analysis forms the backbone of smart, proactive data management strategies designed to reduce risks and costs.

CHALLENGE

Today, many Security and IT Operations teams lack a cohesive way to identify and classify their organization's data, including its age and usefulness. Teams typically spend tedious hours manually searching for files and folders based on limited data analysis and thus make potentially monumental decisions without a clear understanding of the data and how and where it's stored. With rising levels of access to data from third-party apps and minimal monitoring, it's no surprise that devastating cyberattacks are on the rise.

70% Of organizations state that a third-party breach came from granting too much access.¹

9M Average financial impact of a cyberattack.²



SOLUTION

Risk Analysis allows organizations a better way to secure and defend data by easily identifying and categorizing sensitive data, for a proactive defense to reduce the impact of a data breach. Risk Analysis delivers a robust and configurable platform that's capable of analyzing both backup and live data. Effortlessly secure and defend sensitive data across their entire infrastructure. They gain visibility into data risks to easily identify and categorize sensitive data to collaborate with ease and mitigate potential data breaches, all while saving costs through smart proactive data management strategies.

With Risk Analysis, you can:

- Safeguard and manage sensitive data to help ensure compliance
- Respond to security events faster – before data encryption, leakage, or exfiltration
- Identify and remove ROT data to reduce costs

1. SecureLink and Ponemon Institute, Treading Water: The State of Cybersecurity and Third-Party Remote Access Risk, July 2022
2. Ibid

Benefits

- Protect sensitive data
- Get a complete data picture
- Eliminate ROT data from production environments
- Reduce storage costs

SECURE DATA

Risk Analysis secures sensitive data across your entire data estate. Wherever the data lives on-premises, in a public or private cloud, at the edge, or in virtualized environments, Risk Analysis can identify and categorize the data to help alleviate the burden of a data breach.

DEFEND DATA

Risk Analysis, teams can leverage consistent policies to manage and defend data sovereignty and compliance across multi and hybrid-cloud environments. Teams can quickly search, collect, and hold relevant data from across your cloud(s) for eDiscovery, legal, and forensic investigative needs.

RAPIDLY RECOVER DATA

Risk Analysis help ensure that sensitive data is secure, constantly monitored, and understood, helping to generate safe and usable backups. Plus, by identifying ROT data for removal from production systems, Risk Analysis enables faster recoveries with streamlined backups.

Feature	Integration	Capabilities and Benefits
Automate data identification and classification assignment	<ul style="list-style-type: none"> • Autonomous Recovery • Commvault Cloud Backup and Recovery 	<ul style="list-style-type: none"> • Secure, defend, and manage sensitive data • Help ensure compliance with data governance regulations
Manage permission inconsistencies and overexposed files	<ul style="list-style-type: none"> • Autonomous Recovery • Commvault Cloud Backup and Recovery 	<ul style="list-style-type: none"> • Reduce data exfiltration risk • Meet compliance
Archive ROT data	<ul style="list-style-type: none"> • Autonomous Recovery • Commvault Cloud Backup and Recovery 	<ul style="list-style-type: none"> • Reduce attack surface • Improve performance • Lower storage costs • Execute faster backups

STREAMLINE DATA MANAGEMENT

Unlike other risk analysis and data classification solutions only available as add-on SaaS services, Risk Analysis is fully integrated with the industry's leading data management solution, enabling Security Operations and IT teams to streamline data management workflows, reduce storage costs, and adhere to compliance regulations. Risk Analysis enables easy and accurate identification and classification of sensitive data to protect organizations from today's cybersecurity threats.



With Commvault, we are able to help customers control their data and eliminate unpredictability.

Chris Kiaie
Managing Director, ORIIUM

1 Analyze and Investigate Risk

It's imperative that Security Operations teams help ensure the security and integrity of sensitive data through-out their organization. With Risk Analysis, they can easily identify sensitive files based on their location and take the necessary proactive steps to reduce risks and minimize the impact of data breaches.

2 Protect User Access Control

Security Operations teams need to conduct security audits of systems to identify and actively defend any files or folders with open (non-restricted) permissions and actively monitor user accounts with access to that sensitive data. Based on the results of the audits, Security Operatives and Compliance Officers must remediate those permissions. In addition to identifying open permissions, Risk Analysis delivers alerts about potentially future non-compliant data, enabling ongoing enforcement of permissions to mitigate future issues arising from open permissions and users with incorrect and inappropriate access.



Total permissions
assessment across
landscapes



Help ensure
appropriate
user access



Enforce
compliance

3 Maximize Cost Savings with Effective Data Management

To make informed decisions about cost-efficient data storage, IT Operations teams must analyze redundant and unused data in the environment based on owner, department, and additional characteristics. Risk Analysis identifies potential ROT data and enables IT teams to work with file owners to remediate its quarantine, archival, or removal. In addition, Risk Analysis automates the reporting, alerting, and approval processes for optimal data management activities.

To learn more, visit commvault.com