

# AWS Cloud Native Data Protection

Cyber resilient and cost effective data protection for AWS cloud data

As businesses modernize to the cloud, simple phishing attacks are enough to give attackers the ability to take control of data. How can cloud data remain resilient and recoverable from cyberattacks, while meeting IT budget goals.



## GAIN VISIBILITY

Uncover and close data protection gaps with global visibility and protection of AWS, multi-cloud, and hybrid-cloud workloads from a single pane of glass.



## REDUCE DATA RISK AND ENSURE RECOVERABILITY

Proactively prevent sensitive data exfiltration and ensure rapid recoverability of critical AWS workloads from ransomware-free backups.



## LOWER TCO

Identify redundant, obsolete, and trivial (ROT) data and optimize cloud storage to significantly lower consumption, operational costs, and recovery time.

## UNIFY MANAGEMENT OF ALL WORKLOADS

### Single Pane of Glass

Monitor the health and backup status of all AWS and hybrid cloud workloads with ease from a single centralized UI.

### Data Protection Policy Automation










Replace hundreds of manual, backup jobs with global SLA policies and standardize frequency, retention, and replication.

### Single Sign-on

Centralize role-based access controls with single sign-on across the entire cloud, on-prem, and SaaS environment.

## SECURE IAAS AND PAAS

With Rubrik Zero Trust By Design, data remains readily available. Services are architected with a logical air gap, secure protocols, native immutability, encryption, and access controls.

								
AWS EC2	AWS S3	AWS RDS	AWS Aurora	AWS EBS	VMware Cloud on AWS (VMC)	Oracle	SQL Server	AWS EFS

Achieve cyber resilience against cyberattacks, malicious insiders, and operational disruptions.

### Logical Air Gap

Prevent unauthorized discovery, access, mounting, or compromise of data through non-SMB/NFS-based network protocols.

### Immutable by Design

Prevent unauthorized change, encryption, or deletion of data by storing data in a proprietary format and verifying it with data integrity checks.

### Granular Access Control

Prevent unauthorized account compromise via granular role-based access controls and credentials, including MFA and TOTP protection for user logins.

## COST OPTIMIZATION

### Direct write to lower-tier S3 storage

Write backup data directly to lower-cost S3 storage, bypassing the need to store snapshot copies in more expensive primary storage tiers.

### Identify and remove redundant, obsolete, and trivial (ROT) data

Identify ROT data for exclusion from storage and backup operations to reduce backup window and storage footprint.

### Compression

Take advantage of Rubrik's proprietary compression algorithm to gain storage efficiency to lower the costs of backups stored.

## TEST YOUR DISASTER RECOVERY READINESS

Eliminate manual, guesswork for testing if every team can recover their workloads, databases, and applications. Rubrik's GraphQL APIs enable automation of the entire recovery testing process across mounting, validation, and de-provisioning.

## SECURE THE AWS CLOUD JOURNEY



### Protect in the Cloud

Withstand cyberattacks by maintaining reliable, clean copies of AWS data with native, immutable snapshots.



### Replicate in the Cloud

Strengthen cyber resilience by replicating data across clouds, edge locations, and data centers.



### Archive to the Cloud

Reduce storage costs with secure archiving and storage tiering, while retaining access via predictive search.



### Test Recovery in the Cloud

Perform cloud recovery and on-demand dev/test by instantiating on-prem apps and workloads in the AWS cloud.



Rubrik allows us to centrally manage our infrastructure with a single pane of glass, so that we can identify problem areas instantly and continue to be agile.

Vasu Gorantla  
Data Protection Systems Administrator



#### Global HQ

3495 Deer Creek Road  
Palo Alto, CA 94304  
United States

1-844-4RUBRIK  
inquiries@rubrik.com  
[www.rubrik.com](https://www.rubrik.com)

Rubrik (NYSE: RBRK) is on a mission to secure the world's data. With Zero Trust Data Security™, we help organizations achieve business resilience against cyberattacks, malicious insiders, and operational disruptions. Rubrik Security Cloud, powered by machine learning, secures data across enterprise, cloud, and SaaS applications. We help organizations uphold data integrity, deliver data availability that withstands adverse conditions, continuously monitor data risks and threats, and restore businesses with their data when infrastructure is attacked.

For more information please visit [www.rubrik.com](https://www.rubrik.com) and follow @rubrikinc on X (formerly Twitter) and Rubrik on LinkedIn. Rubrik is a registered trademark of Rubrik, Inc. All company names, product names, and other such names in this document are registered trademarks or trademarks of the relevant company.