



# Rubrik Security Cloud for Nutanix

Complete cyber resilience delivered for your Nutanix environments

Virtual environments are increasingly becoming a prime target for hackers, posing significant risks to organizations' data within hypervisor environments. Compounding this risk, hackers are also targeting backup data. Relying on legacy backup solutions is no longer sufficient to protect your business and ensure its continuity. Legacy backup solutions often lack critical security features and are not designed to protect against modern cyber threats. To achieve true cyber resilience, a new approach is needed—one that safeguards your virtual workloads and enables threat detection and rapid recovery from attacks.

Rubrik Security Cloud, built with a zero trust design and powered by machine learning, delivers complete cyber protection in a single platform for Nutanix environments, including the Nutanix AHV hypervisor, Nutanix Cloud Clusters (NC2), and the Nutanix Files Storage and Nutanix Objects Storage solutions. With Rubrik Security Cloud, organizations can protect their Nutanix environments with air-gapped, immutable, access-controlled backups, continuously monitor data risks including ransomware, data destruction, and indicators of compromise, identify and monitor sensitive data exposure, and quickly recover VMs and applications.

## KEY BENEFITS

### Secure your data from threats

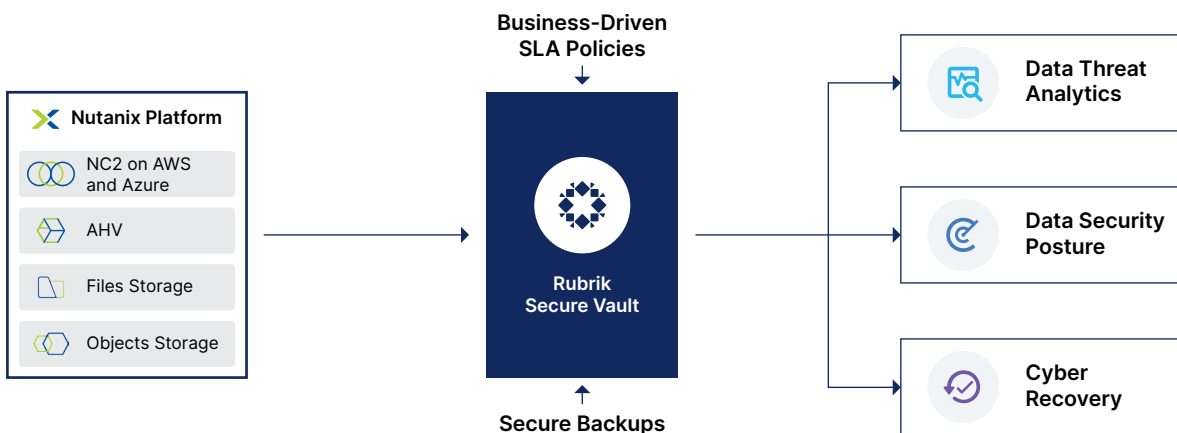
Rubrik Secure Vault ensures the safety and availability of data within Nutanix environments. This includes a single global protection policy, extending across enterprise, cloud, and SaaS workloads. Rubrik Secure Vault also utilizes a logical air gap, ensuring that backups are shielded from attack over the network. Furthermore, immutability, enforced multi-factor authentication and retention lock features are also included to ensure backups are protected at all times against any modifications or deletions, either by accident or malicious intent.

### Monitor and remediate data risks

Rubrik implements multi-phased, adaptive machine learning intelligence to detect anomalous activity and encryption, along with comprehensive model training that utilizes simulations and real-world attacks to ensure high-confidence alerting. Rubrik also offers sensitive data monitoring to discover potential sensitive data exposure, and user intelligence features to restrict access to sensitive data efficiently. Additionally, Rubrik also provides threat hunting functionality that scans backups using file patterns, file hashes, and YARA rules, as well as threat monitoring to automatically identify threat indicators within backups.

### Rapidly recover your data

Rubrik provides seamless point-in-time restore capabilities for Nutanix environments, allowing users to perform restores in a single operation. Additionally, Rubrik's Live Mount functionality enables near-zero Recovery Time Objectives (RTOs) by directly mounting Virtual Machines and Virtual Machine disks. With Rubrik's Granular File-Level Recovery, users can easily search and recover files and folders globally. Furthermore, Rubrik empowers users with mass recovery, allowing them to recover hundreds of VMs in bulk or restore tens of thousands of files to a clean state within minutes.



## CAPABILITIES

### Simplified Management, Monitoring, and Reporting

- Auto-discovery of all virtual machines within Nutanix AHV environments, lowering operational overhead.
- Auto-inheritance of policies. Simply assign SLA policies to Nutanix Prism Central instances, Nutanix Prism Central categories, or Nutanix Prism Element clusters; all virtual machines inherit the policy.
- Centralized management of data protection for virtual machines, irrespective of whether they reside in Cloud (NC2) or On-Premises.
- Real-time reporting of failures, backups, object protection status, compliance, and infrastructure capacity across on-prem and cloud environments.

### Optimized Data Protection and Security

- Incremental-forever backups using change region tracking dramatically reduce local storage requirements and improve backup times.
- Application-consistent backups ensure backups are taken while an application is in a consistent state, enabling graceful application recovery.
- Parallel streaming for rapid data ingest reduces backup times and provides scalability for even the largest enterprises.
- Local, remote retention and cloud archiving to meet regulatory requirements, reduce costs, and provide optimal recovery performance.
- Natively enforced multi-factor authentication, temporary one time passwords, retention lock, and two person rules.
- Automation provides key integrations with provisioning, configuration management, and security tooling to automate protection, recovery, and incident response.

### Data Threat Analytics

- Continuous monitoring for threats, including ransomware, data destruction, and indicators of compromise.
- Detection of data deletions, modifications, and encryptions for optimal ransomware investigation.
- Automatic detection and identification of threat indicators in backups, enabling rapid response.
- Identification of new threats through targeted IOC searches and historical data analysis.
- Monitoring sensitive data exposure with intelligent risk monitoring, and user intelligence to maximize data security posture

### Expedited Recovery

- Detects malware in backups and recovers the last known clean copy of data.
- Supported recovery types:
  - **File-level recovery:** Allows for the restoration of individual files and folders from the desired point-in-time backup.
  - **Instant Recovery:** Utilizes the Rubrik platform as the underlying storage for the recovery to provide near-zero RTOs.
  - **Export:** Copies entire virtual machines or disks belonging to virtual machines and recovers these to new instances.
  - **Live Mount:** Utilizes the Rubrik platform as the underlying storage for the desired point-in-time, however the original instance remains untouched. Often used as a sandbox tool.
  - **Disk Mount:** Allows for the mounting of virtual machine disks directly on Rubrik, delivering near-zero RTOs.
  - **Mass Recovery:** Recovers VMs, apps, files, or users at scale.



#### Global HQ

3495 Deer Creek Road  
Palo Alto, CA 94304  
United States

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

Rubrik 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.

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