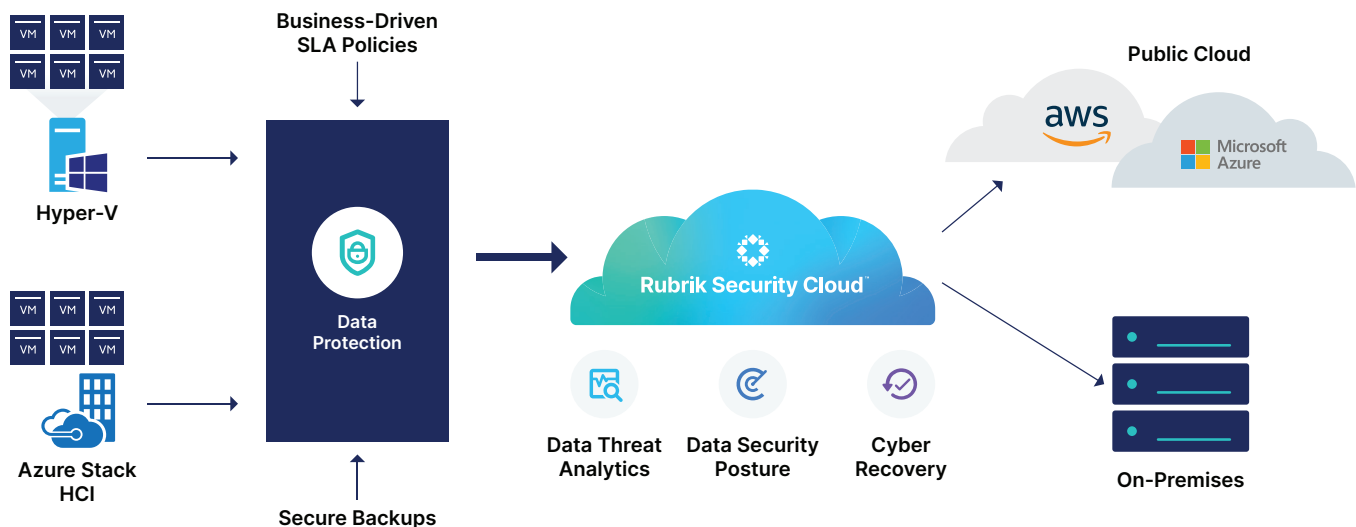


# Rubrik For Microsoft Hyper-V and Azure Stack HCI

Deliver complete data security for your Hyper-V and Azure Stack HCI environments

As cyberattacks continue to increase in frequency and sophistication, organizations face growing challenges in safeguarding their data within hypervisor environments. Despite large investments in infrastructure security tools, bad actors are finding their way through to the data. Many organizations still rely on legacy backup as their last-resort cybersecurity option. However, these systems often lack critical security features and are not designed to protect against modern cyber threats. It's time for a new approach – one that integrates the investments in infrastructure security with data security.

Rubrik Security Cloud, built with a zero trust design and powered by machine learning, delivers complete cyber protection in a single platform for virtual machines that are deployed in Microsoft Hyper-V and Azure Stack HCI environments. With Rubrik Security Cloud, organizations can protect their VMs 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 their VMs and applications.



## KEY BENEFITS

### Data Protection

Rubrik invokes the Windows Management Instrumentation (WMI) APIs to communicate with the hypervisor directly for a first full and forever incremental set of backups. Rubrik enforces data security strategies with automated discovery and policy-driven workflows. SLA policies can be applied anywhere in the hierarchy stack: the SCVMM host, the cluster, host, or virtual machine levels. These policies can be applied globally for backup frequency, retention, archival, and replication.

### Unified SaaS Control Plane

Rubrik offers a single unified management interface called Rubrik Security Cloud to manage data from on-premises, hybrid, and multi cloud repositories. Customers can protect their Hyper-V and on-premises Microsoft workloads and Azure cloud-native resources in a unified control plane and get insight into their critical data, regardless of its location.

### Zero Trust Design

Rubrik facilitates the creation of immutable backups, preventing any modifications or deletions. A logical air gap ensures that attackers will not be able to tamper with backups. Security capabilities such as enforced multi-factor authentication and retention lock are built directly into the platform to ensure data remains readily available and protected against both malicious and unintentional deletion.

## Data Threat Analytics and Data Security Posture

Rubrik continuously monitors for threats to Hyper-V and Azure Stack HCI VMs, including ransomware, data destruction, and indicators of compromise. Leveraging machine learning, it detects data deletions, modifications, and encryptions for optimal ransomware investigation. Rubrik Threat Monitoring automatically detects and identifies threat indicators in backups, enabling rapid response, while Rubrik Threat Hunting uncovers new threats through targeted IOC searches and historical data analysis. Rubrik also helps in identifying and monitoring sensitive data exposure with intelligent risk monitoring to maximize data security posture.

## Cyber Recovery

Rubrik provides multiple recovery methods to recover Hyper-V and Azure Stack HCI apps, virtual machines and users at scale to ensure rapid restoration of business operations. It enables the recovery of hundreds of VMs in bulk or tens of thousands of files to a clean state within minutes. Utilizing anomaly detection, Rubrik guides users in identifying VMs and applications infected by ransomware, and helps in recovering data from the most recent clean snapshot. This ensures safe recovery at the VM-level, application-level, and system-wide following a ransomware attack.

## CAPABILITIES

<b>Secure your data from threats</b>	<ul style="list-style-type: none"><li>• Designed using a zero trust security model from its inception.</li><li>• Single global protection policy across enterprise, cloud, and SaaS workloads.</li><li>• Uses a logical air gap, where backups are protected from attack over the network.</li><li>• Data is immutable from the moment it's written.</li><li>• Natively enforced multi-factor authentication, temporary one time passwords, retention lock, and two person rules to ensure data is safe from attacks.</li></ul>
<b>Monitor and remediate data risks</b>	<ul style="list-style-type: none"><li>• Multi-phased, adaptive machine learning intelligence to detect anomalous activity and encryption.</li><li>• Comprehensive model training using simulations and real-world attacks to ensure high-confidence alerting.</li><li>• Sensitive data monitoring to discover sensitive data exposure.</li><li>• Threat hunting to scan backups using file patterns, file hashes, and YARA rules.</li><li>• Threat monitoring to automatically identify threat indicators in backups</li><li>• User access analysis to limit access to sensitive data.</li></ul>
<b>Rapidly recover your data</b>	<ul style="list-style-type: none"><li>• Detect malware in backups and recover the last known good copy of data.</li><li>• Supported recoveries:<ul style="list-style-type: none"><li>» File-level recovery</li><li>» Live Mount</li><li>» Instant Recovery</li><li>» Export</li><li>» Disk Mount</li><li>» Mass Recovery</li><li>» In-Place Recovery (GA in June 2024)</li></ul></li></ul>

## Supported Versions

Please refer to the [compatibility matrix](#) to view the supported versions of Azure Stack HCI.



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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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