



# Cloud-Scale Data Protection Runs on Cisco UCS®

Recover in Seconds. Anywhere.

Rubrik Cloud Data Management delivers data protection, search, analytics, compliance, and copy data management on Cisco UCS® servers. With Rubrik, enterprises built on Cisco technology can deliver near-zero recovery times, accelerate application development, and unlock actionable insights on operational efficiency and compliance via custom reporting.

Unleash unprecedented simplicity from deployment to daily management, unlock immediate hard savings from software convergence, and accelerate business agility with a cloud-native architecture that can orchestrate data across the data center to cloud. Benefits include:

## MANAGEMENT SIMPLICITY

- **Rack-and-Go:** Get started in minutes and scale out linearly by adding UCS® servers one at a time. Rubrik auto-discovers your entire physical and virtual environment.
- **Automated Management:** Use a SLA policy engine to create and automate backup, replication, and archival policies with just a few clicks.
- **API-first Architecture:** Automate custom lifecycle management workflows that play well with third party services (i.e. Chef, Puppet, ServiceNow, VMware vRealize Automation).

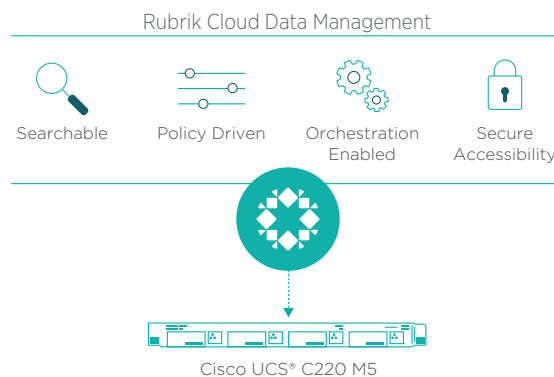
## RESILIENCY AND SAVINGS

- **Global Real-Time Search:** Search for VMs, databases, applications, or files just as you search on the web, with suggested search results as you type.
- **Instant Recovery:** Deliver near-zero RTOs by mounting directly onto Rubrik. No rehydration in production required.

- **Lower TCO:** Eliminate complexity of legacy multi-point solutions with a single platform. Shrink your data center footprint up to 70% and achieve 30-50% in hard savings immediately.

## FUTURE-PROOF ARCHITECTURE

- **Cloud Mobility:** Utilize lower-cost cloud storage for archival, while accessing data quickly with predictive search. Protect and manage data born in the cloud with the same interface.
- **Maximum Security and Access:** Avoid Ransomware jail with immutable backups. Encrypt your data at-rest or in-transit. Assign permissions to your data with role-based access control.
- **Unlimited Scale:** Grow as you grow by adding one UCS® server at a time to linearly scale capacity and performance. No forklift upgrades.



*Rubrik provides end-to-end data management for Cisco UCS® servers. Users can securely access data instantly, automate protection policies, and orchestrate data across multi-cloud environments.*

## USE CASES



**Backup and Instant Recovery:** Simplify backup and recovery for physical, virtual, and cloud environments. Stop wasting time managing backup jobs, and start automating backup policies. Take application-consistent snapshots (and eliminate VM stun effects) for your business-critical applications on-prem and in the cloud.



**Replication and DR:** Rubrik provides asynchronous, deduplicated replication for site-to-site recovery. One policy engine allows you to setup backup, replication, and archival schedules on-site or in the cloud. Deliver near-zero RTOs from any VM or SQL replica.



**Data Archival:** Unlock scalable and cost-effective data archival across hybrid cloud environments. Automate long-term data retention by setting policies in the same policy engine as your backup and replication schedules. Instantly access your archived data by searching a global index that catalogues all data, even if it's stored in the cloud.



**Application Testing and Development:** Accelerate application test and development by providing multiple copies to developers from just one “golden image.” Rubrik offers native linked cloning capabilities to allow any number of mounts to be created with no storage penalty. Users can provision as many copies to developers as needed within a sandbox environment. With Rubrik, enterprises can stand up, test, and tear down environments in minutes for SQL databases and virtualized environments.



**Smart Analytics & Reporting:** Deliver platform analytics across your hybrid cloud on data management, compliance, and capacity utilization with Rubrik Envision. Create and share rich data visualizations to unlock actionable insights at scale. Track whether backup, replication, and archival jobs are successful and meet the defined policy.



**Remote and Branch Offices:** Rubrik Edge is a software appliance that extends data protection and management to remote and branch offices. Deploy Edge at remote locations to backup locally, replicate to a central data center, and archive to the cloud with an easy-to-use interface.

## SUPPORTED ENVIRONMENT CONFIGURATIONS

Model	UCS® C220 M5 16TB Node	UCS® C220 M5 32TB Node	UCS® C220 M5 40TB Node
CPU	2x Intel Xeon Scalable Silver 4110 8-Core 2.1GHz	2x Intel Xeon Scalable Silver 4110 8-Core 2.1GHz	2x Intel Xeon Scalable Silver 4110 8-Core 2.1GHz
Memory	96GB	96GB	96GB
Storage and Cache	4 x 4TB HDD	4 x 8TB HDD	4 x 10TB HDD
	1 x 1.6TB NVMe SSD	1 x 1.6TB NVMe SSD	1 x 1.6TB NVMe SSD
Minimum Cluster Capacity (4 nodes)	64TB	128TB	160TB
Network Connections	2 x 1GbE management port Dual-Port x 10Gb SFP+	2 x 1GbE management port Dual-Port x 10Gb SFP+	2 x 1GbE management port Dual-Port x 10Gb SFP+
Software Encryption	Trusted Platform Module 1.2	Trusted Platform Module 1.2	Trusted Platform Module 1.2

Note: Initial cluster for Rubrik on UCS® requires a minimum of 4 homogeneous nodes. Specifications above indicated per Cisco UCS® appliance. Please contact your Rubrik representative for the entire UCS® bill of materials.



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Rubrik, the Multi-Cloud Data Control™ Company, enables enterprises to maximize value from data that is increasingly fragmented across data centers and clouds. Rubrik delivers a single, policy-driven platform for data recovery, governance, compliance, and cloud mobility. For more information, visit [www.rubrik.com](http://www.rubrik.com) and follow @rubrikInc on Twitter. © 2019 Rubrik. Rubrik is a registered trademark of Rubrik, Inc. Other marks may be trademarks of their respective owners.

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