

# Cloud-Scale Data Protection on Cisco UCS®

Unified computing and data protection for the enterprise.

Enterprises are transforming to meet the changing needs of their business, but this has created new challenges for IT organizations. Agility, flexibility, and orchestration of resources at scale across the edge, public, and private cloud environments are crucial to the future success of today's enterprise. Together, Cisco and Rubrik deliver the unified computing and data protection capabilities enterprises need to meet the demands for increased development agility and management of distributed environments.

Rubrik Cloud Data Management delivers a single platform for data protection, search, analytics, compliance, and self-service clones on Cisco UCS® servers. Enterprises built on Cisco technology can now deploy Rubrik on Cisco UCS® servers to deliver near-zero recovery times, accelerate application development, and unlock actionable insights into operational performance and compliance via custom reporting.

## RUBRIK & CISCO, BETTER TOGETHER

### KEY BENEFITS



#### MANAGEMENT SIMPLICITY

**Rack-and-Go:** Get started in minutes and scale out linearly by adding UCS® servers one at a time as you need them. 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 Cisco UCS® servers. No rehydration in production required.

**Lower TCO:** Unify compute, network, and storage infrastructure and eliminate the complexity of legacy multi-point backup solutions with a single platform. Shrink your data center footprint up to 70% and achieve 30-50% in hard savings immediately.



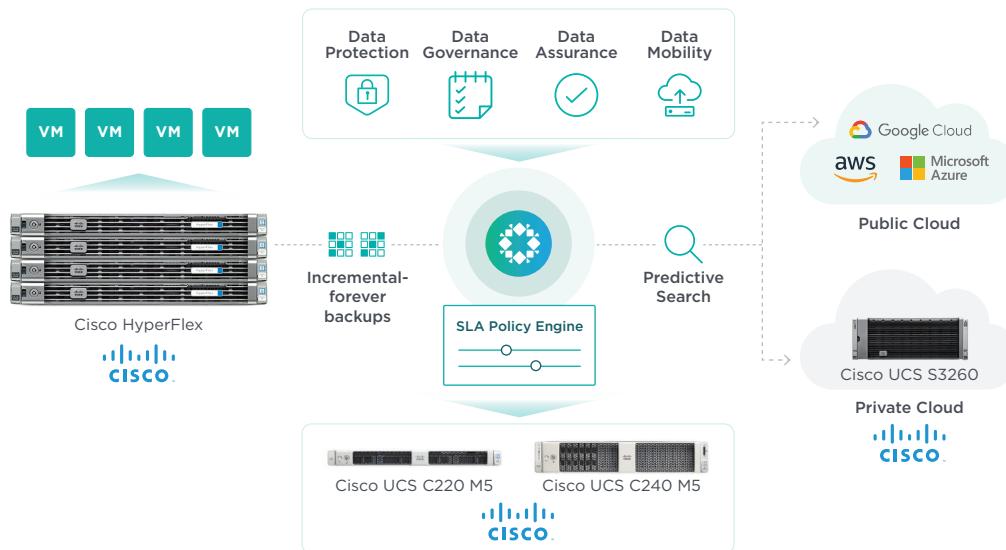
#### FUTURE-PROOF ARCHITECTURE

**Data Mobility:** Orchestrate data archival to Cisco UCS S3260 or cloud storage, 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 go by adding one UCS® server at a time to linearly scale capacity and performance. No forklift upgrades.

## HOW RUBRIK AND CISCO WORK TOGETHER



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.

## SUPPORTED ENVIRONMENT CONFIGURATIONS

Model	UCS C220 M5	UCS C240 M5
CPU	2 x Intel 10-Core 2.2GHz Xeon Silver 4210	2 x Intel 16-Core 2.3GHz Xeon Gold 5218
Memory	96GB	384GB
Storage and Cache	4 x 4TB HDD 4 x 8TB HDD 4 x 10TB HDD	12 x 4TB HDD 12 x 8TB HDD 12 x 14TB HDD
	1 x 1.6TB NVMe SSD	1 x 1.6TB NVMe SSD
Node Capacity: Raw/Usable TB	16TB / 10TB 32TB / 20TB 40TB / 25TB	48TB / 30TB 96TB / 60TB 168TB / 105TB
Minimum Cluster Capacity: Raw/Usable TB	64TB / 40TB 128TB / 80TB 160TB / 100TB	192TB / 120TB 384TB / 240TB 672TB / 420TB
Network Connections	Cisco UCS VIC 1455 Quad Port 10/25G SFP28	Cisco UCS VIC 1455 Quad Port 10/25G SFP28
Software Encryption	Trusted Platform Module 1.2	Trusted Platform Module 1.2

Note: Initial cluster for Rubrik on Cisco UCS® requires a minimum of 4 of the same node (i.e., servers). For orderable SKUs, please refer to the Rubrik solution IDs in the Cisco Commerce Workspace.

## ABOUT CISCO

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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](https://www.rubrik.com) and follow @rubrikInc on Twitter. © 2020 Rubrik. Rubrik is a registered trademark of Rubrik, Inc. Other marks may be trademarks of their respective owners.