rubrik

Cloud-Scale Data Protection Runs on HPE ProLiant®

Recover in Seconds. Anywhere.

HPE and Rubrik have worked together to validate the deployment of Rubrik Cloud Data Management (RCDM) software onto HPE ProLiant® server platforms. With Rubrik, enterprises built on HPE 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 datacenter to cloud. Benefits include:

MANAGEMENT SIMPLICITY

- **Rack-and-Go**: Get started in minutes and scale out linearly by adding HPE ProLiant® 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 80% and achieve 30-50% in hard savings immediately.
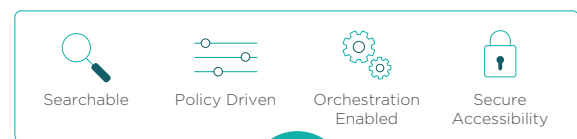
FUTURE-PROOF ARCHITECTURE

- **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 go by adding one HPE ProLiant® server at a time to linearly scale capacity and performance. No forklift upgrades.

Hewlett Packard
Enterprise

OEM Partner

Rubrik is a HPE Virtual OEM Partner, providing end-to-end data management for HPE ProLiant® servers.

Rubrik Cloud Data Management

Searchable   Policy Driven   Orchestration Enabled   Secure Accessibility

HPE ProLiant® DL360 / DL380

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 an unlimited number of clones to developers without storage penalty. With Rubrik, enterprises can stand up, test, and tear down environments in minutes for SQL databases, Oracle 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

Rubrik and HPE have collaborated to create OEM SKUs for the HPE DL360 & DL380 in the following configurations:

Model	HPE DL360 Gen10	HPE DL380 Gen10
CPU	2 x Intel 8-Core 2.1GHz Xeon Silver 4208	2 x Intel 16-Core 2.3GHz Xeon Gold 5218
Memory	96GB	384GB
Storage and Cache	4 x 8TB HDD 4 x 14TB HDD	12 x 4TB HDD 12 x 8TB HDD 12 x 16TB HDD
	1 x 960GB SSD	1 x 1.6TB NVMe SSD
Node Capacity: Raw/Usable TB	32TB / 20TB 56TB / 35TB	48TB / 30TB 96TB / 60TB 192TB / 120TB
Minimum Cluster Capacity: Raw/Usable TB	128TB / 80TB 224TB / 140TB	192 TB / 120TB 384 TB / 240TB 768 TB / 480TB
Network Connections	Dual Port x 10Gb SFP+ or 10Base-T	Dual Port x 10/25Gb SFP28
Software Encryption	Trusted Platform Module 1.2	Trusted Platform Module 1.2

Note: Initial cluster for Rubrik on HPE requires a minimum of 4 of the same nodes (i.e., servers). For orderable SKUs, please contact your Rubrik representative.

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