Rubrik Alta 4.2
Extending Leadership in the Enterprise Hybrid Cloud

Enterprises have fully embraced the hybrid cloud, blending private cloud, public cloud, and traditional data center infrastructure. With Rubrik Alta 4.2, those same enterprises can simplify data management across their new hybrid cloud infrastructure, protecting cloud-native, virtualized, and traditional workloads with one data control plane. Whether they are building on AWS or building on Solaris, users get the same Rubrik experience – built on simplicity, automation, and scale-out architecture.

KEY VALUE PROPOSITIONS
1. Protect apps born in the cloud leveraging native AWS technology: Rubrik automates EBS snapshot lifecycle management with one policy engine across on-prem to cloud. Rubrik uses native AWS EC2 APIs to deliver automated backup, fast file-level recovery, and cross-zone and cross-region recovery.

2. Build a secure private cloud to empower self-service for multiple tenants: For managed service providers and large enterprises, Rubrik’s vCloud Director integration and Envoy allows organizations to create customized private cloud offerings, easily share resources, and deliver backup-as-a-service to co-hosted tenants.

3. Simple data management for enterprise data center workloads: Enterprises can now extend Rubrik’s powerful automation and management ease to traditional IBM AIX and Oracle Solaris workloads, helping organizations skip a generation and migrate legacy data to their cloud of choice.

DEEP DIVE: PUBLIC CLOUD
AWS Native Protection: Rubrik now supports AWS EC2 instance protection using native EC2 API calls and Elastic Block Storage snapshots. Benefits include:

• **Automated Backup:** Use one policy engine to automate snapshot lifecycle management, from creation to expiration.

• **Fast File-level Recovery:** Eliminate manual scripting by quickly finding and recovering snapshots or files with predictive search.

• **Cross-region and Cross-zone Recovery:** Instantiate a replica of any EC2 instance in another Availability Zone or Region with just a few clicks.
DEEP DIVE: MSP & PRIVATE CLOUD

- **VMware vCloud Director**: Managed service providers can securely protect virtual data centers (VDCs) for multiple tenants. Typical use cases include protecting native vCloud components, such as Organizations and vApps, and enabling self-service restores of an entire vApp or a subset of VMs.

- **Envoy**: Rubrik introduces Envoy, an agentless virtual appliance deployed on the tenant's network, to ensure that tenant VMs are protected in an app-consistent manner while maintaining secure, isolated networks. As a result, managed service providers can offer backup-as-a-service to co-hosted tenants while enabling self-service SLA management and recovery.

DEEP DIVE: TRADITIONAL DATA CENTER

- **AIX and Solaris Support**: Rubrik extends policy-based management, incremental-forever backups, and secure cloud archival to UNIX workloads. For AIX admins, this includes cross-compatible migrations with Linux, making it possible to recover or export AIX application data to a Linux host (or vice versa).

- **Higher Performance for NAS**: Rubrik improves backup performance for NAS with vendor-native integration for NetApp and Dell EMC Isilon APIs and native SMB scans. This enhancement to SMB scan operations provides a 10x improvement in performance.

- **Windows Full Volume Protection**: Customers can perform volume-based backup and recovery of entire drives on Windows servers. Use cases include physical to virtual server migration, Azure Stack support, and cloud-to-cloud migration.

CUSTOMERS USE RUBRIK TO REDEFINE CLOUD DATA MANAGEMENT SERVICES

“Rubrik’s scalable platform and highly reliable solution helps us ensure that our secure managed private cloud is supported by seamless disaster recovery for our users across the globe. Rubrik’s latest release shows its continued commitment to provide innovative offerings for managed service providers.”

**Arash Marzban**
Director of Product Management
Armor

“We’re advocates of the modern Rubrik approach across our physical and virtual environments. With Rubrik Alta 4.2, we’re excited to see the platform extend even deeper into the data center, further revolutionizing our approach to backing up our data.”

**Kevin Mortimer**
Infrastructure Services Manager
University of Reading