Bring Your Own Cloud
Object Storage for Archival

Unlock public or private cloud as a scalable, efficient archival target that can be easily managed and accessed. Automate long term data retention to your object storage with the same policy engine that executes 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.

SIMPLE TO SETUP

Designed around the principle of simplicity, customers can easily set up object store archival locations with minimal disruption to allow for efficient scalability and resource management. Users access the simple UI interface to set up a target archival location, and the SLA policy manager takes care of the rest of the process. If users need to expand their archival target, Rubrik automatically takes advantage of the additional space to continue the archival process.

EASILY MANAGE ARCHIVAL LOCATIONS

Once users have set up their active archival location, they can use the same interface to modify and update if there are any changes to their archival services. Users can have insight into the efficiency, performance and usage of their archival services and ensure that their SLA requirements are being met effectively from one single screen.

CLOUD ARCHIVAL STORAGE OPTIONS

Object storage allows customers to store unstructured data in a non database or file hierarchy form. Objects contain information about the core data and all of its attributes. These are then held together and stored across one or multiple buckets depending on the object storage solution in place. Many vendors distribute objects across multiple buckets to improve the accessibility and read performance of the data. Rubrik adds the ability to shard data across multiple buckets so customers can automatically ensure the data is stored in multiple buckets rather than just a single one. See *Environment Support* for supported object storage solutions.

EASY ACCESS WITH GLOBAL SEARCH

Users can easily access the current active archive location as well as previous archives for quick data recovery using Rubrik's global search capability. Because the data is fully deduplicated and indexed before being archived, Rubrik can retrieve exactly what the user needs to recover, whether it is a specific file, folder, VM or application.

SECURE AT THE TOUCH OF A BUTTON

Rubrik encrypts all data that is archived before it leaves the Rubrik appliance. Rubrik leverages client-side encryption libraries provided by both AWS Java SDK and Azure Java SDK.

All archived data undergoes envelope encryption. User data is encrypted with a 256-bit symmetric AES key, which is then wrapped with a user provided 2048-bit RSA key.

WHAT'S NEW

- **Physical Microsoft SQL Servers:** Automate data protection for Microsoft SQL server with a single SLA policy engine. Deliver app-consistent, incremental forever, and point-in-time recovery (PITR) with intelligent log management.

- **Physical Linux Servers:** Deliver easy protection for physical Linux servers with policy-driven, incremental forever data management while providing global predictive search for instant access to file versions across clouds.

- **Remote and Branch Offices:** Extend backup and recovery to your edge environments with Rubrik Edge. Delivered as a software appliance, Rubrik Edge retains the hallmark simplicity while providing complete data protection to remote and branch offices.

> "With Rubrik, we're able to index the data that we offload to object storage. We can intelligently search and extract data when needed vs. restoring the entire data set. This unlocks more cost-effective archival services for our customers."
>
> Jason Klein, Chief Technology Officer at Leeward Business Advisors

DON'T BACKUP. GO FORWARD.

Want to see more? Contact inquiries@rubrik.com for a 15-minute demo. Visit www.rubrik.com and follow @rubrikInc on Twitter.

ENVIRONMENT SUPPORT

Managed Environments

- **Virtualization:** VMware vSphere 5.1, 5.5, 6.0, 6.5 (VMs can run all operating systems and applications supported by VMware), Microsoft Hyper-V 2008R2+ (via connectors), 2016+ (native support using WMI and RCT), Nutanix AHV 5.1+

- **Storage Protocols:** NFS, iSCSI, and internal/external local storage devices supported by AHV, ESXi, and Hyper-V

- **Network Attached Storage (NAS):** SMB and NFS supported

- **Pure Storage:** All Purity FlashArray OE running 4.0 or higher

OS & Applications

- Physical/Virtualized Linux RHEL 5/6/7, CentOS 5/6/7, Oracle Linux 5/6/7, Debian Linux 8+, SUSE 11 SP4

- Physical/Virtualized Windows 2008 R2, Windows 2012 and 2012 R2, Windows 2016

- Physical/Virtualized Microsoft SQL Server 2008/2008 R2/2012/2014/2016 running on Windows 2008 R2/2012/2012 R2/2016

- Oracle Database 12c R1 (12.1.0), 11g R2 (11.2.0), and 10g R2 - ASM & RAC Supported

- Application-aware backup and recovery is available through Microsoft VSS integration for Microsoft Windows 2012/2008 R2, Microsoft Exchange Server 2010/2013, Microsoft SharePoint 2013, Microsoft SQL Server 2008/2008 R2/2012/2014, Microsoft Active Directory in Windows Server 2012/2008 R2

Archival Locations

- **Public Cloud:** Amazon Web Services S3, S3-IA, S3-RRS and Glacier; Microsoft Azure Blob Storage LRS, ZRS and GRS; Google Cloud Platform Nearline, Coldline, Multi-Regional and Regional. Includes support for Government Cloud Options in AWS and Azure

- **Private Cloud (S3 Object Store):** Basho Riak, Cleversafe, Cloudian, EMC ECS, Hitachi Content Platform, IIJ GIO, Red Hat Ceph, Scality

- **NFS:** Any NFS v3 Compliant Target

- **Tape:** All Major Tape Vendors

rubrik

Rubrik delivers instant application availability to hybrid cloud enterprises for recovery, search, cloud, and development. By using the market-leading Cloud Data Management platform to provide instant access with self-service, customers mobilize applications, automate protection policies, recover from Ransomware, search and analyze application data at scale on one platform. From days to seconds.

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