

Replication for Disaster Recovery

Recover Anywhere

AUTOMATED REPLICATION FOR PHYSICAL AND VIRTUAL ENVIRONMENTS FOR INSTANT RECOVERY

Rubrik provides asynchronous, deduplicated replication for physical and virtualized environments to orchestrate data across data centers and public clouds. Use one policy engine to setup backup, replication, and archival schedules on-site or in the cloud. Accumulate more recovery points for all your applications. Instantly recover anywhere at no additional licensing cost. Achieve near-zero RTOs from any VM replica without rehydration or additional storage provisioning. Deliver point-in-time recoveries for intelligent log management. Replicate in a multi-cloud environment with cloud-to-cloud, cloud to on-prem, and on-prem to cloud replication to orchestrate data across the data center and clouds.



INSTANT RECOVERY

Recover instantly from any VM replica without rehydrating data to another endpoint.



POLICY AUTOMATION

Define backup and replication policies for your physical and virtualized applications, all in one policy engine.



INCREASED SAVINGS

Save on network costs with global deduplication that scales out to the full fabric.

REPLICATE

- **Backup-based Replication:** Deliver efficient data operations with WAN-optimized replication that does not impact production workloads.
- **Scale-out Deduplication:** Maximize storage efficiency with global deduplication across one infinitely scalable cluster.
- **Deployment Flexibility:** Configure a multi-way or bi-directional replication topology
- **Replication for Multi-Clouds:** Deliver replication within a multi-cloud environment (heterogeneous cloud providers or different regions under same cloud provider). Bi-directional replication also available from cloud to an on-premises Rubrik cluster.
- **End-to-End Encryption:** Data is secured with FIPS 140-2 Level 2 certified self-encrypting drives (SED) or with software-based encryption from the source to target location whether at-rest or in-transit.

MANAGE

- **Policy-Driven Automation:** Define replication policies with just a slider and assign these policies to VMs and physical databases and applications. Customize for desired RPOs and retention values to meet near-continuous data protection or long-term off-site archival needs.

- **Unified Console:** Manage all your data through a HTML5-based and responsive interface.
- **Compliance Reporting and Alerts:** Monitor replication task status, track replication policy compliance, and receive proactive notifications for errors and warnings.
- **Instant Non-Disruptive Testing:** Mount replicas directly on Rubrik for recovery tests without impacting on-going replication or production.

RECOVER

- **Global Real-Time Search:** Instantly search for files across all snapshots with suggested search results as you type.
- **Instant Off-Site Recovery:** Instantly recover VMs and files by mounting files directly on Rubrik. Recover instantly from any replica without data restoration to another endpoint.
- **Point-in-Time Recovery for SQL:** Recover the relevant point-in-time snapshot and apply transaction logs to restore back to the desired point for SQL databases.
- **Object-Level Recovery:** Deliver object-level restores for Microsoft environments (such as MS SQL tables, mailbox and emails for MS Exchange, and MS Sharepoint objects and sites) without a database rollback or restore.

DATA MANAGEMENT BUILT FOR ANY SOURCE, ANY LOCATION



VMware vSphere: Manage virtualized environments with a policy-based SLA engine. Instantly recover VMs by mounting directly onto Rubrik without provisioning additional storage.



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 with intelligent log management.



Physical Linux, Windows, and NAS: Easily protect physical Linux, Windows, and NAS with policy-driven, incremental forever data management. Instantly access file versions across clouds with global predictive search.



Remote and Branch Offices: Extend backup and recovery to the edge with Rubrik Edge, a software appliance. Provide complete data protection to remote and branch offices with management simplicity.



Rubrik Software in the Cloud: Elevate Cloud Data Management to the cloud to protect cloud-native applications. Encapsulate all cloud data with rich services – policy, automation, security, search, and more.

CUSTOMERS USE RUBRIK TO AUTOMATE REPLICATION AND DR

“We’re using Rubrik to bring our replication times much closer to reality.”



Misha Vyazmensky, CTO,
ExponentHR

“We have confidence in restoring quickly, in the replication process, and in deduplication operating efficiently.”



Todd Shutts, Senior Vice President,
Balance Innovations

ENVIRONMENT SUPPORT

OS & Applications

- Physical/Virtualized Linux RHEL 5/6/7, CentOS 5/6/7, Oracle Linux 5/6/7, and 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 with Windows 2008 R2/2012/2012 R2
- 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, Oracle Database 12c R1 and 11g R2

Managed Environments

- **Virtualization:** VMware vSphere 5.1, 5.5, 6.0, 6.5 (VMs can run all operating systems and applications supported by VMware)
- **Storage protocols:** NFS, iSCSI, and internal/external local storage devices supported by ESXi
- **Network Attached Storage (NAS):** SMB and NFS supported

Archival Locations

- **Public Cloud:** Amazon S3/S3-IA/S3-RRS, Microsoft Azure Blob Storage (LRS, ZRS, GRS) - Including Government Cloud options
- **Object Store:** Basho Riak, Cleversafe, Cloudian, EMC ECS, Hitachi Content Platform, I1J GIO, Scality

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](https://twitter.com/rubrikInc) on Twitter.



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Rubrik provides the industry's leading Cloud Data Management platform to accelerate how enterprises protect, manage, and secure data everywhere. Fortune 500 companies trust Rubrik's single platform to deliver data protection, search and analytics, archiving and compliance, and copy data management to deliver instant data access, cut TCO in half, and slash daily management time down to minutes.

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