

Replication & Disaster Recovery

Recover Instantly. Leverage the Cloud for Disaster Recovery.

As you look to implement a stronger business continuity and disaster recovery strategy, Rubrik delivers a single software solution for data protection, replication, disaster recovery, and application migration across your hybrid cloud environment. With Rubrik, you can eliminate secondary DR site spending and leverage the agility and pay-as-you-go economics of public cloud. Rubrik delivers policy-based management, non-disruptive testing and automated orchestration of recovery plans to the cloud for minimal risk and costs.



INSTANT RECOVERY

Recover instantly from any VM, SQL, or Oracle replica without provisioning additional storage.



DISASTER RECOVERY TO CLOUD

Automate non-disruptive failover testing or application migration to public cloud to mitigate risk and meet compliance.



LOWER TCO

Save on upfront costs, time, and resources of secondary DR sites by migrating applications to the cloud.

REPLICATE

- **Backup-Based Replication:** Deliver efficient data mobility with WAN-optimized replication that does not impact production workloads.
- **Scale-Out Deduplication:** Maximize storage efficiency with deduplication across one infinitely scalable cluster.
- **Deployment Flexibility:** Deliver cloud-to-cloud, cloud to on-prem, and on-prem to cloud replication.
- **End-to-End Encryption:** Data is secured with certified hardware or with software-based encryption. All data is encrypted at-rest or in-transit, on-premises or in the cloud.

MANAGE

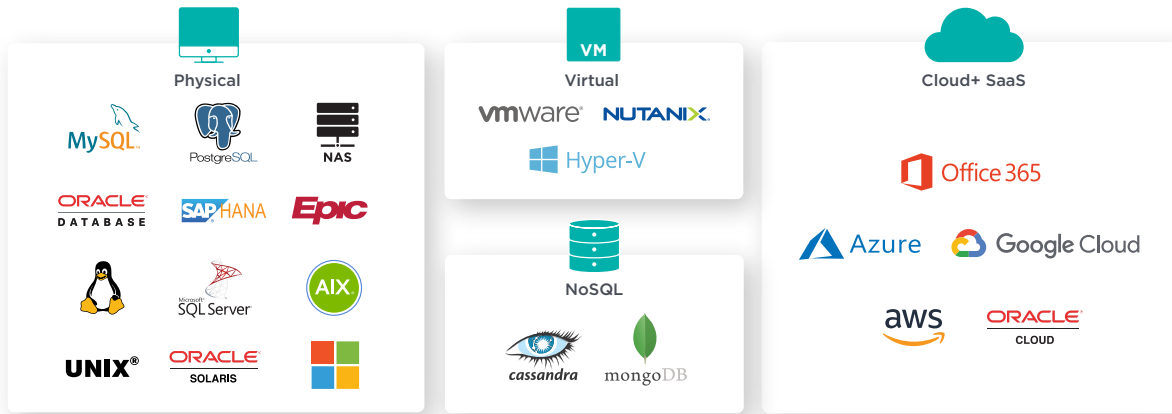
- **Policy-Based Management:** Click to assign SLA policies to your physical and virtual applications. Just select desired snapshot capture frequency, retention duration, and desired location.
- **Unified Console:** Manage all your data through one HTML5-based and responsive interface.
- **Compliance Reporting and Alerts:** Monitor replication task or DR failover status, track replication policy compliance, and receive proactive notifications for errors and warnings.
- **Instant Non-Disruptive Testing:** Mount VM, SQL, or Oracle replicas directly on Rubrik for recovery tests without impacting on-going replication or production.

RECOVER

- **Disaster Recovery to the Cloud:** Group all VMs within a recovery group and assign priorities and a SLA policy. Rubrik performs automated DR failover testing to public cloud without disrupting production environments.
- **Automated Orchestration Workflows:** Rubrik automatically configures networking, storage, and boot ordering for recovery to AWS and recommends an EC2 instance type based on VM details. Rubrik supports post-recovery scripts for further automation and customization.
- **Cloud Instantiation:** Rubrik automates the conversion of application data into compute instances via policies or on-demand for faster recoveries and lower costs.
- **Instant Off-Site Recovery:** Instantly recover VMs, SQL, and Oracle databases by mounting files directly on Rubrik. Apply transaction logs to restore back to the desired point-in-time.
- **Bare Metal Recovery:** In the event of a disaster, deliver full system recovery for physical Windows servers and easily migrate to any hypervisor or cloud instance. Quickly restore in-place with the operating system and critical data intact.
- **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.
- **Global Real-Time Search:** Instantly search for files across all snapshots with suggested search results as you type.

BEST-IN-CLASS DATA MANAGEMENT FOR APPLICATIONS

Designed to be vendor-agnostic from Day. Supports industry-leading applications, operating systems, databases, hypervisors, clouds, and SaaS applications.



“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

Managed Environments

- **Virtualization:** VMware vSphere 5.5, 6.0, 6.5, 6.7 (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 5.1.1.x, 5.5.x, 5.6.x, 5.8.x
- **Storage Protocols:** NFS, Secure SMB, iSCSI, and internal/external local storage devices supported by AHV, ESXi, and Hyper-V
- **Network Attached Storage (NAS) Protocols:** SMBv1,2,3 and NFSv1-4 supported
- **Pure Storage:** All Purity FlashArray OE running 4.0 or higher
- **Elastic App Service (Managed Volumes):** NFS, Secure SMB

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 AIX (PowerPC) 6.1, 7.1, 7.2
- Physical/Virtualized Solaris (SPARC) 11
- Physical/Virtualized Windows 2008 R2, Windows 2012 and 2012 R2, Windows 2016 Enterprise Edition
- 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 - (Standalone, RAC and ASM configurations supported)
- SAP HANA 1.0 (SP 12), 2.0 (SP 02, 03)
- Backup and recovery is available through Microsoft VSS integration for Microsoft Windows 2012/2008 R2, Microsoft Exchange Server 2010/2016, Microsoft SharePoint 2013, Microsoft SQL Server 2008/2008 R2/2012/2014, Microsoft Active Directory in Windows Server 2012/2008 R2
- Epic Caché on AIX and Linux

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; Oracle Cloud Infrastructure Object Storage - Standard; Includes support for Government Cloud Options in AWS and Azure.
- **Private Cloud (S3 Object Store):** Basho Riak, Cleversafe, Cloudian, EMC ECS, Hitachi Content Platform, IJ GIO, Red Hat Ceph, Scalify
- **NFS:** Any NFS v3 Compliant Target
- **Tape:** All Major Tape Vendors (support via QStar)

* Please note all supported versions are available with Rubrik Andes 5.0



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Rubrik delivers a single platform to manage and protect data in the cloud, at the edge, and on-premises. Enterprises choose Rubrik’s Cloud Data Management software to simplify backup and recovery, accelerate cloud adoption, and enable automation at scale. As organizations of all sizes adopt cloud-first policies, they rely on Rubrik’s Polaris SaaS platform to unify data for security, governance, and compliance. For more information, visit www.rubrik.com and follow [@rubrikinc](https://twitter.com/rubrikinc) on Twitter.