rubrik

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 leverage the agility and pay-as-you-go economics of public cloud for DR.

INSTANT RECOVERY

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

CLOUD INSTANTIATION

Instantiate applications on public cloud with on-demand, automated VM conversion to Amazon EC2 and Azure VM.

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.
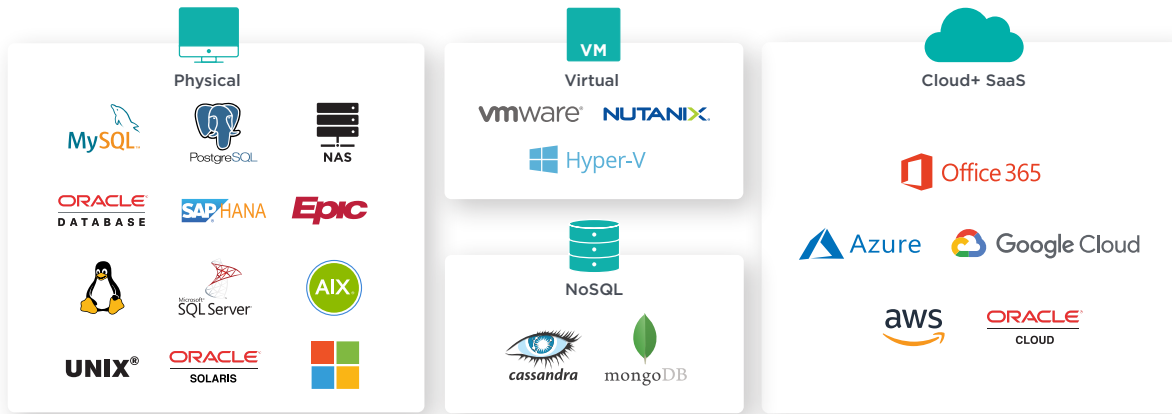
MANAGE

- **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

- **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.

Physical

MySQL · PostgreSQL · NAS · ORACLE DATABASE · SAP HANA · Epic · Linux · Microsoft SQL Server · AIX · UNIX® · ORACLE SOLARIS · Microsoft

Virtual

vmware · NUTANIX · Hyper-V

NoSQL

cassandra · mongoDB

Cloud+ SaaS

Office 365 · Azure · Google Cloud · aws · ORACLE CLOUD

"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, IIJ GIO, Red Hat Ceph, Scality
- **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, the Multi-Cloud Data Control™ Company, enables enterprises to maximize value from data that is increasingly fragmented across data centers and clouds. Rubrik delivers a single, policy-driven platform for data recovery, governance, compliance, and cloud mobility. For more information, visit www.rubrik.com and follow @rubrikInc on Twitter. © 2020 Rubrik. Rubrik is a registered trademark of Rubrik, Inc. Other marks may be trademarks of their respective owners.

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