# rubrik

# A Modern Approach to Backup & Recovery
## Deploy in Minutes. Search Anything. Recover Anywhere.

Rubrik simplifies backup and recovery for hybrid cloud environments. It eliminates legacy backup complexity by integrating data orchestration, catalog management, and continuous data protection into a single software platform. With Rubrik, enterprises can unlock cloud for long-term data retention or DR and deliver automation with an API-first software platform. Designed to be vendor-agnostic, Rubrik supports the leading operating systems, databases, hypervisors, clouds, and SaaS applications.

### NEAR-ZERO RPO & RTO
Avoid data loss and minimize downtime with continuous data protection and instant recovery.

### SIMPLE TO SCALE
Start small and leverage Rubrik's scale-out architecture to grow-as-you go without forklift upgrades.

### LOWER TCO
Deliver hard savings of up to 30-50% with the industry's slimmest footprint.

## PROTECT

- **Continuous Data Protection:** Rubrik enables a continuous stream of recovery points to minimize data loss in the event of a failure or ransomware attack. Enable near-zero RPOs with a single click.

- **Rapid Parallel Ingest:** Minimize impact to production and eliminate application stun for highly transactional applications. Rubrik ingests large volumes of data rapidly by maximizing the number of parallel data streams processed.

- **Scale-out Deduplication:** Maximize storage efficiency with global deduplication across one infinitely scalable cluster.

- **End-to-End Encryption:** Secure data with FIPS-certified hardware or software-based encryption. All data is encrypted at-rest and in-flight, whether it is on-premises or in the cloud.

- **Immutability for Ransomware:** Protect your backup data against Ransomware with native immutability.
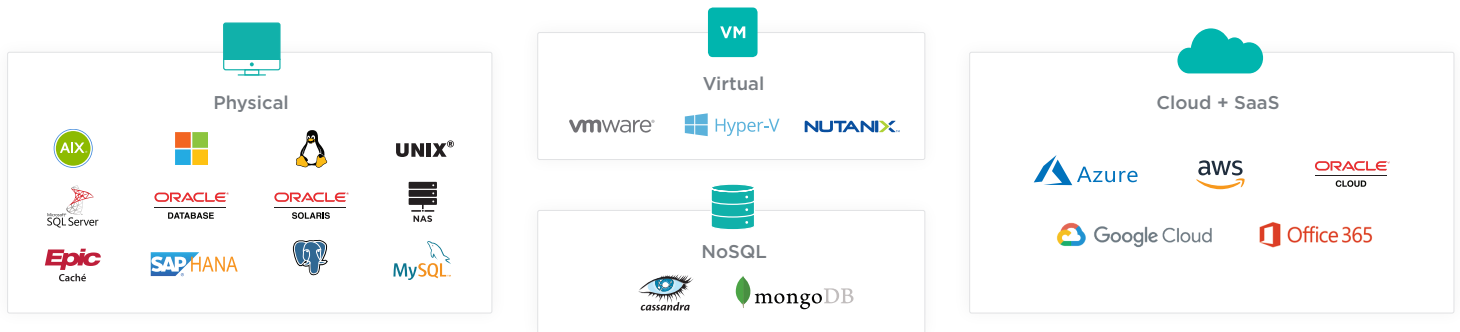
## MANAGE

- **Policy-based Management:** Click to assign SLA policies to your VMs, applications, and databases. 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:** Track SLA compliance, backup tasks, and system capacity. Get notified early on areas to troubleshoot.

- **Intelligent Log Management:** Automate log backups with policy-based management. Quickly recover from any point-in-time snapshots.

- **Cloud:** Use cloud for long-term data retention, test/dev, or DR. For applications running in the cloud, Rubrik offers cloud-native data protection.

- **Global Management:** Use Polaris GPS for centralized management of your distributed Rubrik environment to monitor global activity, analyze on-demand, and troubleshoot faster.

## RECOVER

- **Instant Recovery:** Quickly recover VMs, SQL, and Oracle databases by mounting directly onto Rubrik without additional storage provisioning.

- **Global Real-time Search:** Instantly search for applications and files across all snapshots stored on-prem or in the cloud with suggested search results as you type.

- **Point-in-Time Recovery:** Find and recover the relevant point-in-time snapshot. For SQL and Oracle databases, apply transaction logs to restore back to the desired point. For VMs, leverage a continuous stream of recovery points to recover to moments before a failure or ransomware attack.

- **Bare Metal Recovery:** In the event of a disaster, deliver full system recovery for Windows and migrate to any hypervisor or cloud instance. Quickly restore in-place with the operating system and critical data intact.

## BEST-IN-CLASS DATA MANAGEMENT FOR APPLICATIONS

**Physical**

AIX · Microsoft · Linux · UNIX®

Microsoft SQL Server · ORACLE DATABASE · ORACLE SOLARIS · NAS

Epic Caché · SAP HANA · PostgreSQL · MySQL

**Virtual**

VM

vmware · Hyper-V · NUTANIX.

**NoSQL**

cassandra · mongoDB

**Cloud + SaaS**

Azure · aws · ORACLE CLOUD

Google Cloud · Office 365

## DON'T BACKUP. GO FORWARD.

Visit www.rubrik.com and follow @rubrikInc on Twitter.

## 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 AOS 5.8.x, 5.9.x. 5.10

- **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) 10, 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 10g and higher – (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 Cache 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 5.1**

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