

Rubrik for Kubernetes

Organizations are embracing application modernization strategies and tools, like containerization, to deliver quality software faster and be better positioned to handle global disruptions and maintain a competitive edge. However, DevOps teams need to ensure security across all aspects of the application life cycle, and new technologies present unforeseen security challenges. Inability to adequately protect the application state, along with its data and dependencies, holds teams back on their objectives and they cannot benefit from rapid release cycles, faster bug fixes, and greater flexibility. To continue to evolve towards a more cloud-native and distributed application model, teams need to have application-centric protection for their containerized applications running on Kubernetes.

RUBRIK FOR KUBERNETES

Rubrik Security Cloud allows you to backup and recover the persistent volumes and Kubernetes objects associated with your application, so it is protected and can be restored from a desired point in time. Now you can have more power and control while accelerating your development cycles. Moreover, you get to protect, organize, and manage your Kubernetes environment from a global management console that also gives you visibility into your distributed deployments, workload performance, and SLA compliance.

KEY BENEFITS



ENSURE APPLICATIONS RESILIENCE

Apply policy-driven protection to maintain application state and data consistency with immutable backups of entire app, metadata, configuration, state and persistent data at the same point in time



MAINTAIN BUSINESS CONTINUITY

Quickly search and granularly recover to desired applications state and bring back all application components together



EMPOWER DevSecOps TEAMS

Enable self-service and integration with automation frameworks and CI/CD pipelines to support shift-left and enhance application performance

HOW IT WORKS

Rubrik for Kubernetes provides protection management of the Kubernetes applications and their persistent data. Simply connect Kubernetes cluster to Rubrik to enable protection management.

Once Rubrik backup service is deployed, you may assign an SLA policy of your choice to automate backup frequency, retention, replication and archival of namespace, label or controller level backups.

Data Source Settings

LINUX & UNIX HOSTS WINDOWS HOSTS VCENTER SERVERS **KUBERNETES CLUSTERS**

ADD K8S CLUSTER Search for a cluster name

Cluster Name	Distribution	Version	Rubrik Cluster	Region	Last Refreshed
SalesOperations	OpenShift 3.5	V 1.17	Olive	estasia Azure	11/26/2020 10:43 PM
R&D	AKS 4.5	V 1.16	Olive	esia-east2-a GCP	11/26/2020 10:43 PM
DEV	Rancher 1.4	V 1.12	B-0765	US West 1 (n.california) AWS	3/21/2020/2:18 AM
STG	OpenShift 4	V 1.17	B-0765	Las Vegas Openstack	2/18/2020 7:02 PM
PRD	Rancher 1	V 1.10	B-0765	Oregon Rancher	2/14/2020/3:10 AM
FinOps	Azure 9	V 1.16	B-0765	Florida Rancher	5/16/2020/4:12 AM
R&D_DR	Azure 8	V 1.18	Neptune	esia-east2-a Azure	5/21/2020/3:18 PM

Connection status

Search by filter name

☐ Connected

☐ Option

☐ Option

Region

Search by filter name

☐ estasia

☐ esia-east2-a

☐ US West 1 (n.california)

FEATURES

Rubrik for Kubernetes automates protection of Kubernetes workloads in your enterprise environment:

- **Immutable, air gapped backups** ensure application data and dependencies are resilient MFA, with granular role-based access control prevents from unauthorized change, encryption, or deletion
- **Reusable SLAs** can be assign to clusters and namespace or clusters to improve your efficiency
- **Auto-discovery of Kubernetes environments** allows for complete data protection from the start
- **Flexibility to set frequency and retention of snapshots** enables you to cater to different applications needs
- **Protection for Kubernetes workloads in your private and public clouds** gives you coverage across multi-cloud environments
- **Replicate backup data for DR** and use it for catastrophic application failure
- **Archive Kubernetes objects state and PV snapshots** to the cloud and keep them for legal or regulatory compliance.
- **Extend Rubrik's data resilience as APIs** to run commands against Kubernetes clusters for backup and recovery operations
- **Supported Kubernetes Distributions:** Conforming Kubernetes clusters such as RedHat OpenShift, VMware Tanzu, AWS AKS, Azure EKS



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Rubrik is a cybersecurity company. We are the pioneer in Zero Trust Data Security™. Companies around the world rely on Rubrik for business resilience against cyber attacks, malicious insiders, and operational disruptions. Rubrik Security Cloud, powered by machine intelligence, enables our customers to secure data across their enterprise, cloud, and SaaS applications. We automatically protect data from cyber attacks, continuously monitor data risks and quickly recover data and applications. For more information please visit www.rubrik.com and follow [@rubrikinc](https://twitter.com/rubrikinc) on Twitter and [Rubrik, Inc.](https://www.linkedin.com/company/rubrik) on LinkedIn. Rubrik is a registered trademark of Rubrik, Inc. Other marks may be trademarks of their respective owners.