**TRILIO**

# TrilioVault for Kubernetes

**ENTERPRISE-GRADE, CLOUD-NATIVE DATA PROTECTION FOR CONTAINER-BASED APPLICATIONS**

**Protect your entire application** with Kubernetes-native data protection across any K8s, any cloud, any storage.

TrilioVault for Kubernetes is a cloud-native, application-centric data protection platform that was designed from the ground-up to support the flexibility, scale and mobility requirements of Kubernetes container environments across any public, private or hybrid cloud environment. TrilioVault for Kubernetes offers backup and recovery of the entire application, including data, metadata and any associated Kubernetes objects, so it is protected and restorable from any point-in-time. IT managers, cloud architects and DevOps engineers leverage TrilioVault for backup and recovery, migrations, disaster recovery, ransomware protection and application mobility.

## TRILIOVAULT FOR KUBERNETES FEATURES

**Application-Centric**  Protects application data, metadata and Kubernetes objects provisioned via Helm, Operators, Labels and Namespaces.

**Native to Kubernetes & OpenShift** Packaged as an Operator, deployed as CRDs, fully managed via Kubectl. TrilioVault leverages core K8s APIs, RBAC and the CSI framework to provide simple snapshot, backup and restore operations.

**Enterprise Class Features & Broad Ecosystem Support** Capabilities include: support for application consistent backups, restore transforms, policy-based management and efficient data management. Monitoring integration with Prometheus and Grafana.

**Management Console**  Intuitive & simple click-driven workflows, application discovery & monitoring.

**Infrastructure Agnostic & Certified** Compatible with any K8s platform, public/private cloud or storage (CSI, NFS, S3, Blob). Certifications: Red Hat Operator, IBM Cloud & CloudPak, AWS EKS, SUSE Rancher, VMWare Tanzu, HPE, Mirantis.

**Easy to Try & Install**  Free 30-day trial. Free Basic Edition up to 16 nodes. Enterprise Edition with premium support.

# ANY K8S PLATFORM, ANY CLOUD, ANY STORAGE



# USE CASES



## BACKUP & RECOVERY

**Restore** application data and metadata with point-in-time backup and recovery. Schedule automated incremental backups with pre-defined policies or on-demand. Selectively restore containers and applications to the same or new cluster or Namespace.

## DISASTER RECOVERY

**Recover** any Kubernetes application quickly in the event of a disaster. Build Disaster Recovery (DR) plans to easily select backups from different repositories, specify Namespace mappings and reconfigure the captured data and metadata across multiple applications at one time.

## MIGRATION

**Migrate** to a new Kubernetes cluster regardless of cloud infrastructure. Enable migration of your application and data between clouds (public and private), to optimize for performance and achieve better TCO.
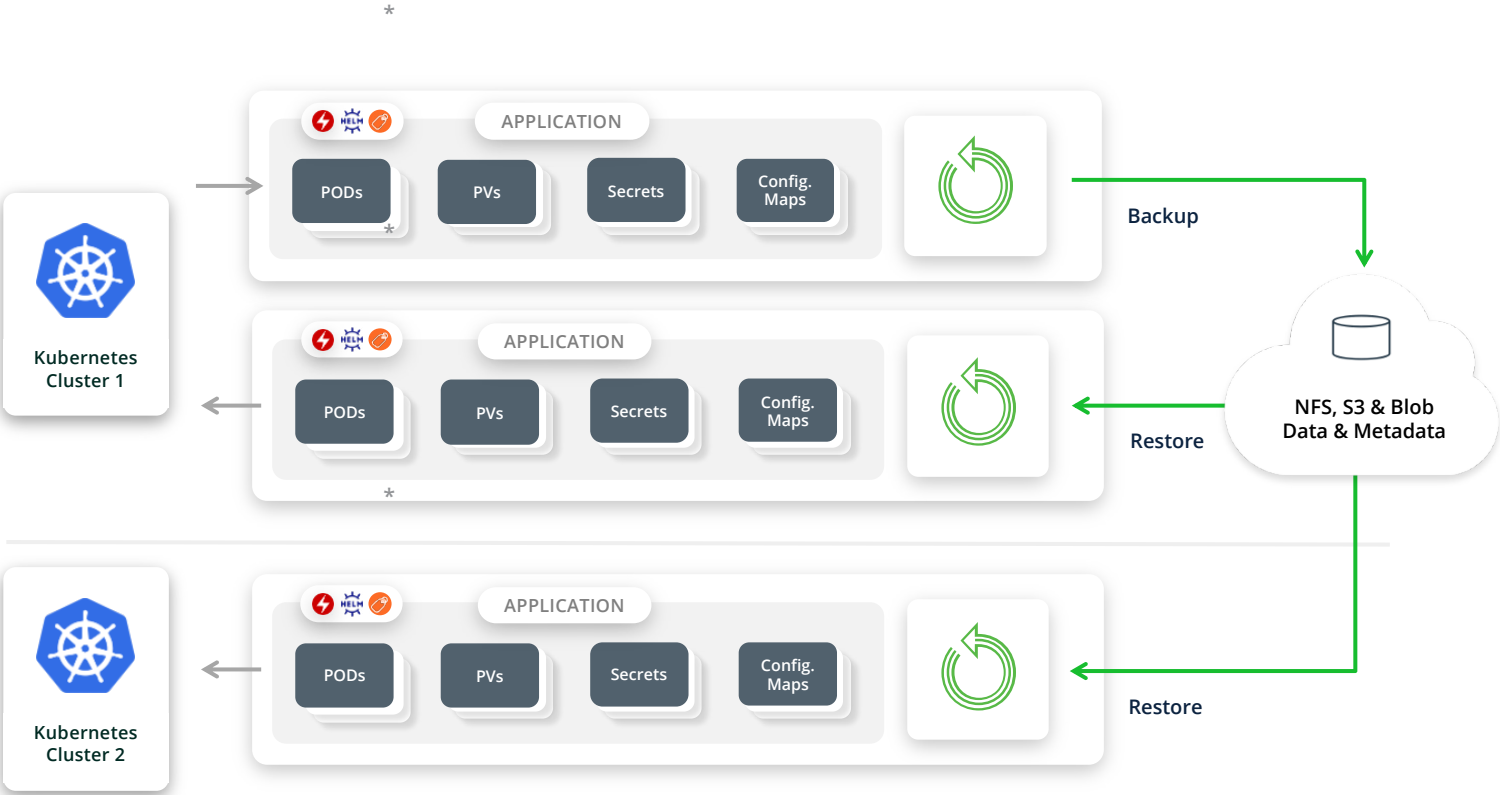
## APPLICATION MOBILITY

**Accelerate** CI/CD pipelines by building multiple test/dev environments, validate code leveraging production data, and push changes into production. Migrate application data and metadata across clouds to meet performance and security requirements.
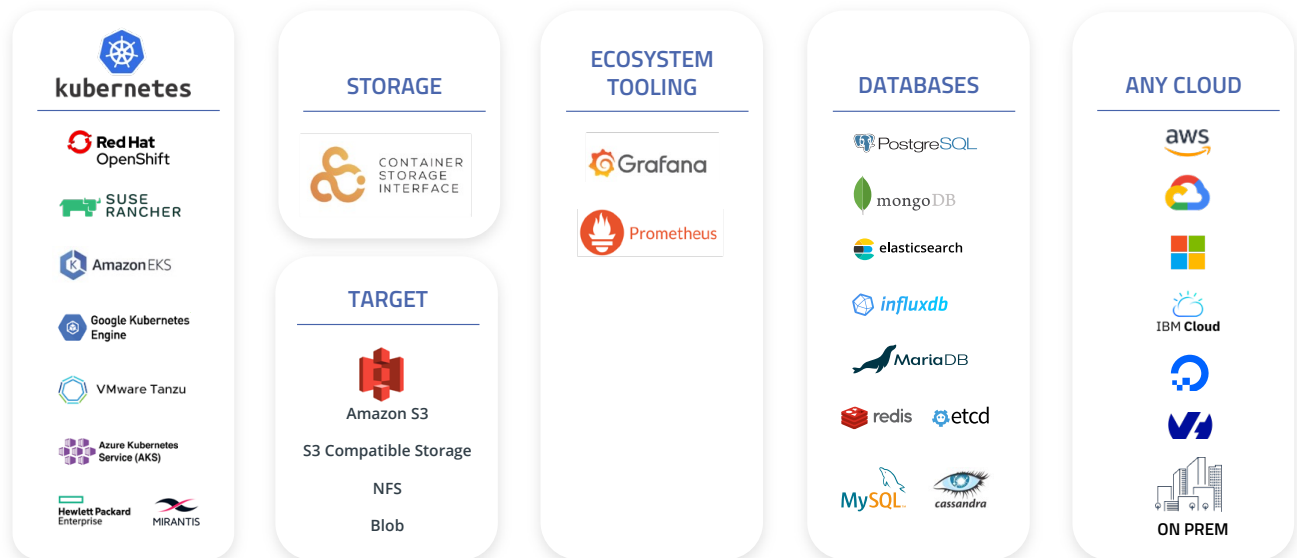
## RANSOMWARE PROTECTION

**Protect and recover** with comprehensive ransomware support aligned with zero trust architectures and the National Institute of Standards and Technology (NIST) Cybersecurity Framework. Key capabilities include application-centric encryption and immutability.

## HOW IT WORKS



*Also includes Namespaces*

## COMPATIBILITY

### kubernetes
- Red Hat OpenShift
- SUSE RANCHER
- Amazon EKS
- Google Kubernetes Engine
- VMware Tanzu
- Azure Kubernetes Service (AKS)
- Hewlett Packard Enterprise / MIRANTIS

### STORAGE
CONTAINER STORAGE INTERFACE

### TARGET
Amazon S3

S3 Compatible Storage

NFS

Blob

### ECOSYSTEM TOOLING
- Grafana
- Prometheus

### DATABASES
- PostgreSQL
- mongoDB
- elasticsearch
- influxdb
- MariaDB
- redis / etcd
- MySQL / cassandra

### ANY CLOUD
- aws
- Google Cloud
- Microsoft
- IBM Cloud
- DigitalOcean
- VMware
- ON PREM

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## READY TO GET STARTED?
Learn more about **TrilioVault for Kubernetes**

**Request**
Demo

**Download**
Free Trial

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## About Trilio

Trilio is a leader in cloud-native data protection for applications using Kubernetes and OpenStack. Our TrilioVault technology is trusted by cloud infrastructure operators and developers for backup and recovery, migration, ransomware protection and application mobility. Customers in telecom, defense, automotive and financial services leverage TrilioVault to recover from disasters, migrate workloads, move workloads to new infrastructure and migrate to new software distributions.

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