

Backup & Recovery for SUSE Rancher

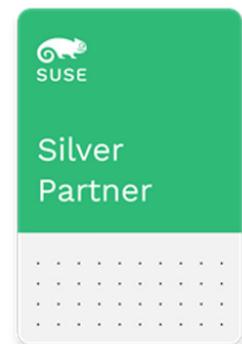
APPLICATION-CENTRIC, CLOUD NATIVE PROTECTION FOR KUBERNETES CLUSTERS



The Kubernetes-Native Data Protection Solution

SUSE Rancher and Trilio have been open infrastructure technology partners since 2017 and have a number of joint cloud customers.

Trilio and SUSE collaborated on a cloud-native solution that brings together the TrilioVault for Kubernetes (TVK) data protection platform and the SUSE Rancher platform. TrilioVault for Kubernetes has been certified as “Rancher Ready” and TVK can be deployed directly from the SUSE Rancher Apps and Marketplace. SUSE Rancher has been added to the TVK CI/CD pipeline, so every new version is tested and validated with SUSE Rancher before it’s released.



Solution Overview

TrilioVault for Kubernetes and SUSE Rancher are both cloud-native solutions designed from the ground-up to support the scale, performance and mobility requirements of the cloud. SUSE Rancher provides a complete software stack for anyone adopting Kubernetes, enabling organizations to deploy and manage Kubernetes clusters at scale on any infrastructure from cloud to data center to edge. Not every backup solution can keep up with a platform with that kind of reach. To keep their data safe, SUSE Rancher users need a backup solution that can follow them wherever SUSE Rancher goes — and TVK is that solution.

SUSE Rancher and TVK don’t just operate across all kinds of on-premises infrastructure, but also across AKS, EKS and GKE public cloud services. SUSE Rancher enables management of hosted and on-premises workloads and provides performance monitoring for the clusters and TVK adds monitoring and management for backup, restore and migration operations.

TrilioVault for Kubernetes expands the data protection capabilities of SUSE Rancher, providing an enterprise-class backup solution with point-in-time recovery and the ability to restore whole workloads with a single click. Using TVK on SUSE Rancher extends SUSE Rancher’s backup and recovery, DR and migration portfolio for a safer and more mobile SUSE Rancher experience.

SUSE Rancher and TVK both strive to make workload management as easy as possible for the user. Both provide complete user interfaces that offer deep insight into everything from the cluster to the entire backup process. TrilioVault Management Console allows users to manage migrations from a single pane of glass and manage backup, restore and migration operations across Kubernetes distributions and clouds. Using SUSE Rancher and TVK together, there is no need to stay in the dark.

Customers use SUSE Rancher with TrilioVault for Kubernetes to:



Simplify Operations

SUSE Rancher and TVK support any CNCF-certified Kubernetes distribution, delivering consistent management and backup capabilities across the cloud-native landscape.



Backup and Recovery

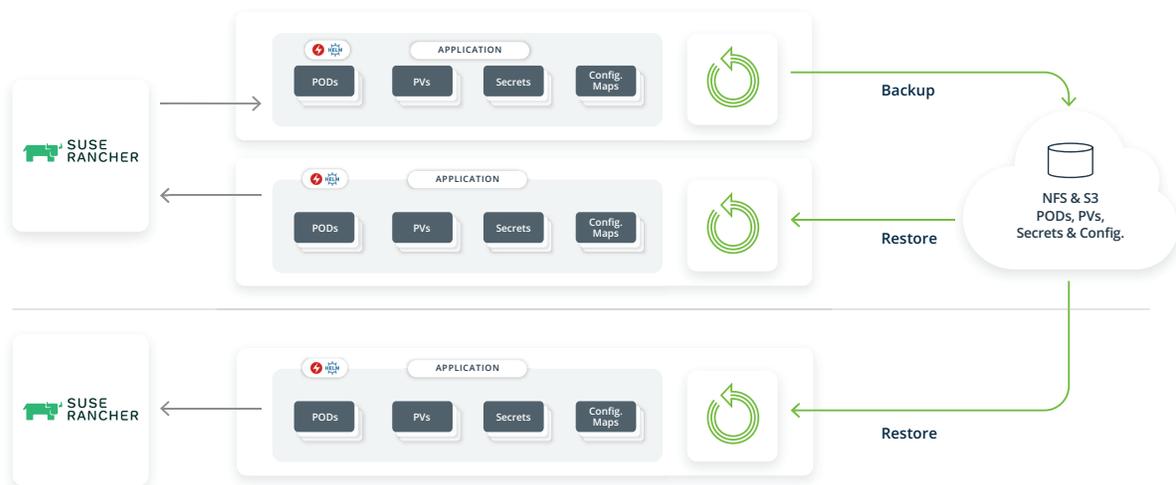
TrilioVault for Kubernetes supports a broad spectrum of block and object storage for backup targets, including Longhorn. Longhorn, an official CNCF project sponsored by SUSE, delivers a powerful cloud-native, highly available, distributed, persistent storage platform for Kubernetes that can run anywhere.



Disaster Recovery

TrilioVault for Kubernetes enables recovery of entire applications from any point in time. With SUSE Rancher's easy, multi-cluster management and Longhorn's ability to replicate persistent volumes to other clusters, TVK with SUSE Rancher enables rapid disaster recovery and mitigation of malicious attacks.

How SUSE Rancher and TrilioVault for Kubernetes work together



About TrilioVault for Kubernetes

TrilioVault for Kubernetes offers backup and recovery of the entire application, including data, metadata and any other Kubernetes objects associated with the application, so that it is protected and can be restored from any point-in-time. IT managers, backup administrators and DevOps engineers leverage TrilioVault for backup and recovery, migrations, disaster recovery and mobility.

TRY IT NOW

Learn more about [TrilioVault for Kubernetes](#) and check out our [TVK demos](#).

Compatibility

Kubernetes Distribution



Deployment Tooling



Storage Targets



Management

Horizon Gui
REST API & CLI

About Trilio

Trilio is trusted by global cloud operators to deliver data protection, infrastructure migration and version management. Our TrilioVault technology supports Kubernetes containers like OpenShift, OpenStack hybrid clouds and Red Hat Virtualization environments to recover from disasters, migrate workloads, move workloads to new infrastructures and migrate to new software distributions.

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