

Kasten K10 supports upgrades to Red Hat OpenShift 4

Highlights:

Deploy cloud-native Kubernetes application mobility and protection with Kasten K10 on Red Hat OpenShift.

Install and deploy with the Red Hat-certified K10 Operator available in the OperatorHub in Red Hat OpenShift.

Migrate applications, including all persistent data, between Kubernetes clusters regardless of the underlying infrastructure. Avoid vendor lock-in and move applications between different public cloud vendor deployments.

Understand the impact of Red Hat OpenShift upgrades by predictably migrating applications to an upgraded cluster. Catch and address upgrade-related issues before it is too late.

Give developers the tools they need to clone applications and data for testing, production, and quality assurance.

 facebook.com/redhatinc
 @RedHat
 linkedin.com/company/red-hat

Red Hat OpenShift application mobility

Kasten K10 Data Management Platform provides the ability to move containerized applications across major Red Hat® OpenShift® clusters versions, accounts, regions, and cloud infrastructures. Kasten K10 supports a variety of use cases, including Red Hat OpenShift Container Platform upgrades from versions 3 to 4, disaster recovery (DR), test and development, and performance testing in isolated environments.

Kasten K10 with Red Hat OpenShift

With Red Hat OpenShift 3.11 full support [ending in June 2022](#), application migration to Red Hat OpenShift 4.x is an essential task. Migrating applications, including all persistent data, between Red Hat OpenShift clusters, regardless of the underlying infrastructure, can be challenging for most organizations. Avoiding infrastructure vendor lock-in and moving applications between heterogeneous on-premise hardware or public cloud vendor deployments is critical. With Kasten K10 Data Platform Management and Red Hat OpenShift, both can be done with backup, application mobility, and DR support (Figure 1).

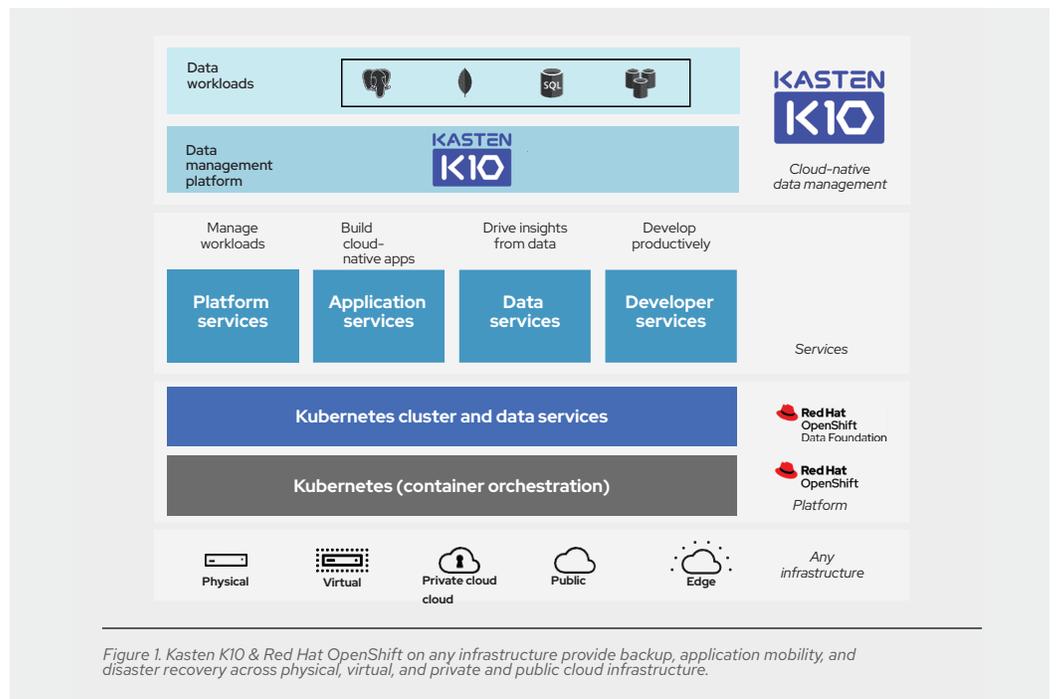


Figure 1. Kasten K10 & Red Hat OpenShift on any infrastructure provide backup, application mobility, and disaster recovery across physical, virtual, and private and public cloud infrastructure.

About Kasten by Veeam

Kasten by Veeam is the leader in Kubernetes backup. Kasten K10 is a Cloud Native data management platform for Day 2 operations. It provides enterprise DevOps teams with backup and restore, disaster recovery and application mobility for Kubernetes applications. Kasten K10 features operational simplicity and integrates with relational and NoSQL databases, all major Kubernetes distributions, and runs in any cloud to maximize freedom of choice. Our customers are confident that their Kubernetes applications and data are protected and always available with the most easy-to-use, reliable and powerful Cloud Native data management platform in the industry.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. [A trusted adviser to the Fortune 500](#), Red Hat provides [award-winning](#) support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.



f facebook.com/redhatinc
@RedHat
in linkedin.com/company/red-hat

redhat.com
#F31746_0722

Tight integration supports Red Hat OpenShift 3.x to 4.x upgrades

Kasten and Red Hat have [worked closely](#) to integrate K10 into Red Hat OpenShift and Red Hat OpenShift Data Foundation. The collaboration addresses DevOps compatibility, security, and application scale to handle the expectations of cloud-native environments. Together, Kasten and Red Hat provide benefits that include:

- ▶ **Installation with a certified operator.** After rigorous testing, the Kasten K10 Operator is available on the OperatorHub in Red Hat OpenShift, ensuring it is ready for more protected deployment in enterprise settings. This level of integration allows Red Hat to provide support for the entire container-based environment.
- ▶ **Deep integration for resilience and durability.** Kasten K10 uses the container storage interface (CSI) and application programming interface (API) available through OpenShift Data Foundation to provide snapshots and clones of persistent volumes (PVs) and application metadata, such as namespaces and secrets. Applications can be restored to a running application namespace while also being restored to a different namespace or Red Hat OpenShift cluster for test and quality assurance purposes.
- ▶ **Diverse workloads and freedom of choice.** With Kasten K10, you can choose from a wide selection of infrastructure providers with a consistent Red Hat OpenShift platform and experience across both private on-premise datacenters and public cloud environments. Kasten K10 Data Management Platform with OpenShift Data Foundation allows global application portability and protection policies without application or code changes.
- ▶ **Security and automation at scale.** Kasten K10 provides a production-ready data management solution that integrates into customer environments with many authentication tools. Policy-driven automation capabilities let you set up custom and default policies, helping meet service-level agreements (SLAs) across potentially thousands of applications.

Kasten K10 and Red Hat OpenShift capabilities

The combination of Kasten K10 and Red Hat OpenShift provides the capability to migrate applications, including all persistent data, between Kubernetes clusters regardless of the underlying infrastructure. Avoid vendor lock-in and move applications between different Red Hat OpenShift deployments and environments. Understanding the impact of Red Hat OpenShift upgrades by predictably migrating applications to an upgraded cluster is essential to capture and address upgrade-related issues before it is too late. Kasten K10 gives developers the tools to migrate applications and data for testing, production, and quality assurance.

Kasten K10 is available to try, purchase, and deploy from Red Hat Marketplace allowing convenient and consolidated license management across multicluster environments and any cloud environment.

North America

1 888 REDHAT1
www.redhat.com

Europe, Middle East, and Africa

00800 7334 2835
europe@redhat.com

Asia Pacific

+65 6490 4200
apac@redhat.com

Latin America

+54 11 4329 7300
info-latam@redhat.com