

## #1 Kubernetes Data Protection

# Kasten K10

## Cloud Native Security and Enterprise Scale Kubernetes

Kasten K10 provides Kubernetes native data protection. It enables seamless backup and restore, disaster recovery, and application mobility for Kubernetes applications at scale. With Kasten by Veeam, teams achieve radical resilience against ransomware attacks.

Applications using microservices architectures and containers have quickly gained traction in the enterprise. Kubernetes has emerged as the mainstream container orchestration platform.

While Kubernetes provides high availability and scalability of application services, these benefits do not extend to application data. This makes backup of Kubernetes applications and data a critical priority. Kasten K10 by Veeam was designed to protect your Kubernetes applications and data.

### Why legacy backup fails Kubernetes workloads



- Volume backup does not fully protect cloud native applications and data
- Protecting cloud native workloads with traditional backup solutions increases management cost
- Traditional software tools lack visibility into Kubernetes applications and data
- Legacy backup solutions do not scale with your enterprise Kubernetes workloads
- Standard backup does not protect your Kubernetes applications / workloads against ransomware attacks

## Kasten K10 Use Cases



### Backup & Restore

Protect your cloud native Kubernetes and VM applications, while preserving your business-critical data



### Disaster Recovery

Manage how backups are replicated off-site to meet business and regulatory requirements



### Application Mobility

Move applications between clouds and on-premises for test/dev, load balancing, data management and upgrades



### Ransomware Protection

Protect your Kubernetes platform during cyberattacks to preserve business continuity



# Why Kasten K10: Kubernetes Native Data Protection

Kasten K10 is a Kubernetes native data protection platform that provides enterprise operations teams an easy to use, scalable and secure system for backup and restore, disaster recovery and application mobility of Kubernetes applications. With Veeam, teams achieve radical resilience against ransomware attacks.

## Key Capabilities

### Application Centricity

Kasten K10 automatically scans the environment, discovering all applications and associated artifacts to protect, as well as any changes to the environment.

### Freedom of Choice

Kasten's ecosystem focus enables seamless support for storage and data services within and across clusters, regions and cloud, neatly abstracting infrastructure complexity.

### Enhanced Extensibility

Kasten K10's Kubernetes native APIs enable easy integration with your preferred Kubernetes tools.

### Ease of Use

An intuitive UI and feature-rich dashboard enables users to easily create and manage policies and perform self-service restores of applications and data.

### Observability

Out of the box, cloud native monitoring, reporting and alerting, an intuitive UI, and a feature-rich dashboard that enables users to easily monitor, log and trace their applications.

### Security Everywhere

Kasten K10 provides comprehensive end-to-end security via enterprise-grade features including ransomware protection, Kubernetes native RBAC and always-on encryption.

## How Kasten K10 works

### Discover

Automated discovery of your Kubernetes application

### Protect

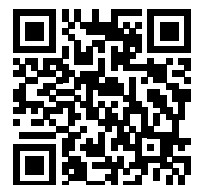
Secure your Kubernetes application and data

### Restore

Quickly and effectively restore your Kubernetes application and data

Quick to deploy and easy to use via a state-of-the-art management interface or a cloud native API. Enables DevOps team agility to identify and protect system applications.

[Learn More](#)



➔ For more information, visit [www.vee.am/kasten](https://www.vee.am/kasten) or follow [@Veeam](#) on X.