

# Infinidat Infinibox® and InfiniGuard® Integrated End-to-End Kubernetes Data Management with Kasten Application-Centric, Lightning-Fast Backup and Recovery at Petabyte Scale

Veeam Kasten data management platform backed by Infinidat high performance storage, helps you seamlessly implement backup and recovery, disaster recovery, and application mobility.

## Infinidat Integrated Kubernetes Backup essential for compliance and risk management

Kasten data management platform is built natively for containers and enables enterprises to confidently run stateful applications and VMs on Kubernetes. It uses a unique application-centric approach to help operations teams with their backup/recovery, disaster recovery, and application mobility requirements, while maintaining the simplicity and portability that IT and Operations teams need to operate cloud-native applications. With Kasten, you can easily backup and restore entire applications and VMs and recover them in another cluster, region or cloud, and move applications and VMs across unfederated clusters in a secure, scalable manner.

When paired with Infinidat's Infinibox® enterprise-grade storage, and Infinidat's InfiniGuard® secondary storage, users can expect reliable, scalable, and high-performance storage for stateful application workloads like OpenShift Virtualization VMs, PostgreSQL, MongoDB, Cassandra, MySQL, and many more.

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Veeam Kasten is free to try and available to deploy on your Infinidat InfiniBox® powered Kubernetes cluster today with simple and flexible license tiers.

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### Key Solution Benefits



#### App-Centric

Relational and NoSQL, Block, File, and Object  
OpenShift Virtualization  
Multi-Layer Consistency



#### Ease-of-Use

Simple to deploy and manage end-to-end  
Simple Dashboards and Policy-Based Workflows



#### Secure

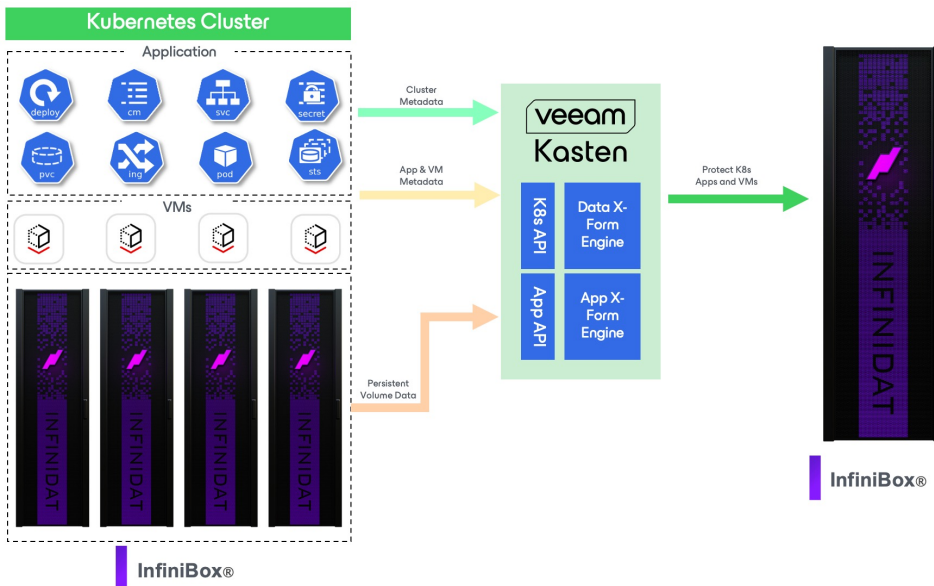
RBAC, Token Auth and OpenID Connect (OIDC). End-to-End Encryption



#### Kubernetes-Native

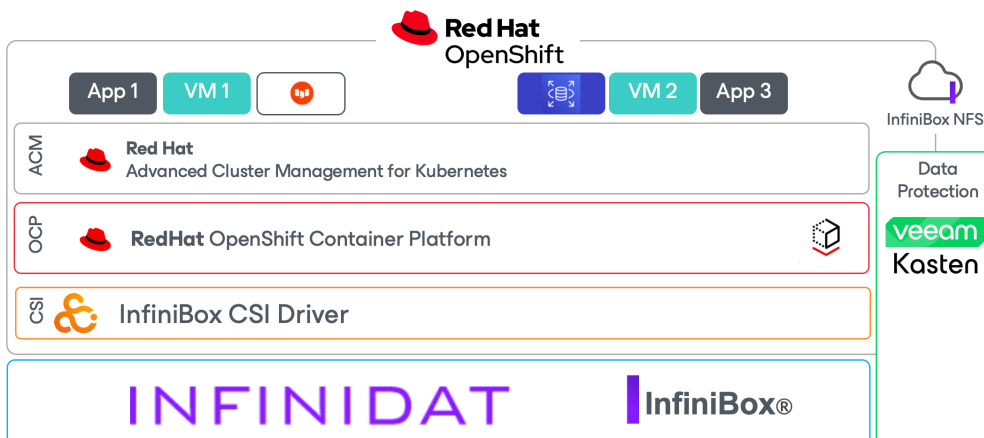
Built for Kubernetes, On-Prem, Public, and Hybrid Clouds.

## End-to-Data management with Kasten and Infinidat



Using the available Infinidat Container Storage Interface (CSI), orchestration and management of control plane operations on file and block storage is made simple. Among other key features, the InfiniBox® CSI Driver enables users to:

- Deploy hundreds of thousands of persistent volumes per InfiniBox®
- Manage persistent volumes backed by iSCSI, NFS, or Fibre Channel protocols
- Control multiple InfiniBox® systems within a single Kubernetes cluster
- Manage InfiniBox® snapshots and clones, including restoring from snapshots
- Clone, extend and manage persistent volumes created outside of the InfiniBox®
- Protect local volumesnapshots from accidental deletion with InfiniBox immutable snapshots



## Backup, Recovery, and Mobility on Kubernetes with Infinidat

### Minimize Risk with Best-In-Class Primary Storage

The InfiniBox® enterprise storage system delivers faster than all-flash performance, multi-petabyte capacity, and 100% availability for a broad range of mixed application workloads. Infinite zero-impact snapshots, dependable active/active, synchronous & asynchronous replication, and flexible, software-defined quality of service come standard, with guaranteed reliability and data security.

### Accelerate Recovery with Unmatched Reliability

InfiniGuard® offers unmatched speed and reliability in data backup and restore capacity for high-performance business continuity and disaster recovery. Built with the market-leading InfiniBox® to optimize performance and target-side dedupe processing, InfiniGuard enables you to maximize effective capacity for multi-petabyte datasets.

### Simplify Operations with CSI integrations

The ability to integrate primary block and file storage into Kubernetes allows storage providers like Infinidat to expose enterprise-class storage directly to applications without having to touch the Kubernetes code directly. Providing robust, secure, and scalable storage for persistent volumes natively allows for operations to become simple and manageable.

### Protect Applications without Developer Overhead

With Kasten, developers can take existing containers and run them without modification. Kasten automatically discovers all the application components running on your cluster — including the state that spans across storage volumes, databases (NoSQL/Relational), and configuration data included in Kubernetes objects such as config maps and secrets — without any development changes, providing seamless protection.

### Enjoy Rapid Deployment and Ease of Use

Kasten can be self-deployed within minutes on any on-premises Kubernetes installations, without professional services. It provides an easy-to-use interface and Kubernetes-integrated API, along with integrated monitoring and support for enterprise authentication and authorization schemes.

### Enable Multiple Use Cases with Seamless Migration

The ability to move an application across clusters enables a variety of use cases including Disaster Recovery (DR), Test/Dev with realistic data sets and performance testing in isolated environments. Kasten is built to support seamless application migration and mobility in a variety of different and overlapping contexts — across namespaces, clusters, clouds, cloud accounts and regions.

### About Veeam Software

Veeam®, the #1 global market leader in data resilience, believes every business should be able to bounce forward after a disruption with the confidence and control of all their data whenever and wherever they need it. Veeam calls this radical resilience, and we're obsessed with creating innovative ways to help our customers achieve it. Veeam solutions are purpose built for powering data resilience by providing data backup, data recovery, data freedom, data security, and data intelligence. With Veeam, IT and security leaders rest easy knowing that their apps and data are protected and always available across their cloud, virtual, physical, SaaS, and Kubernetes environments. Headquartered in Seattle with offices in more than 30 countries, Veeam protects over 550,000 customers worldwide, including 74% of the Global 2000, that trust Veeam to keep their businesses running. Radical resilience starts with Veeam. Learn more at [www.veeam.com](https://www.veeam.com) or follow Veeam on LinkedIn [@veeam-software](https://www.linkedin.com/company/veeam) and X [@veeam](https://twitter.com/veeam).

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