



Solution Brief

Infinidat & Kasten K10

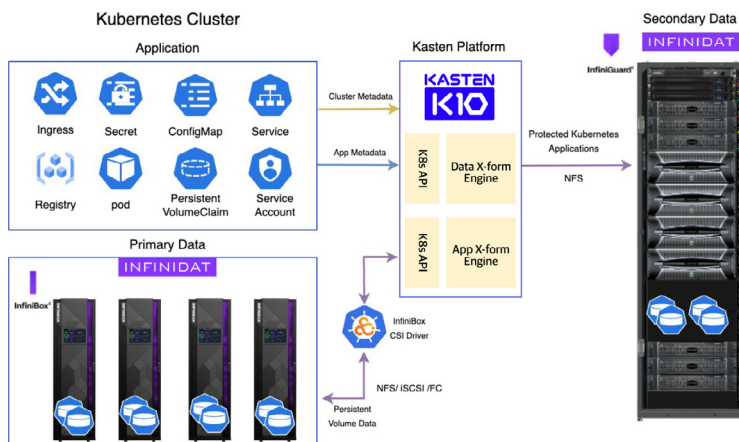
Application-Centric, Lightning-Fast Backup and Recovery at Petabyte Scale

Infinidat Integrated Kubernetes Backup Essential for Compliance and Risk Management

Kasten by Veeam is the leader in Kubernetes backup and disaster recovery. Kasten K10 is a data protection platform built natively for Kubernetes that enables enterprises to confidently run stateful applications in containerized environments. 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 K10, you can easily backup and restore entire applications, recover applications in another cluster, region or cloud, and move applications across unfederated clusters in a secure, scalable manner.





With Infinidat's InfiniBox enterprise-grade primary storage, users can expect reliable, scalable, and high-performance storage for stateful application workloads like PostgreSQL, MongoDB, Cassandra, MySQL, and many more. InfiniGuard® secondary storage is a highly efficient purpose-built backup and recovery solution that provides extremely high data reduction, fast backup, and high availability, all without compromising on recovery speed.

End-to-End Data Management



Kasten K10 for Kubernetes data protection backed by Infinidat high performance storage helps you seamlessly implement backup and restore, disaster recovery, and application mobility for container application data.

Key Solution Benefits

-  **APP-CENTRIC**
Relational and NoSQL Block, File, and Object Multi-Layer Consistency
-  **EASE-OF-USE**
Simple to deploy and manage through intuitive dashboards and policy based workflows
-  **SECURE**
RBAC, Token Auth & OpenID Connect (OIDC), End-to-End Encryption
-  **KUBERNETES NATIVE**
Built for Kubernetes anywhere-on-prem, public and hybrid clouds, VM's or the edge

Kasten K10 is free to try and available to deploy on your Infinidat InfiniBox powered Kubernetes cluster today with simple and flexible licensing options.



Kasten K10 Validated

Seamlessly implement backup, DR and stateful app mobility



Persistent Volumes

Manage Persistent Volumes attached via block & file protocol with all access modes



Broad Support

Support >100K PVs per InfiniBox, control multiple arrays per cluster



Native Management

Manage native InfiniBox snapshots/clones, restore from snapshots, & import PVs

BACKUP, RECOVERY & MOBILITY FOR KUBERNETES WITH INFINIDAT AND KASTEN K10

Minimize Risk with Best-in-Class Primary Storage

The InfiniBox® enterprise storage system delivers groundbreaking performance, multi-petabyte capacity, 100% availability, and cyber resilience for a broad range of mixed application workloads. Highly flexible 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 Exceptional Reliability

InfiniGuard offers unmatched backup and lightning-fast recovery performance, at scale, for all of your data protection needs and is enhanced by InfiniSafe cyber recovery technologies to ensure you are always ready in the event of a cyberattack, natural disaster, or basic human error. InfiniGuard is built on the award-winning, InfiniBox®, an enterprise-proven storage platform that delivers unmatched performance, availability, and a simple, set-it-and-forget-it management experience and offers unprecedented guarantees.

Simplify Integrations 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

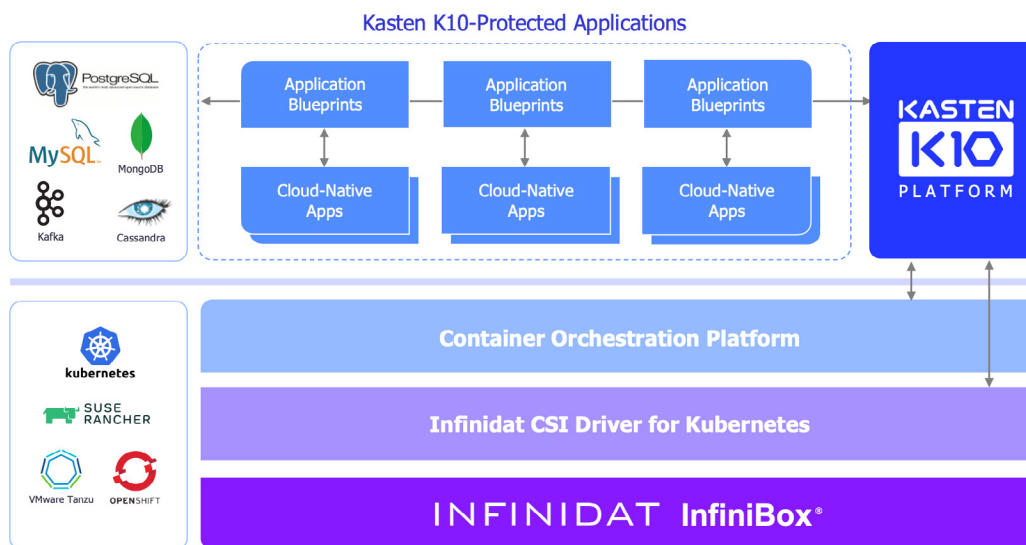
having to touch the Kubernetes code directly. Providing robust, secure, and scalable storage for persistent volumes natively allows for operations to become simple and manageable.

Protect Applications Without Developer Overhead

With Kasten K10, developers can take existing containers and run them without modification. Kasten K10 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

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 K10 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.



Kasten by Veeam® is the leader in Kubernetes backup and disaster recovery. Kasten K10 is a Kubernetes native data protection platform that overcomes Day 2 (live) operations challenges by providing enterprise DevOps teams with backup & restore, disaster recovery, and application mobility for Kubernetes. Kasten K10 features unparalleled operational simplicity and integrates with relational as well as NoSQL databases, all major Kubernetes distributions, and runs in any cloud, maximizing user 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 backup management platform in the industry. Kasten is the Kubernetes data protection business unit within Veeam. For more information, visit www.kasten.io and explore the latest release of Kasten K10 backup and migration resources at docs.kasten.io Follow [@kastenhq](https://twitter.com/kastenhq) on Twitter.