

KUBERNETES BACKUP, DR, & APP MOBILITY WITH KASTEN K10

Enterprise Grade, Multi-Cluster Data Management for Kubernetes with Zadara

Protecting the next generation of cloud native applications deployed in Kubernetes environments presents challenges legacy backup systems simply weren't designed to handle. That's why Zadara teamed up with Kasten by Veeam to offer an integrated, validated, unified, multi-tier data protection solution that delivers complete backup, DR, and application mobility for Kubernetes environments without the need for multiple technologies. Protect your data from ever-present threats, including technology failures, natural disasters, and bad actors.

Zadara and Kasten by Veeam provide comprehensive protection without undue cost or complexity. Zadara and Kasten by Veeam data management solution for Kubernetes include:

- Built for Kubernetes
 - Purpose-built for Kubernetes using cloud native principles and APIs
- Ease of Use
 - State-of-the-art multi-cluster management interface; cloud native API, easy installation, extensible
- Security
 - Support for Kubernetes-native RBAC, Auth, encryption with KMS, and data immutability to defeat ransomware
- Rich Ecosystem
 - Extensive support across the entire application stack including the popular databases like MongoDB, PostgreSQL, MySQL, Elasticsearch, and more!

KEY BENEFITS OF ZADARA

SIMPLE

- Multi-tenant storage that allows you to create multiple backup workflows within a single infrastructure without compromising security
- Veeam Ready Object and Repository for seamless operation

SECURE

- Protect your data from ransomware and user error with Object Lock data immutability and 'air gap' architecture
- End-to-end encryption enabled by default and integration in KMS.

SCALABLE

- Optimize cost and performance with multiple tiers of storage
- Multi-cloud: deploy on premises and at service providers worldwide
- Scale-out architecture; start small and grow; pay only for what you use (no minimum commitments!)

PREDICTABLE

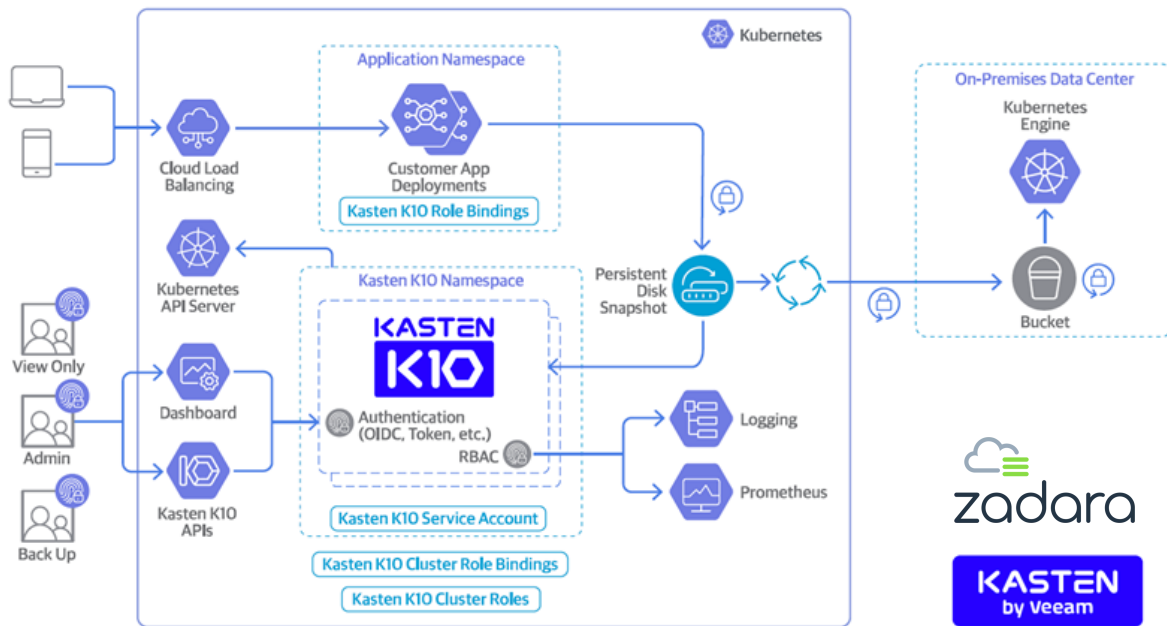
- Incremental backup of large data sets, allowing for improved Recovery Point Objectives (RPO) and Recovery Time Objectives (RTO)
- 100% SLA guarantee (or we pay you back!)

ZERO RISK

- No long-term contracts: no minimum commitments
- 24/7/365 expert support
- On-demand upgrades, with no CapEx costs

CONTROL

- No shared resources
- You have control where your data resides



REDUCE YOUR FINANCIAL AND OPERATIONAL RISK

Combining Zadara's 100%-OpEx multi-tier zStorage offering with Kasten K10 allows you to simplify operations while improving performance and reducing the risks associated with managing complex storage. Zadara and Kasten K10 offers the most cost-effective solution by eliminating the need for CapEx storage purchases, support contracts, and disruptive data migrations. Get the right storage solution to meet your business requirements today, without waiting for a refresh cycle or paying extra for updates.

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.

DELIVER DEVELOPER-READY INFRASTRUCTURE

Developers can't afford infrastructure that slows them down. Businesses rely on developers to rapidly develop and deploy applications to accelerate digital transformation. Zadara zStorage delivers simple, fast, self-service provisioning of Kubernetes clusters within a few minutes.

ENABLE MULTIPLE USE CASES WITH SEAMLESS APP MIGRATION

The ability to move an application across Kubernetes 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.

FLEXIBLE PROTECTION FOR DATA SOVEREIGNTY

Ensure data sovereignty and control in a multi-tier backup environment.

Zadara is the only solution that allows you to define tiers to meet business-driven objectives, and redefine tiers and shift capacity as requirements change. To ensure efficiency, Kasten K10 provides encrypted, deduplicated, incremental forever backup files to cost-effective Zadara zStorage Object Storage based upon user choices set within Kasten by Veeam. This allows you to:

- Leverage the simplicity and elasticity of Zadara's block, file, and object storage technology.
- Store data in a cloud tier without any API call or egress fees
- Avoid the vendor lock-in associated with legacy storage and public clouds

HOST YOUR OWN OR CHOOSE A SERVICE PROVIDER

Want to host your own backup solution? You can deploy Zadara and Kasten K10 storage on your premises, at your chosen co-location provider, or in a public-cloud adjacent data center. Or, if you're looking for a service provider to manage all or part of your backup infrastructure, Zadara zStorage with Kasten K10 is available through leading service providers worldwide, including the Veeam Cloud Service Provider network.

veeam

TECHNOLOGY ALLIANCE PARTNER
Access

veeam
READY



Object with
Immutability

veeam
READY



Repository

zadara

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Any data type. Any protocol. Any location.

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