

Top Secret: Kasten K10 Announcement



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Agenda

- What have we announced
- Why does it matter
- Show me
- Q&A



Kasten By Veeam

Long-standing Leader in Kubernetes Native Data Protection

#1 Kubernetes Data Protection

Recognized by GigaOm as
3 Time Leader and
Outperformer Kubernetes
Data Protection



Trusted by Global Enterprises

KASTEN
by Veeam

“We chose Kasten K10 for our Kubernetes backup and recovery solution because of its extensibility, and cloud native architecture.”

Marc Lehman

Director ARIS Governance & Cloud,
Software AG

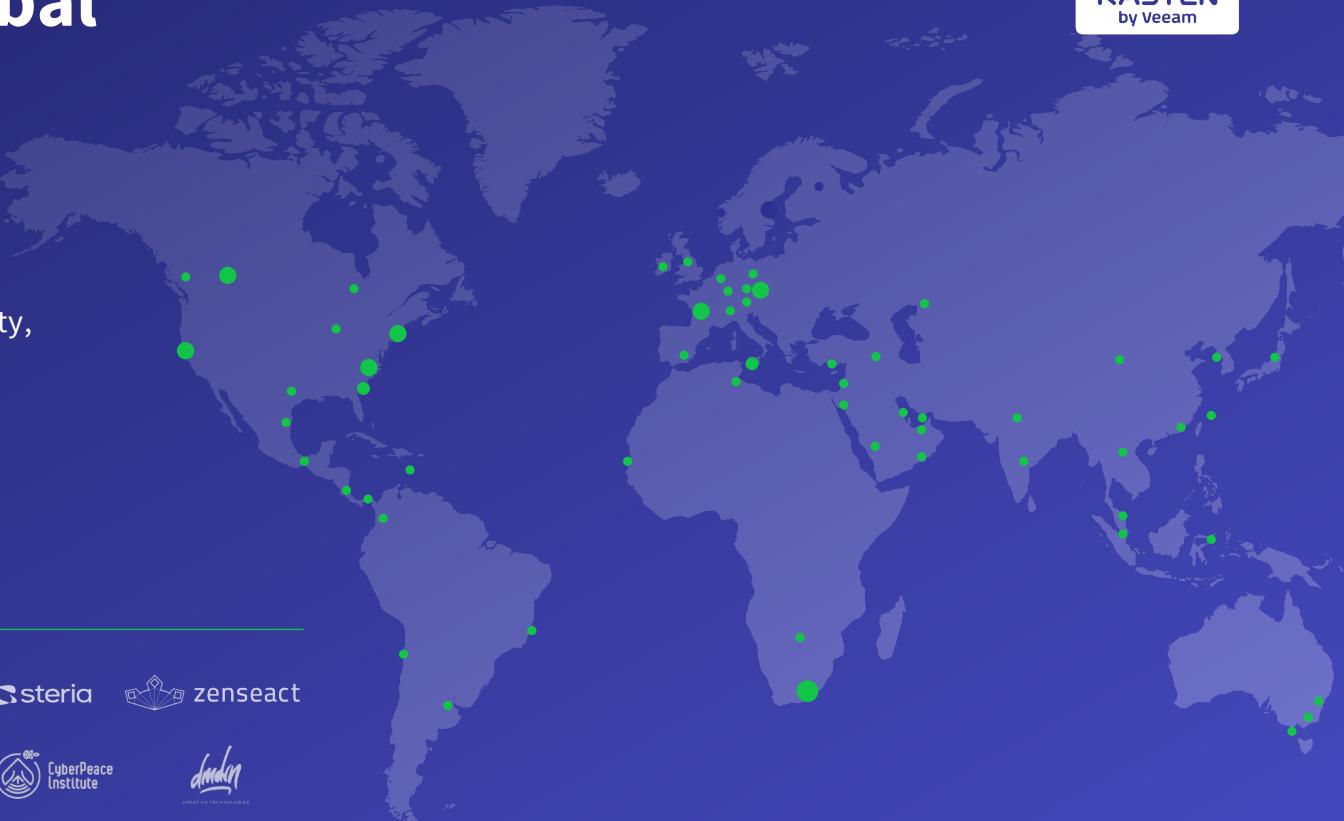
CUSTOMERS



sopra



zenseact



Announcing



Enterprise Ransomware
Protection



Scalability & Efficiency
Improvements



Cloud Native
Integrations

Let's take
a step back
to understand
why this
matters



Kubernetes data protection challenges

74%

of organizations think traditional
and container-based applications
can be backed up the same way¹
(spoiler, they can not!)

85%

of companies have experienced
at least one ransomware attack
in the past year²

93%

of organizations think multi-
cloud support for container
backup is important¹

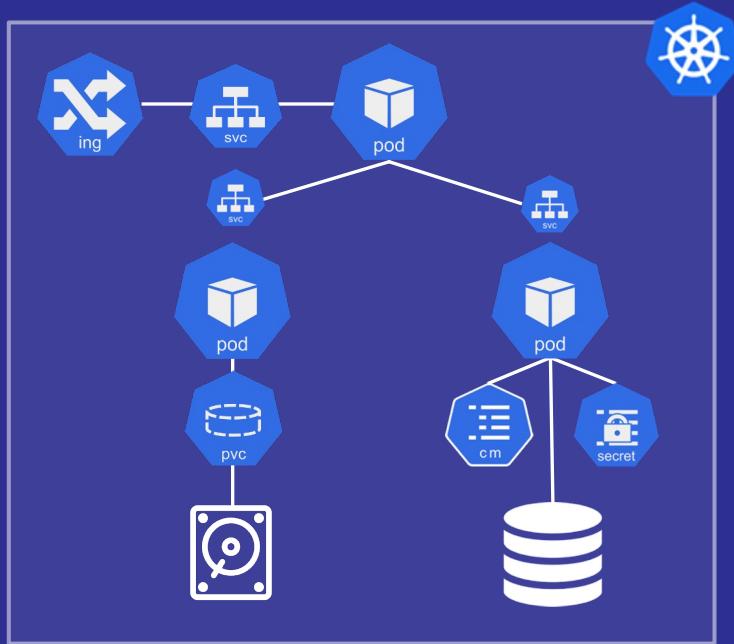
75%

of organizations indicate a skill
shortage in their Kubernetes backup
and recovery teams¹

¹ ESG Measuring the Current State and Momentum in the Market for K8s Protection

² 2023 Veeam Data Protection Trends Report

Cloud-Native Applications – Under the hood



Kubernetes-Native Environment
Applications as the Operational Unit

veeAMON 2023



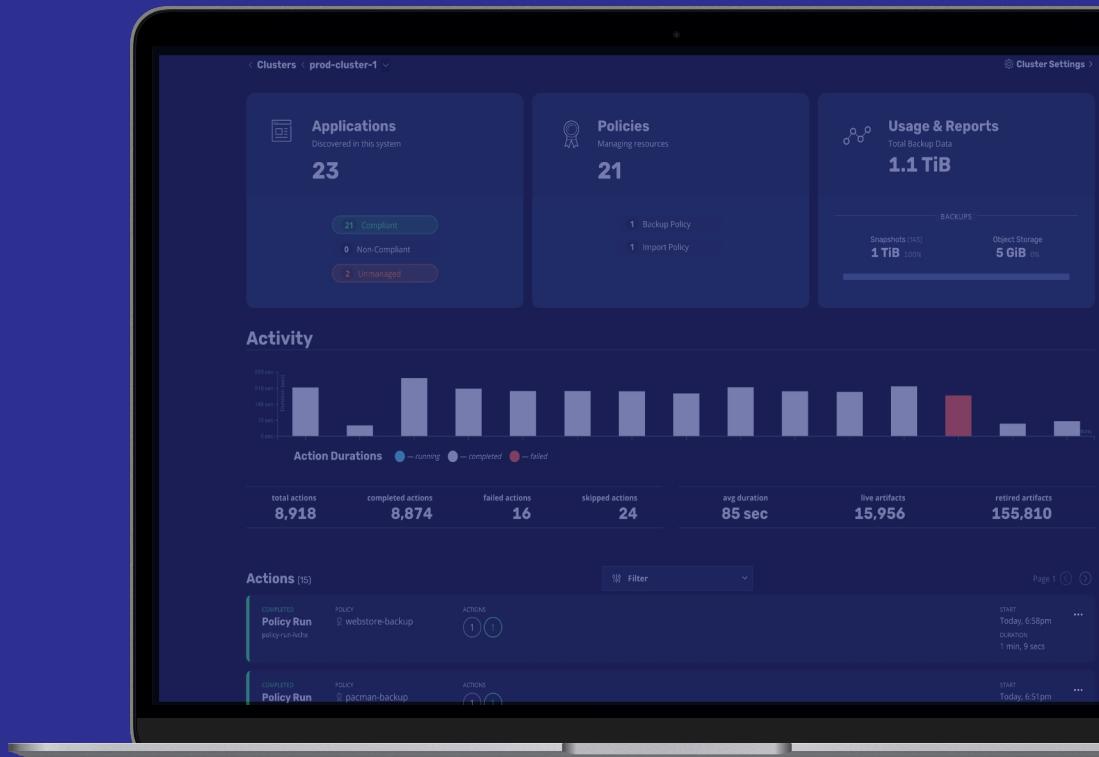
Simplifying Kubernetes Data Protection

Kubernetes Data Protection with Kasten

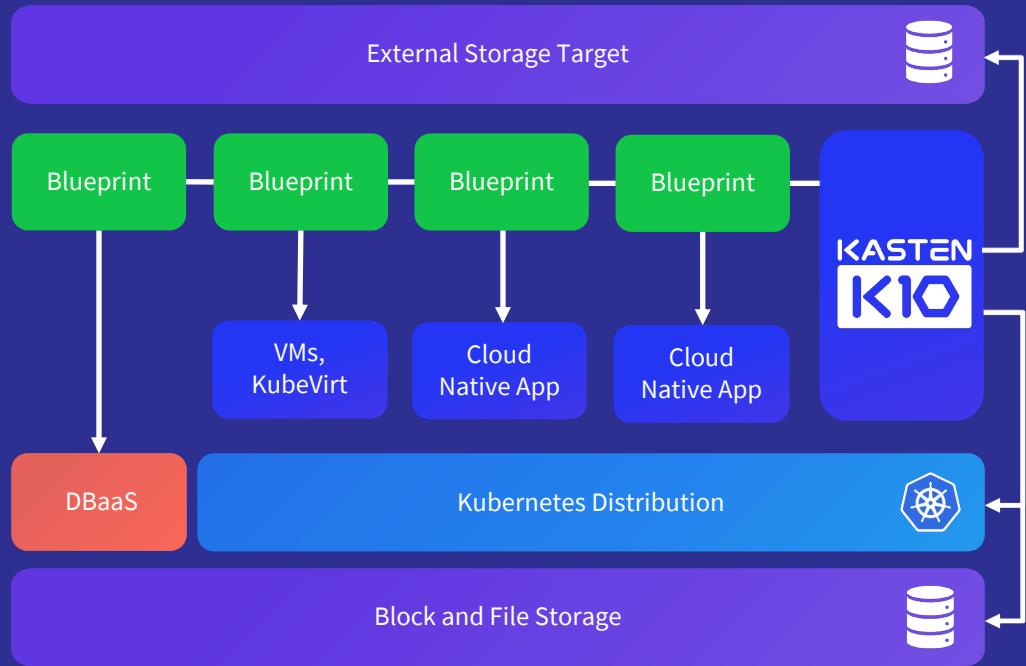
Kubernetes-native

Security everywhere

Easy to use



What is Kubernetes-native backup?



Discover
Integrate
Automate

Production demands **more** than just **backup**



Data Recovery

Reliable backups restored
in-place or for
Disaster Recovery



Data Security

Encryption, access
control, auditing, and
Ransomware Protection



Data Freedom

Move workloads across
distributions, clouds, and infra
with **Application Mobility**

Kubernetes App Mobility



Security Everywhere

Kasten K10 provides enterprise-grade ransomware protection



Early Threat Detection

Raise an early flag on potentially malicious activity or imminent attacks



Encrypted & Immutable Backups

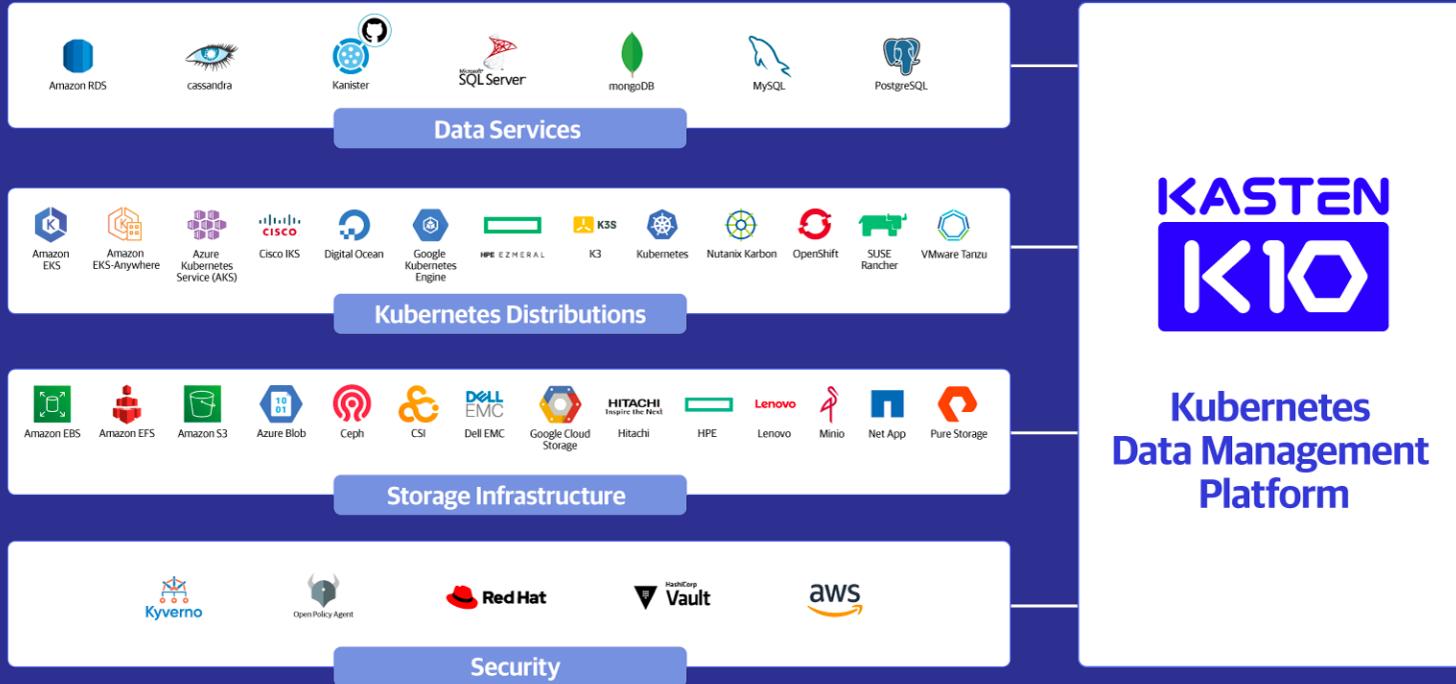
Always have a safe and consistent copy of your application & data



Accelerated Recovery

Quick and secure restores minimize business downtime due to attacks

Kasten: Wide ecosystem support



Simplifying Kubernetes Data Protection



**Kasten visibility &
management with VBR**

Leverage



**Instant Recovery,
Intelligent Policies**

Efficiency



**Application Mobility
across environments**

Scale

Kubernetes on Veeam's Data Platform

Kasten – Centralized Visibility

The screenshot shows the Veeam Backup & Replication (VBR) interface. The top navigation bar includes 'Home' and 'View' tabs, along with icons for Backup, Replication, CDP, and various job types. Below the navigation is a search bar labeled 'Type in an object name to search for'. The main content area displays a list of 'Jobs' under the 'Kasten K10' category. The list includes:

Name	Type
k10-disaster-recovery...	Kasten K10 policy
kubernetes-dashboard...	Kasten K10 policy
my-production-app-...	Kasten K10 policy
my-production-app-...	Kasten K10 policy

The left sidebar shows a tree view of backup and replication jobs, including 'Backup', 'Backups', 'Snapshots', and specific entries for 'Last 24 Hours' and 'Success'.

Centralized visibility and management with new VBR Console*
for Kasten K10

* Requires VBR V12

Add Kasten K10 clusters as another server type in Veeam® Backup & Replication™

Can queue workloads, perform recovery and other actions

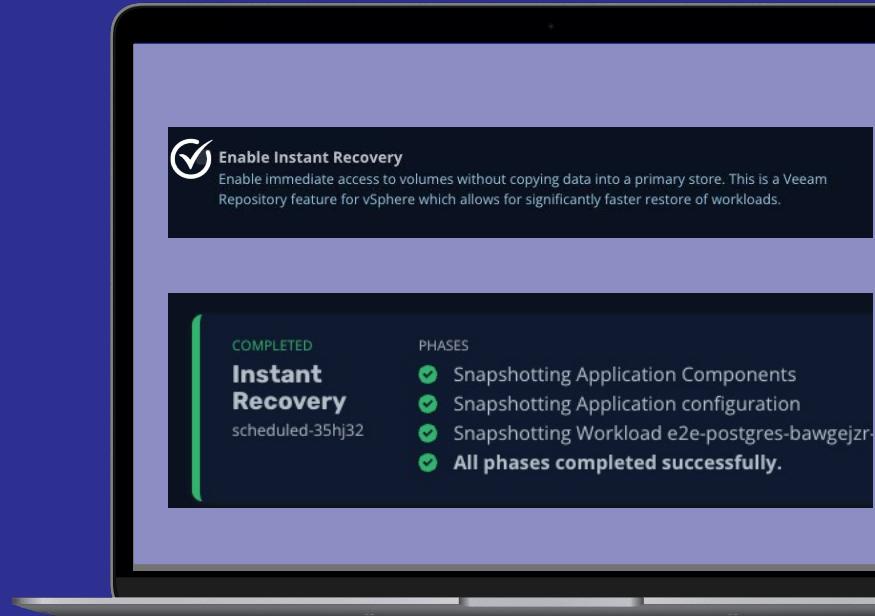


Kubernetes on Veeam's Data Platform

Kasten – Instant Recovery

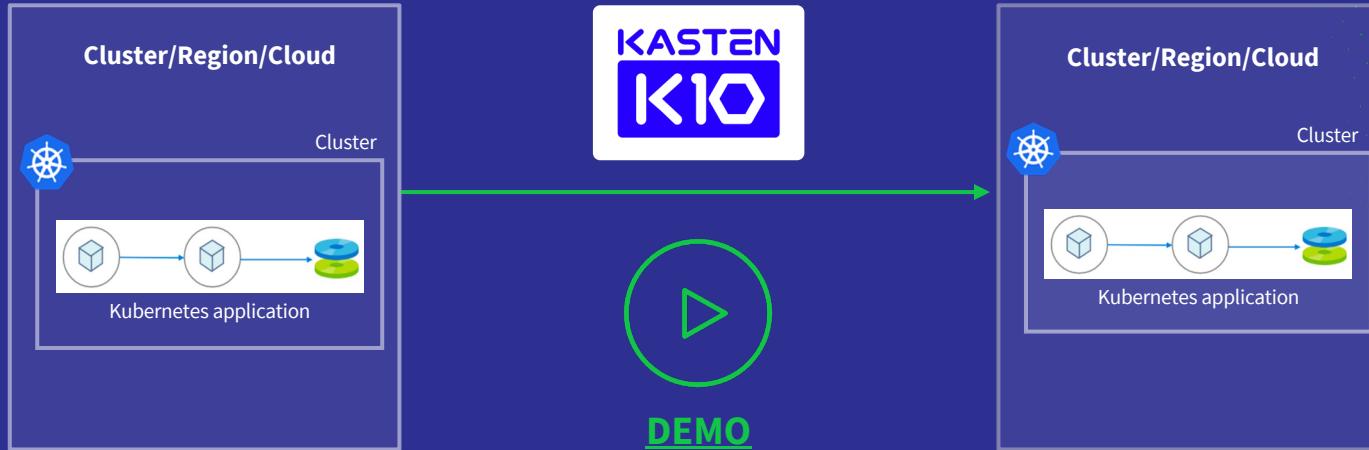
Veeam's proven Instant Recovery technology under the hood, but now for Kubernetes

Persistent Volumes are restored “instantly” and integrated with restored Kubernetes resources

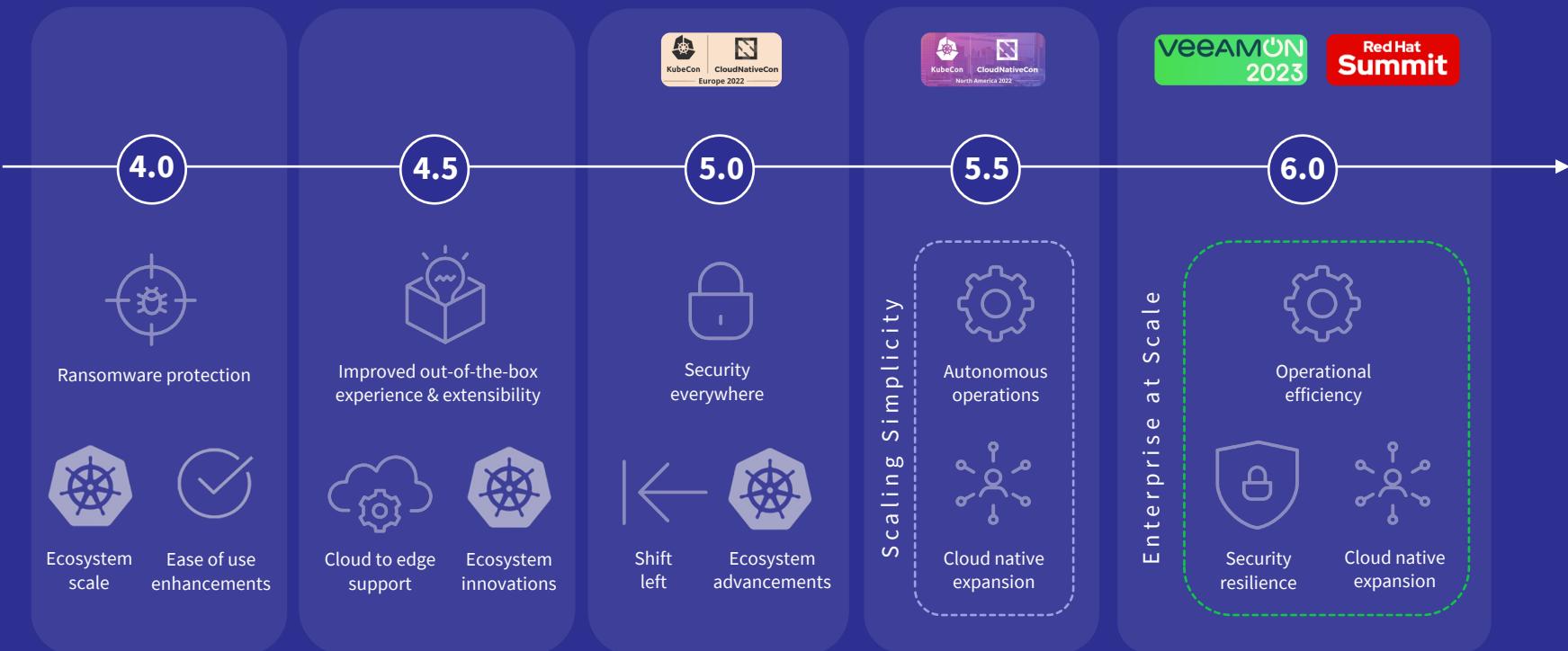


Instant Recovery – with Veeam Repository for vSphere

Application Mobility with Kasten



Announcing Kasten K10 V6.0



Kasten K10 V6.0

KASTEN
K10 **V6.0**



Enterprise Ransomware Protection

Ransomware Detection

- Kubernetes Audit Log Analysis
- Integrations (Red Hat ACS and Amazon GuardDuty)

Policy Presets Enforcement with Kyverno

AWS Secrets Manager support for K10 DR



Scalability & Efficiency Improvements

Veeam Data Platform Integration

- Centralized management
- Instant recovery

Application fingerprinting

Custom Transforms Library

Multi-cluster license management

Streamlined VM restore workflow for OpenShift Virtualization

AWS EKS Blueprints Add-Ons



Cloud Native Integrations

New Workload Types:

- Kubernetes 1.26
- Red Hat OCP 4.12
- Blueprint for Amazon RDS

Hybrid Environments:

- Google Anthos
- Cross-platform restore targets for Tanzu Backups
- Cisco Hybrid Cloud CVD with Red Hat and Kasten

Additional Storage Options

- NetApp ONTAP S3
- Dell-EMC ECS S3

Get started with Kasten today

Free up to **5 Nodes**
Fully Featured



The tablet screen displays the Kasten management interface with the following data:

- Applications**: Discovered in this system: 23
 - 21 Compliant
 - 0 Non-Compliant
 - 2 Unmanaged
- Policies**: Managing resources: 21
- Usage & Reports**:
 - Total Backup Data: 1.1 TiB
 - Object Storage: 5 GiB
 - BACKUPS: 155,810
 - retired artifacts: 155,810

Activity chart (Action Durations):

Action Duration	Count
203 ms	~150
215 ms	~10
73 ms	~10
5 ms	~10

Actions (15) table:

Category	Count
COMPLETED	Policy Run
POLICY	webstore-backup
ACTIONS	1

QR code: kasten.io/free-kubernetes



Thank you!

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