

Veeam Kasten for Amazon EKS and EKS Anywhere

Secure Kubernetes in the Cloud Without Complexity

Modern Applications Require Modern Protection

A growing number of organizations are adopting Amazon EKS and EKS Anywhere to ensure their Kubernetes workloads run smoothly across cloud, edge, and on-premises environments. By simplifying Kubernetes control plane management, these Amazon services enable teams to dedicate more time and resources to innovation.

However, even in managed Kubernetes environments, data protection still remains the customer's responsibility. AWS ensures infrastructure availability and managed service reliability, but the customer owns the applications, the data, and the vital backup and recovery.

Born-in-the-Cloud Data Assurance for EKS and EKS Anywhere

Veeam Kasten is a Kubernetes-native and cloud born data protection platform that's engineered to integrate deeply with Amazon's cloud native ecosystem. It delivers application-centric backup, disaster recovery (DR), and workload mobility without adding operational complexity or forcing developers to change workflows.

Through its integrations, Veeam Kasten automatically discovers and protects all components of a containerized application, including PVCs, secrets, config maps, databases, and CRDs, to ensure full-spectrum consistency with no engineering overhead.

Benefits for Amazon Customers

Application-aware protection: Consistent protection for stateful applications, databases, and cloud native services.

No developer changes required: Protect apps as they are deployed. No annotations, no sidecars, no refactoring.

Policies that scale: Automated backup, retention, export, and DR policies that move easily with applications.

A kubernetes-native approach to backup: Easily integrate with other cloud native security, automation, and governance solutions.

Protect applications and their data anywhere: With logical backup blueprints, Amazon customers can protect their EKS applications and their data, even if it's hosted outside of the cluster, like in Amazon RDS.

Deep AWS-Native Integrations:

- EBS CSI snapshots with Change Block Tracking (CBT)
- EFS CSI integration
- Amazon S3 for durable and immutable retention
- IAM/IRSA, KMS, Secrets Manager
- EKS Blueprints and EKS Anywhere validations
- Simplified deployment: Available within the [AWS Marketplace](#) with pay-as-you-go and term licensing

Shared Responsibility Model for Kubernetes Data in the Cloud

AWS takes care of:

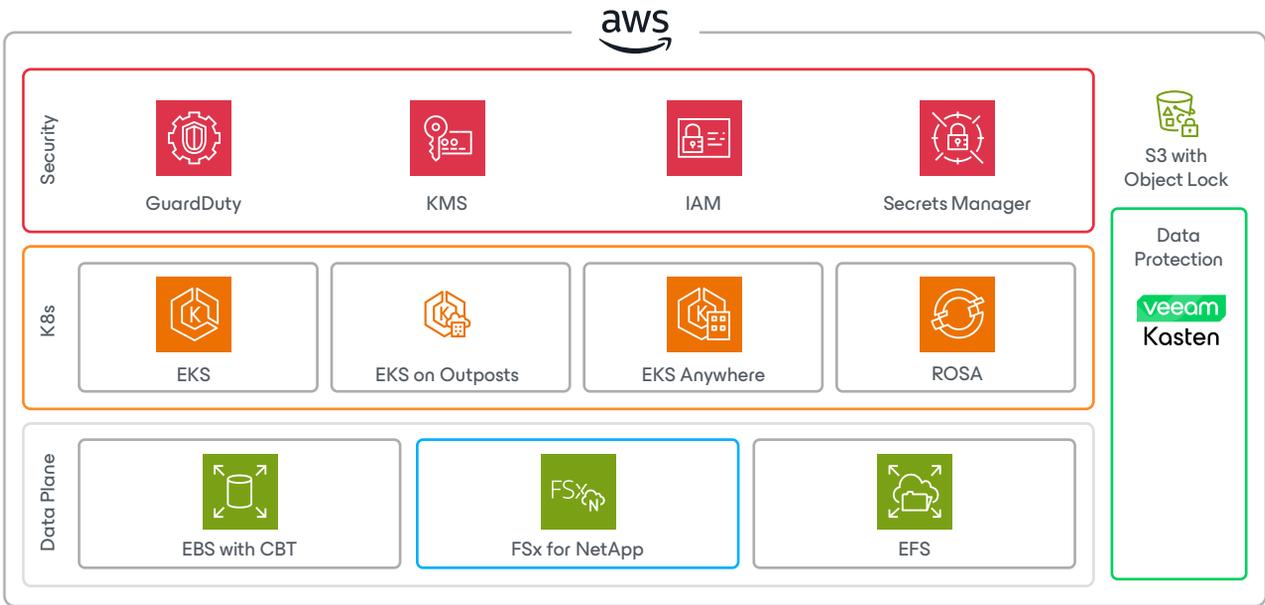
- Control plane availability and patching
- EKS service reliability and infrastructure security
- Integrations (e.g., EBS, EFS, KNetworking, IAM, and managedMS, VPC)

The customer is responsible for:

- Application availability and integrity
- Kubernetes objects and persistent data
- Backup, DR, and restore capabilities
- Ransomware and deletion protection

Veeam Kasten bridges the gaps within the Shared Responsibility Model by providing a robust, Amazon-aligned data protection layer.

Veeam Kasten for EKS Architecture



Unified Protection for EKS, EKS Anywhere, and Hybrid

As organizations extend Kubernetes to edge sites and on-premises environments via EKS Anywhere, Veeam Kasten provides the same unified data protection experience across:

- Amazon EKS (managed)
- EKS Anywhere on-premises
- AWS Outposts
- VM-based and bare-metal clusters

This consistency improves resilience, reduces tooling sprawl, and simplifies hybrid cloud operations.

Move and Recover Anywhere

Veeam Kasten enables seamless cross cluster, cross region, and hybrid mobility that unlocks true cloud agility without rearchitecting. This includes features like:

- Easily restore apps to new EKS clusters or regions.
- Move workloads seamlessly to and from EKS Anywhere and EKS environments for test/dev or compliance, even across heterogeneous environments (e.g. storage, network, etc.).
- Quickly create isolated copies for validation or performance testing.

Built In Ransomware Resilience

Veeam Kasten, paired with Amazon S3 Object Lock, delivers hardened, immutable backups and protects against ransomware, accidental deletion, or insider threats.

Why Veeam Kasten *for Kubernetes* in the Cloud?

For six consecutive years, [GigaOm has recognized Veeam Kasten](#) as the top solution in Kubernetes-native data protection. Veeam Kasten features a design that's built specifically for Kubernetes, integrates seamlessly with AWS cloud services, supports unified hybrid cloud environments, and offers strong enterprise security and governance. Its efficient operations help ensure reliable data protection and quick returns on investment.

Validated for Amazon EKS and EKS Anywhere, Veeam Kasten provides secure, scalable, and simple data management that's aligned to AWS best practices.

➔ Ready to protect your cloud native future? Learn more about [Veeam Kasten capabilities](#), reach out for a [demo](#), or get started today with a [free enterprise trial](#).

AWS Integrations = Reduced Overhead

Identity and Security

- IAM Roles for Service Accounts (IRSA)
- AWS KMS for encryption
- AWS Secrets Manager
- Full RBAC alignment across clusters

Storage

- EBS CSI for block workloads with CBT
- EFS CSI for shared file storage
- S3 / S3 Object Lock for immutable protection
- Kanister-based logical backups for cloud-native databases

Operational Alignment

- Deploy via AWS Marketplace for containers
- Integrate into EKS Blueprints workflows
- Consistent APIs across EKS and EKS Anywhere

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 portability, 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 82% of the Fortune 500, that trust Veeam to keep their businesses running. Radical resilience starts with Veeam. Learn more at www.veeam.com or follow Veeam on LinkedIn [@Veeam-Software](#) and X [@Veeam](#).