

# Nutanix and Veeam Protect the Data that Powers Innovation

Enterprise-scale backup, disaster recovery and mobility for modern apps on the Nutanix Kubernetes Platform

Getting Kubernetes® into production is just the beginning. As environments expand, managing ongoing operations like backup, security, observability, and governance become critical.

The [Nutanix Kubernetes Platform](#) (NKP) solution was developed to address these challenges by providing full-stack Kubernetes with AI-based insights, automated lifecycle management and integrated data services. Veeam Kasten enhances NKP by addressing one of the most significant Day 2 challenges: Providing reliable Kubernetes native backup, recovery and application mobility.

The Nutanix and Veeam partnership offers a fully validated solution that streamlines operations and enables seamless scalability across clusters, clouds and edge locations. Whether an organization utilizes the NKP Starter edition or manages extensive deployments with NKP Ultimate, this integrated solution delivers robust application resiliency.

## Modern Data Protection for Modern Platforms

Safeguarding application data continues to be both essential and frequently underestimated. Ensuring comprehensive data protection is a pivotal aspect of maintaining resilient and reliable Kubernetes environments.

NKP streamlines Day 2 Kubernetes operations by automating upgrades, facilitating lifecycle management and providing integrated data services through NDK. Veeam Kasten is deployed natively within NKP to provide Kubernetes native backup and recovery. It adapts to different environments, scales seamlessly with clusters and storage, and enforces policies as specified.

Veeam Kasten automatically discovers applications, integrates with container storage Interface (CSI) snapshots and facilitates workload recovery in the event of misconfigurations, ransomware attacks and infrastructure failures. When integrated with NKP observability and AI-driven troubleshooting capabilities, Kasten effectively addresses Day 2 operational challenges and provides reliable operations at scale.

## Key Benefits

- Native backup and recovery for stateful and stateless apps on NKP.
- Seamless integration with the [Nutanix Data Services for Kubernetes](#) (NDK) solution.
- Immutable air-gapped backups with fast policy-driven recovery.
- Complements NKP AI Navigator and Insights with actionable data protection.
- GitOps-ready protection for DevSecOps and platform teams.
- Application mobility across Kubernetes distributions and clouds.



## Validated, Scalable and Built for the Full Stack

Nutanix and Veeam offer data protection that adapts from edge clusters to multicloud fleets. Veeam Kasten is validated for all tiers of NKP and seamlessly integrates with NDK, the [Nutanix Unified Storage](#) solution and other essential services to provide dependable data protection across diverse environments. Kasten also supports backup storage with the [Nutanix Objects Storage](#) solution to strengthen ransomware resilience and help minimize costs by accommodating long-term retention policies.

In the NKP Pro and Ultimate editions, customers are able to enhance GitOps capabilities, cost management and centralized fleet control through advanced recovery operations powered by Veeam Kasten. Automated policy enforcement, role-based access controls and immutable backups facilitate alignment with security and compliance requirements to meet standards without impacting platform performance.

Veeam Kasten provides comprehensive protection for every environment managed by NKP. This includes initiatives such as application modernization, workload migration across infrastructures and integration of security within continuous integration and continuous delivery (CI/CD) pipelines. With Veeam Kasten and NKP, all systems remain secure, recoverable and prepared for future developments.

## Turnkey Kubernetes. Built in Data Resilience.

Together, the Nutanix Kubernetes Platform and Veeam Kasten provide a full-stack Kubernetes solution that extends AI-driven operations, integrated data protection and scalable architecture across core, edge and cloud environments.

Learn more at [veeam.com](https://veeam.com) and [nutanix.com](https://nutanix.com)

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