

Top Reasons to Use Veritas NetBackup for Kubernetes

The current stage of IT transformation features rapid adoption of Kubernetes (K8s), making containers the de facto standard for implementing microservices-based architectures to build web-scale applications with shorter development cycles. Organizations are choosing to adopt Kubernetes for the benefits of containers, better utilization of resources, scalability, the power of orchestration and the value of the distributed cloud.

Veritas understands the importance of protecting Kubernetes, which is why it has extended NetBackup™ innovation to K8s, making it an integral part of the NetBackup framework. NetBackup provides the industry's broadest support for Kubernetes cloud-native environments by including optimized, application-centric, unified protection on-premises and in the cloud.



1. Optimized Kubernetes protection designed to unlock distribution mobility

NetBackup for Kubernetes is platform-native and is specifically designed to seamlessly deploy and integrate into Kubernetes environments allowing DevOps to protect their environments using familiar tools, while also providing NetBackup Admins the ability to manage their entire environment through a single interface with zero learning curve, eliminating the need for point products, and reducing risks and complexity.

- NetBackup automatically discovers, protects and recovers all user namespaces and individual resources, ensuring data is protected across all major Kubernetes distributions, on-premises or in the cloud.
- Use native Kubernetes constructs and APIs to recover what you want where you want.
- Role-based access controls (RBAC) enable namespace-aware recovery and secure self-service for efficient data management.
- Define discovery and resource usage parameters to optimize data protection workflows and minimize backup impact on environment.
- Agentless intelligent automation and orchestration simplify data protection processes.
- Unlike other data protection and availability solutions for Kubernetes, NetBackup takes a Kubernetes-native approach that integrates DevSecOps processes from the beginning of the development cycle through deployment and operations.



2. Application-centric data protection and enterprise-grade resiliency

A Kubernetes environment is no less susceptible to risks. Ransomware attacks, bad actors and human error all have the potential to compromise data and the underlying infrastructure, which can negatively impact or disable Kubernetes systems. A comprehensive Kubernetes data protection solution is essential.

- NetBackup for Kubernetes is application-centric, protecting all the components that comprise an application and ensuring you can recover K8s workloads quickly and efficiently.
- Granular recovery of individual resources within the namespace, rollback of persistent volumes or entire namespace restores provide the flexibility to recover exactly what is needed on the same or alternate cluster.
- With enterprise-grade resiliency and granular application protection, NetBackup ensures Kubernetes workloads are always protected and quickly recoverable from threats like ransomware.



3. Unified protection for your entire environment to unlock distribution mobility

NetBackup solves the greatest challenge of Kubernetes protection: the gap between on-prem and the cloud. Because an organization often uses multiple distributions and cloud providers, the result can be unnecessary fragmentation. NetBackup offers a unified approach that provides enterprise IT with greater certainty, agility and control.

- NetBackup protection for Kubernetes was fundamentally designed to unlock the power of K8s' portability and elasticity with natively integrated data protection and resiliency.
- Platform- and storage-agnostic, NetBackup's cloud-native attributes are designed to provide unified cross-platform recoverability.

No extra licenses. No extra costs. NetBackup is trusted by 87 percent of the Fortune Global 500 and fully integrates Kubernetes-native protection, providing organizations the application-centric data protection and enterprise-grade resiliency they require.

To learn more about NetBackup for Kubernetes, visit Veritas.com/NetBackup and read our [VOX blog](#).

About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers—including 87 percent of the Fortune Global 500—rely on us to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms. Learn more at www.veritas.com. Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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