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Top Reasons to Use Veritas Alta™ Data Protection for Kubernetes

Integrated into Veritas Alta and NetBackup.

The current stage of IT transformation features containers as the best way to implement microservices-based architectures to build web-scale applications with shorter development cycles. This widespread and rapid adoption of contains has resulted in a significant demand for container orchestration solutions. Kubernetes (K8s) has become the de facto standard for container orchestration. Organizations are choosing to adopt Kubernetes for the benefit of automating software deployment, scaling, and management in a multicloud environment.

Veritas understands the importance of protecting Kubernetes, which is why we have made it an integral part of the Veritas Alta Data Protection and NetBackup framework. Veritas 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 with Simplified Native Deployment

Veritas Alta Data Protection for Kubernetes is platform-native and is specifically designed to seamlessly deploy and integrate into Kubernetes environments. It simplifies data management and reduces risk by eliminating the need for point products and by leveraging familiar tools and a single interface to manage your entire environment, with zero learning curve.

- Automatically discover and protect all user namespaces and individual resources, ensuring data is protected across all major Kubernetes distributions, on-premises or in the cloud
- Recover what you want to where you want using native Kubernetes constructs and APIs
- Autonomously protect resources with intelligent policy selections or by associating labels with protection plans
- Gain greater control of your application with the ability to include or exclude specific resources
- Optimize space and speed recovery with full ransomware resiliency and elastic data movement to any storage for tiering of backup copies
- Simplify administration with secure self-service data management and control user access to prevent potential malicious activity with a zero-trust model and role-based access controls (RBAC)
- Unlike other data protection and availability solutions for Kubernetes, Veritas 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, application-centric data protection solution is essential for ensuring Kubernetes workloads are easily protected and quickly recoverable.

- Protect all the components that comprise an application and recover K8s workloads quickly, efficiently, and with application-consistency
- Meet your hybrid and multi-cloud needs with flexible backup from on-premises and recovery to any cloud, and the granular recovery of individual resources in a Kubernetes namespace to the same or alternate Kubernetes cluster, or an alternative distribution of Kubernetes
- Extensible data movement provides flexible support for any NetBackup storage target, faster recovery with deduplication, the ability to rollback directly from snapshots, and longer-term tiering of backup data

3. Unified Protection for Your Entire Environment to Unlock Distribution Mobility

Veritas solves the greatest challenge of Kubernetes protection: the gap between on-premises and the cloud. Because an organization often uses multiple distributions and cloud providers, the result can be unnecessary fragmentation. By integrating Veritas Alta Data Protection as a part of NetBackup, we offer a unified approach that provides enterprise IT with greater certainty, agility, and control.

- Veritas Alta Data Protection for Kubernetes allows you to unlock the power of K8s' portability and elasticity with natively integrated data protection and resiliency
- Unified cross-platform recoverability that is both platform- and storage-agnostic enables backup from and recovery to any distribution
- Deliver even greater availability for containerized applications by augmenting native Kubernetes environments with Veritas Alta Shared Storage and Veritas InfoScale, a software-defined storage that is both hardware and platform-agnostic

No extra licenses. No extra costs. Veritas 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 Veritas Alta Data Protection for Kubernetes, visit Veritas.com/NetBackup and read our VOX blog.

About Veritas

Veritas Technologies is a leader in multi-cloud data management. Over 80,000 customers—including 95 percent of the Fortune 100—rely on Veritas to help ensure the protection, recoverability, and compliance of their data. Veritas has a reputation for reliability at scale, which delivers the resilience its customers need against the disruptions threatened by cyberattacks, like ransomware. No other vendor is able to match the ability of Veritas to execute, with support for 800+ data sources, 100+ operating systems, 1,400+ storage targets, and 60+ clouds through a single, unified approach. Powered by Cloud Scale Technology, Veritas is delivering today on its strategy for Autonomous Data Management that reduces operational overhead while delivering greater value. Learn more at www.veritas.com. Follow us on Twitter at @veritastechllc.

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