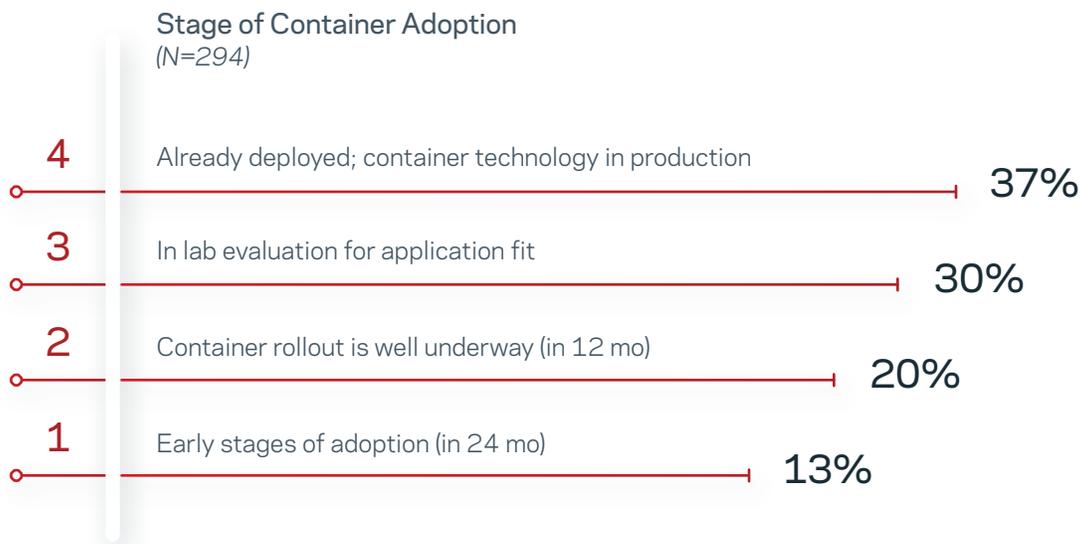


# Introducing Veritas InfoScale for Kubernetes

Delivering enterprise resiliency, mobility, and efficiency for Kubernetes mission-critical environments.

## Background

The global adoption of containers as a platform to improve IT service management and delivery has accelerated. Gartner predicts that 90% of global organizations will be running containerized applications in production by 2026. The Kubernetes container orchestration platform delivers game-changing business benefits that companies can no longer ignore. For example, Kubernetes facilitates faster time to market for new application features and services, as well as improved product and service quality with faster software updates and patches. Most importantly, it enables organizations to avoid vendor lock-in because containerizing workloads improves their portability. All these benefits provide a competitive edge for those companies that are the first to successfully adopt and manage this new application compute platform.



*Source: Cicero Implementing Data-Driven Strategy Report of containers. The stage and pace of container storage adoption among customers.*

Like all emerging technology, it will take time and engineering experience to develop and integrate advanced availability features for Kubernetes that allow organizations to achieve the same service level agreement (SLA) levels that they have with their current environment. Organizations are looking for solutions that can enable them to meet their SLAs for their mission-critical applications, so they can extract maximum value from their Kubernetes deployments. Veritas InfoScale™ provides this parity, filling capability gaps in Kubernetes to support stateful containerized applications with enterprise-class availability and recoverability.



## Introducing Veritas InfoScale for Kubernetes



Based on years of experience supporting mission-critical environments and expertise gained working with these new compute platforms, Veritas InfoScale for Kubernetes was created. The solution is specifically designed to advance the maturity of the container market, providing increased resiliency, mobility, and efficiency needed to support mission-critical applications in Kubernetes deployments. Veritas combines the portability of containers with the data services abstraction of InfoScale to help enterprises achieve their digital transformation and application modernization goals.

## Advanced Data Services for Stateful Applications

Veritas InfoScale for Kubernetes empowers enterprise customers and DevOps engineers to deploy enterprise-class data services with resiliency, mobility, and efficiency, using containerized applications on both native Kubernetes and Red Hat OpenShift™ deployments.

### Key Functionality

- **Resiliency** – Being IT resilient means being prepared for any type of disruption, planned or unplanned, to mitigate the risk of downtime or service disruption. InfoScale provides:



- o Automated or manual disaster recovery to protect against site failures. This includes multiple disaster recovery (DR) plans to simplify the setup and failover of persistent storage volumes, namespace, and cluster metadata to a remote hybrid-cloud site to continue application accessibility
- o Faster failover of faulty nodes within the cluster protects against potential data corruption and allows stateful application operations to resume in seconds

- **Mobility** – IT mobility is the ability to move information and services freely and easily to meet the needs of the business. InfoScale enables organizations to:



- o Replicate persistent storage volumes from test/dev clusters to production clusters with minimal disruption
- o Migrate persistent storage volumes across hybrid cloud environments to avoid vendor lock-in
- o Create persistent storage volumes snapshots for backup and recovery of mission-critical applications

- **Efficiency** – IT efficiency is about “doing more with less” by maintaining or improving the quality of IT services delivered to the organization, while reducing costs. InfoScale delivers:



- o A software-defined storage layer that enables IT to leverage existing server and SAN storage to create enterprise-class persistent storage volumes, while decreasing the need for additional capital expense
- o The ability to create persistent storage volume classes for high-performance, increased resilience, and secure encryption enables organizations to meet the different requirements of their applications

## Ease of Ordering

Veritas InfoScale for Kubernetes is available for on-premises and cloud deployments. The software can be downloaded via the Veritas download center or via the RedHat Catalog for Operators and comes in three editions with flexible subscription terms to meet your different IT and price requirements.

### Edition options:

- InfoScale for Kubernetes Enterprise Edition provides all the functionality listed above
- InfoScale for Kubernetes Storage Edition provides all the functionality listed above, minus the disaster recovery feature
- InfoScale for Kubernetes Developer Edition is free for non-production use for a maximum of three nodes in a single cluster and provides the same functionality as the InfoScale for Kubernetes Storage Edition

## Download Options:

### For Red Hat OpenShift:

- InfoScale can be installed directly from the OpenShift Operator console by searching for “InfoScale for Kubernetes”
- All the certified InfoScale container images can be found here, <https://catalog.redhat.com/software/containers/search?q=InfoScale%20for%20Kubernetes>

### For native Kubernetes:

- The free Developer Edition can be downloaded from, [https://www.veritas.com/content/support/en\\_US/downloads/detail.REL134671](https://www.veritas.com/content/support/en_US/downloads/detail.REL134671)
- The other editions can be downloaded with a valid entitlement by selecting the corresponding product SKU from, [https://www.veritas.com/content/support/en\\_US/downloads](https://www.veritas.com/content/support/en_US/downloads)

## Summary

Veritas InfoScale is a software-defined solution that has a long-standing history of innovation and support for the latest trends in IT. Unlike point solutions for physical, virtual, cloud platforms, and containers, InfoScale is a single enterprise solution for managing SLAs for your mission-critical applications, to keep your business running.

## About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers—including 95 percent of the Fortune 100—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](http://www.veritas.com). Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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