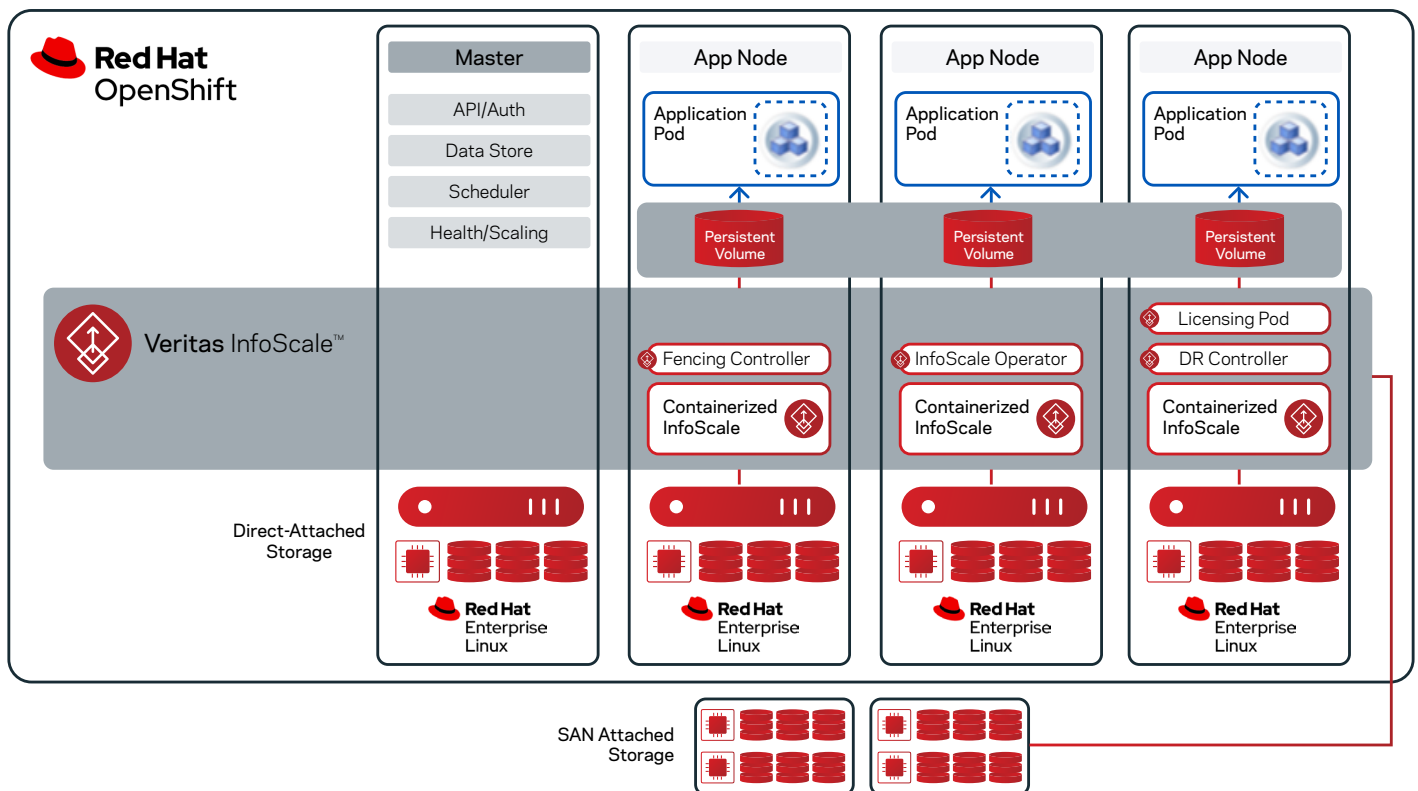


# What's New in InfoScale 8.0

Get native Kubernetes and Red Hat OpenShift Environment support plus multiple improvements for core and cloud environments.

## Background

Veritas InfoScale™ has a long history of supporting evolving technology shifts with the advanced availability and infrastructure storage agility the top 10 financial, telco, investment banks, and healthcare institutions depend on today. With the addition of Red Hat OpenShift™ support in InfoScale 8.0, we deliver another evolution of InfoScale by providing always-on availability and scalability for the next generation of application development and deployments in the ever-changing IT landscape.



## Expanding Infoscale Support

Red Hat OpenShift is quickly becoming one of the most widely adopted Kubernetes platforms for building and scaling containerized production applications. With InfoScale 8.0, organizations will be able to deploy InfoScale as a container in native Kubernetes and Red Hat OpenShift platforms. Native deployment will make it easier to integrate InfoScale's high availability, persistent storage, and storage optimization for mission-critical stateful Kubernetes workloads.

## Advanced Data Services for Containerized Applications

InfoScale 8.0 will empower enterprise customers and DevOps engineers to deploy the following enterprise-class data services for the containerized and micro-service applications of both native Kubernetes and Open Shift environments:

- **Simplified deployment model**—InfoScale is now available as an Operator bundle on the Red Hat Catalog and OperatorHub.io. This will enable customers to deploy InfoScale with single-click native InfoScale deployment in Red Hat OpenShift container environments.
- **Software-defined persistent storage volumes**—Enables customers to support for multiple container application requirements by leveraging existing storage area network (SAN) or direct-attached storage (DAS) storage.
- **CSI API driver**—Facilitates static and dynamic provisioning of storage for applications, with RWX, RWO and ROX access modes.
- **Life cycle management**—Enables automated deployment, configuration, and upgrades of InfoScale software-defined container images. Certified and integrated with Red Hat OpenShift™ for a single-click deployment.
- **Advanced availability**—Provides scaling, mounting, and or movement of InfoScale persistent storage volumes on cluster nodes with minimal disruption.
- **Increased data integrity**—Prevents data corruption by allowing only the active cluster nodes to write to the volume. The I/O fencing feature helps recover from cluster disruptions more quickly by ensuring that disrupted pods are not allowed to write until they are moved to another node to continue normal operations.
- **Point-in-time data copies**—Creates snapshots of Persistent Volumes for backup products, data analytics or forensic discovery and analysis.
- **Disaster Recovery (DR) tech preview**—This DR feature provides the ability to test and validate disaster recovery capabilities by migrating Kubernetes cluster metadata and application components to a peer cluster in case of a local or remote disaster.

## Additional Improvements to InfoScale Core Capabilities

### Improved Performance

- Veritas File Replicator (VFR)—Improved performance across HDD and SSD drives via increased network utilization
- DB2 enhancements—Enhancement to the Veritas File System (VxFS) for faster restore times, and the introduction of parallel direct I/O increases overall DB2 performance

### Automation

- Additional integration with Ansible—Patch deployment, test automation, add delete node support, add and remove security settings, and configuring I/O Fencing

### Third-Party Integration

- Deeper integration with YUM—Red Hat Satellite and CPI package support
- Public YUM Repository—Direct access to patch, download, and upgrade Linux Clusters

### Ransomware Protection

- Infinite retention lock—Support for WORM beyond 2038 to protect the most sensitive data
- Immutable checkpoint—Read-only WORM checkpoints that can't be changed
- SoftWORM—Enables root users to modify retention time down to an individual file level
- Replication enhancement—Veritas File Replication (VFR) now supports both WORM and SoftWORM files



## VMware Support

- VCS VMware Disk Agent improvement—Delete VMDK snapshot command added to allow application failover in VMware

## Cloud Adoption

- CFT and ARM template refresh—Increased ease of use for multi-node FSS clusters for AWS and Azure
- Additional cloud storage support—Support for Ultra SSD for DR for Azure

InfoScale's industry-leading data management and availability technology provides the functionality and confidence organizations need to run applications in containerized environments on native Kubernetes and OpenShift. 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 service-level agreements (SLAs) for your mission-critical applications to ensure business readiness.

## Additional Information

For more information on Veritas InfoScale, visit the [InfoScale product page](#).

## 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](http://www.veritas.com). Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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