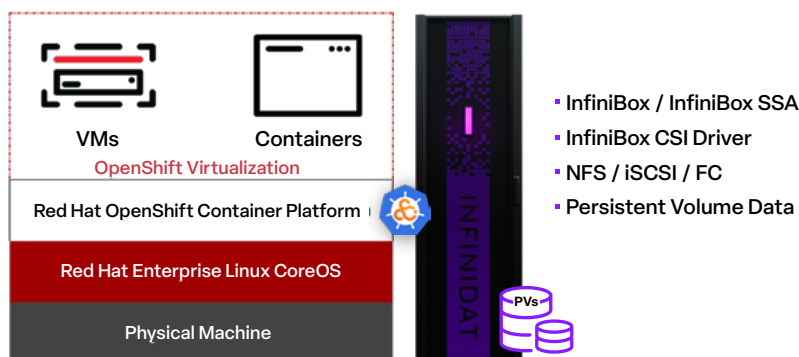


InfiniBox® Enterprise Storage for Red Hat OpenShift Virtualization

The Infinidat InfiniBox solution has been successfully tested to work with Red Hat OpenShift Virtualization. This technical validation opens new possibilities for enterprise customers and channel partners to deploy, migrate, and manage new and existing virtual machine (VM) workloads and virtualized applications using Red Hat OpenShift Virtualization. It also builds on the success that Infinidat has had with the certified InfiniBox Container Storage Interface (CSI) driver for petabyte-scale Kubernetes deployments of Red Hat OpenShift in hybrid and multi-cloud environments with both high-performance enterprise primary storage and data protection/backup needs.

Large enterprises, public sector agencies, and service providers are adopting Red Hat OpenShift Virtualization for their core applications. OpenShift Virtualization is a core feature included with any OpenShift subscription. It enables infrastructure architects to create and add virtualized applications to their projects from OperatorHub in the same way they would for a containerized application.



OpenShift Virtualization represents a unified approach to enable IT organizations to bring standard VM-based workloads to Kubernetes and container deployments, helping eliminate the workflow and development silos that typically exist between traditional and cloud-native application stacks. OpenShift is a consistent foundation for delivering Kubernetes applications, especially benefiting hybrid cloud management models.

Solution Features

OpenShift + Infinidat

Simplified, seamless and rapid integration of persistent storage to your Kubernetes environment via the OperatorHub

Multi-protocol Flexibility

Customers can manage Kubernetes Persistent Volumes attached via block and file protocols, including Fibre Channel, iSCSI, and NFS, with all access modes

Multi-petabyte Scalability

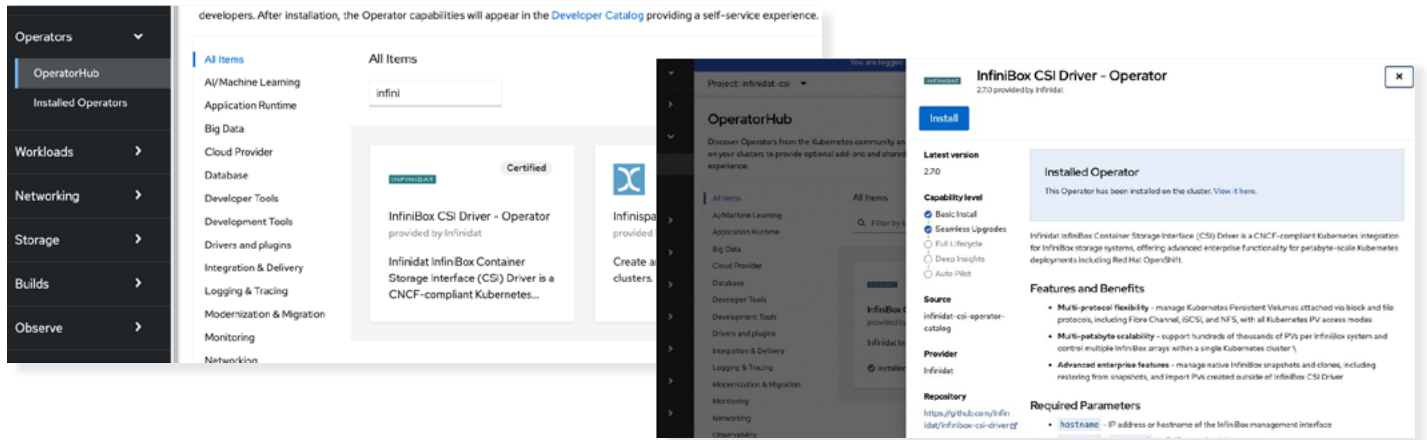
Support hundreds of thousands of PVs per InfiniBox system and control multiple InfiniBox arrays within a single Kubernetes cluster

Advanced Enterprise Features

Manage native InfiniBox snapshots and clones, restore from snapshots, import PVs created outside of InfiniBox CSI Driver, automatic updates with no administrative hassle

Infinidat InfiniBox Container Storage Interface (CSI) Driver is a CNCF-compliant Kubernetes integration for InfiniBox storage systems, offering advanced enterprise functionality for petabyte-scale Kubernetes deployments including Red Hat OpenShift and OpenShift Virtualization.

InfiniBox CSI Driver can be deployed from the OpenShift OperatorHub, as pictured below, or via Helm charts.



The Infinidat CSI driver provides to OpenShift and OpenShift Virtualization the InfiniBox enterprise features that large customers have come to rely on for their mission-critical applications:



Multi-protocol Flexibility

Manage Kubernetes Persistent Volumes attached via block and file protocols, including Fibre Channel, iSCSI, and NFS, with all Kubernetes PV access modes.



Multi-petabyte Scalability

Support hundreds of thousands of PVs per InfiniBox system and control multiple InfiniBox arrays within a single Kubernetes cluster.



Leverage Advanced Enterprise Features

Manage native InfiniBox snapshots and clones, including restoring from snapshots, and importing PVs created outside of InfiniBox CSI Driver.

Combined with Infinidat's guaranteed SLAs for performance, 100% availability, and cyber storage resilience, InfiniBox is the most feature-rich solution for OpenShift Virtualization deployments.