

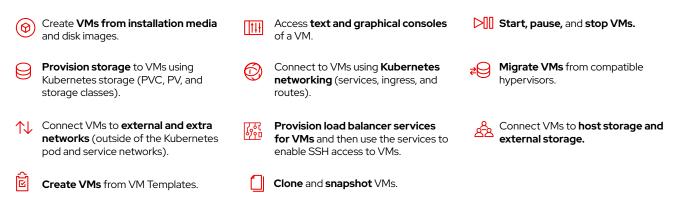
Managing Virtual Machines with Red Hat OpenShift Virtualization with Exam



Discount Available

Get the Managing Virtual Machines with **Red Hat OpenShift Virtualization with Exam (DO317) at 70% off local MSRP, now through 31 December 2024.** You must select the self-paced version of the course plus the exam to receive this offer. Discount will be applied to the local MSRP of eligible offerings at checkout. This offer may not be combined with other offers or discounts.

Course Content Summary



Course Description

Create and manage virtual machines on OpenShift using the Red Hat OpenShift Virtualization operator. Managing Virtual Machines with OpenShift Virtualization with exam teaches the essential skills required to create and manage virtual machines (VM) on OpenShift using the Red Hat OpenShift Virtualization operator. **This course does not require previous knowledge of containers and Kubernetes. The Red Hat Certified Specialist in OpenShift Virtualization (EX316) is included in this offering.**

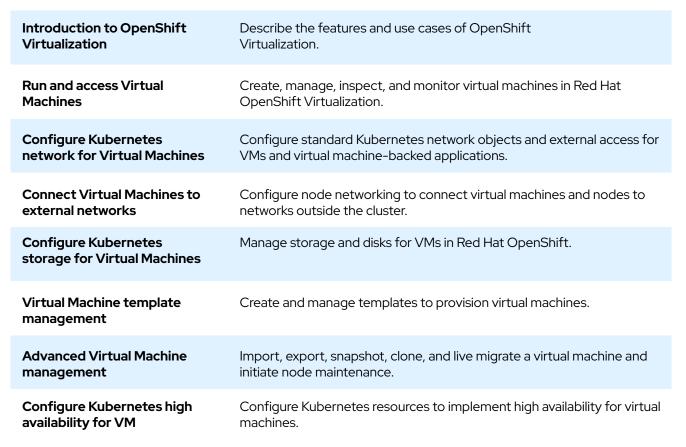
This course provides:

- Skills required to create, access, and manage VMs on OpenShift clusters.
- Skills required to control usage and access of cpu, memory, storage, and networking resources from VMs using the same Kubernetes features that would also control usage and access to these resources for containers.
- **Sample architectures to manage High Availability** (HA) of VMs using standard Kubernetes features and extensions from OpenShift Virtualization.
- Strategies to connect VMs on OpenShift to data center services outside of their OpenShift cluster, such as storage and databases.

Target Audience

- Virtual Machine Administrators interested in moving virtualized workloads from traditional Hypervisors to OpenShift Virtualization.
- Kubernetes Administrators (Cluster Administrators, Clusters Engineers) interested in supporting containerized and virtualized workloads in the same OpenShift cluster.
- **Site Reliability Engineers** interested in using GitOps and Ansible Automation to manage Virtual Machines on OpenShift.

Course Outline



Impact on the Organization

OpenShift Virtualization allows organizations to realize operational savings by managing virtualized workloads and containerized workloads together using the same orchestration and clustering infrastructure provided by Red Hat OpenShift.

Deploying Virtual Machines (VMs) on OpenShift also eases integration of traditional server-based applications with more modern cloud-native applications and their supporting practices such as CI/CD, DevOps, and SRE to take advantage of quicker time-to-market and other benefits from these practices, without having to first redesign virtualized workloads as container-native workloads.

Impact on the Individual

IT professionals will learn to deploy and manage virtualized workloads on OpenShift.

Learn more

