DO316 Managing Virtual Machines with Red Hat OpenShift Virtualization

Course outline

Introduction to OpenShift Virtualization

Describe the features and use cases of OpenShift Virtualization.

Run and access Virtual Machines

Create, manage, inspect, and monitor virtual machines in Red Hat OpenShift Virtualization.

Configure Kubernetes network for Virtual Machines

Configure standard Kubernetes network objects and external access for VMs and virtual machine-backed applications.

Connect Virtual Machines to external networks

Configure node networking to connect virtual machines and nodes to networks outside the cluster.

Configure Kubernetes storage for Virtual Machines

Manage storage and disks for VMs in Red Hat OpenShift.

Virtual Machine template management

Create and manage templates to provision virtual machines.

Advanced Virtual Machine management

Snapshot, clone, and live migrate a virtual machine and initiate node maintenance.

Configure Kubernetes high availability for Virtual Machines

Configure Kubernetes resources to implement high availability for virtual machines.