

Red Hat OpenShift Administration

Duration: 3 Days · **Training format:** Virtual Classroom / Online

Description

OpenShift is a containerized application platform that allows enterprises to manage container deployments and scale their applications using Kubernetes. OpenShift provides predefined application environments and builds upon Kubernetes to provide support for DevOps principles such as reduced time to market, infrastructure-as-code, continuous integration (CI), and continuous delivery (CD).

OpenShift Administration Level I teaches you how to install and administer the Red Hat OpenShift Container Platform. This hands-on, lab-based course shows you how to install, configure, and manage OpenShift clusters and deploy sample applications to further understand how developers will use the platform.

Delegates will learn to

- Install an OpenShift Container Platform cluster
- Configure and manage masters and nodes
- Secure OpenShift
- Control access to resources on OpenShift
- Monitor and collect metrics on OpenShift
- Deploy applications on OpenShift Platform Container using Source-to-Image
- Manage storage on OpenShift

Audience

This course is designed for system administrators, system architects, and developers who want to install and configure Red Hat OpenShift Container Platform.

Outline

Introduction to Red Hat OpenShift Container Platform

Install OpenShift Container Platform

Explore OpenShift networking concepts

Execute commands

Manage OpenShift resources

Allocate persistent storage

Manage application deployments

Metrics subsystem

Manage and monitor

Prerequisites

Red Hat Enterprise Linux system administration experience

Experience with containers, Kubernetes, and OpenShift basics