

OPENSIFT ENTERPRISE ADMINISTRATION

Course overview:

Students will learn how to deploy, configure, monitor, and maintain OpenShift Enterprise broker and OpenShift Enterprise node hosts and how to deploy and manage applications in the OpenShift Enterprise cloud environment.

Duration of Training: 7 weekends

Prerequisites for this course

Red Hat Certified System Administrator (RHCSA) certification or equivalent experience is required. Red Hat Certified Engineer (RHCE) certification or equivalent experience is recommended.

Course summary

Deploy OpenShift Enterprise infrastructure
Deploy OpenShift Enterprise node
Monitor OpenShift Enterprise infrastructure
Deploy applications to OpenShift Enterprise
Customize application platforms
Manage applications running on OpenShift Enterprise
Manage deployment environments
Configure automatic and manual scaling for OpenShift Enterprise applications
Obtain usage analytics
Outline for this course

What is OpenShift?

Understand the OpenShift Enterprise architecture.

- Deploy OpenShift
- Perform an automated deployment of OpenShift Enterprise.
- Deploy an infrastructure host
- Install and configure an OpenShift Enterprise broker host.
- Deploy a node host
- Install and configure an OpenShift Enterprise node host.
- Resource management
- Configure user and gear limits.
- Create and configure districts.
- Deploy applications
- Deploy and manage applications on OpenShift Enterprise using command line tools.
- Use quickstarts
- Hit the ground running with pre-built applications.
- Obtain metrics with Watchman
- Configure and manage OpenShift Enterprise metrics with Watchman.
- Use administration console

- Get usage stats of OpenShift Enterprise with administration console.
- Create and deploy custom cartridges
- Understand custom cartridges development and deployment on OpenShift Enterprise.
- Map a development team
- Map a development team structure using OpenShift Enterprise user schema options

