Red Hat Certified Specialist in OpenShift Administration

Why Red Hat Certified Specialist in OpenShift Administration Certification ?

Containers and OpenShift have quickly become the de facto solution for agile development and application deployment.

A container-based architecture, orchestrated with Kubernetes and OpenShift, improves application reliability, scalability, decreases developer overhead, and facilitates continuous integration and continuous deployment.

An IT professional who is a Red Hat Certified Specialist in OpenShift Administration is able to:

- Manage OpenShift Container Platform
- Manage users and policies
- Control access to resources
- Configure networking components
- Create and manage applications
- Configure pod scheduling
- Configure cluster scaling

Training Solutions:

√ Offline Classroom Instructor-Led Training in our labs or onsite Locations.

√ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

Why Learners Prefer CLS as their Training Services provider ?

■ Premuim Training Services Accredited from Global Technology Vendors.

■ Best Rated Experts & Certified Trainers in Egypt.

■ Official Training Hours, Practice Labs, Hands-on Learning.

■ CLS Training Classrooms are designed with High Edge PCs and Training Facilities.

■ Return on Training Investment is Guaranteed to boost performance.

Red Hat Certified Specialist — OpenShift Administration

- Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster Course content summary:

  - Describe the Red Hat OpenShift Container Platform cluster installation and update processes
  - Troubleshoot application deployments
  - Configure authentication using local users
  - Control access to projects using role-based access control (RBAC)
  - Expose applications to clients external to the cluster using TLS encryption
  - Configure network isolation between services and applications using network policies
  - Configure application scheduling using labels and selectors
  - Limit compute resource usage of applications with resource limits and quotas
  - Manage a cluster and deployed applications with the Web Console
  - Install Kubernetes Operators with the Web Console

  Outline for this course

  - Describe the Red Hat OpenShift Container Platform
  - Verify the health of a cluster
  - Configure authentication and authorization
  - Configure application security
  - Configure OpenShift networking for applications
  - Control pod scheduling
  - Describe cluster updates
  - Manage a cluster with the web console

Overview:

Demonstrated the skills, knowledge, and abilities needed to create, configure, and manage a cloud application platform using Red Hat® OpenShift.

In preparation to becoming a Red Hat Certified Specialist in OpenShift Administration, Red Hat recommends the following courses:

Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster (DO280)

Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster (DO280) teaches you how to configure, troubleshoot, and manage Red Hat® OpenShift® Container Platform. This hands-on, lab-based course shows you how to verify the successful installation of a cluster, manage it on a day-to-day basis, and troubleshoot the deployment of containerized applications.

Audience Profile :

System administrators or developers who want to demonstrate their OpenShift Container Platform skills. Red Hat Certified System Administrators (RHCSAs), or those with equivalent skills.
Site reliability engineers or others who work in a DevOps environment and want to demonstrate their capabilities with Red Hat OpenShift Container Platform

Prerequisites:

Experience in the use of a Linux terminal session, issuing operating system commands, and familiarity with shell scripting.
A Red Hat Certified System Administrator (RHCSA) certification is recommended.
Some experience with web application architectures and their corresponding technologies.