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Red Hat

Red Hat OpenShift Administration I with exam

CODE:	DURÉE:	PRIX H.T.:
REH_DO281	32 Hours (4 Jours)	€2,510.00

Description

OpenShift Enterprise Administration (DO281) prepares the system administrator to install, configure, and manage [OpenShift Enterprise by Red Hat®](#) instances. OpenShift Enterprise, Red Hat's platform-as-a-service (PaaS) offering, provides pre-defined deployment environments for applications of all types through its use of container technology. This enables an environment that supports DevOps principles such as reduced time to market and continuous delivery. This course also includes the Red Hat Certificate of Expertise in Platform-as-a-Service exam (EX280).

Objectifs

OpenShift Enterprise is a key technology in Red Hat's DevOps story. Using PaaS has proven to accelerate time to market for many organizations. This course provides the knowledge to take advantage of the platform in a popular DevOps environment. In this course, students will learn how to install and configure an instance of OpenShift Enterprise, test the instance by deploying a real world application, and manage projects/applications through hands-on labs.

Content summary

- Container concepts
- Configuring resources with the command line interface
- Building a pod
- Enabling services for a pod
- Creating routes
- Downloading and configuring images
- Rolling back and activating deployments
- Creating custom S2I images
- Comprehensive review

Audience

This course is designed for system administrators responsible for creating OpenShift Enterprise instances, deploying applications, creating process customizations, and managing instances and projects.

Training Development

Introduction to Red Hat OpenShift Enterprise

Review features and architecture of OpenShift Enterprise.

Install OpenShift Enterprise

Install OpenShift Enterprise and configure a master and node.

Execute commands

Execute commands using the command line interface.

Build applications

Create, build, and deploy applications to an OpenShift Enterprise instance.

Persistent storage

Provision persistent storage and use it for the internal registry.

Build applications with source-to-image (S2I)

Create and build applications with S2I and templates.

Manage the system

Use OpenShift Enterprise components to manage deployed applications.

Customize OpenShift Enterprise

Customize resources and processes used by OpenShift Enterprise.

Comprehensive review

Practice and demonstrate knowledge and skills learned in the course.

Prérequis

Red Hat recommends these prerequisites:

- Have taken Managing Containers with [Red Hat Enterprise Linux Atomic Host \(RH270\)](#) for a deeper understanding of the architecture used by OpenShift, or equivalent experience
- Have taken [Red Hat Enterprise Linux Administration I](#) and [II \(RH124 and RH134\)](#), or equivalent Red Hat Enterprise Linux® system administration experience
- Be certified as a [Red Hat Certified System Administrator](#), or equivalent Red Hat Enterprise Linux system administration experience
- Be certified as a [Red Hat Certified Engineer](#)

Dates de session

Sur demande. [Merci de nous contacter](#)

Informations

Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)