Red Hat OpenShift Administration II: Configuring a Production Cluster with Exam

Varighed: 4 Days   Kursus Kode: DO281

Beskrivelse:

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.

Målgruppe:

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

Agenda:

- 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

- Note: OpenShift Enterprise Administration (DO281) is one of our emerging technology courses. This series of courses focuses on Red Hat's newer, evolving technologies. Emerging technologies courses are feature- and functionality-focused and are conducted like guided labs, with little to no lecture.

Forudsætninger:

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

Indhold:

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.

Note: Course outline is subject to change with technology advances and as the nature of the underlying job evolves. For questions or confirmation on a specific objective or topic, please contact us.

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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