Red Hat OpenStack Administration I: Core Operations for Domain Operators

Code:	CL110
Length:	5 days
URL:	View Online

Red Hat OpenStack Administration I: Core Operations for Cloud Operators (CL110) is designed for system administrators who are intending to implement a cloud computing environment using OpenStack. You will learn how to configure, use, and maintain Red Hat® OpenStack Platform. dashboard (Horizon).

Skills Gained

- Launch an instance.

- Manage projects, quotas, and users.

- Manage networks, subnets, routers, and floating IP addresses.

- Create and manage block and object storage in the OpenStack framework.

- Customize instances with cloud-init.

- Deploy scalable stacks.

- Deploy Red Hat OpenStack Platform using RHOSP director.

Who Can Benefit

- This course is designed for Linux system administrators, cloud administrators, and cloud operators interested in, or responsible for, maintaining a private or hybrid cloud.

Prerequisites

- Become a Red Hat Certified System Administrator (RHCSA) or demonstrate equivalent experience

Course Details

Exam/Certification

- Red Hat Certified System Administrator in Red Hat OpenStack Exam (EX210) is based on a combination of this course and

Introduce launching an instance

- Launch an instance and describe the OpenStack architecture and use cases.

Organize people and resources

- Manage projects, users, roles, and quotas.

Describe cloud computing

- Describe the changes in technology and processes for cloud computing.

Manage Linux networks

- Administer Linux networks and bridges.

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Prepare to deploy an instance with public access

- Manage images, flavors, and private networks in preparation for launching an instance.

Deploy an instance

- Launch and verify an instance.

Manage block storage

- Manage ephemeral and persistent block storage.

Manage object storage

- Administer object storage.

Prepare to deploy an external instance

- Manage external networks and security in preparation for launching an instance with public access.

Deploy an instance with public access

- Launch and verify an instance with public access.

Customize instances

- Customize an instance with cloud-init.

Deploy scalable stacks

- Deploy a stack and configure autoscaling.

Install an OpenStack overcloud

- Install an OpenStack proof of concept using the director UI and provisioning service templates.

Lab: Comprehensive review of CL110

- Review tasks in the Red Hat OpenStack Administration I: Core Operations for Cloud Operators course.

Download Whitepaper: Accelerate Your Modernization Efforts with a Cloud-Native Strategy

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