

RED HAT OPENSTACK ADMINISTRATION I (CL110)

Learn how to install, configure, use, and maintain Red Hat OpenStack Platform.

DATASHEET

COURSE CONTENT SUMMARY:

- Launch an instance using the Horizon dashboard.
- Manage projects, quotas, and users.
- Manage networks, subnets, routers, and floating IP addresses using the Horizon dashboard.
- Manage the Keystone identity service using the unified command-line interface.
- Manage instances using the unified command-line interface.
- Deploy Red Hat OpenStack Platform using PackStack.

Note: This course is based on Red Hat OpenStack Platform 8.

Red Hat OpenStack Administration I (CL110) is designed for system administrators who are intending to implement a cloud computing environment using Red Hat® OpenStack® Platform. This course will teach students to install a proof-of-concept as well as configure, use, and maintain Red Hat OpenStack Platform. This course covers the following core services: identity (Keystone), block storage (Cinder), image (Glance), networking (Neutron), compute and controller (Nova), and dashboard (Horizon).

AUDIENCE

Linux system administrators and cloud administrators interested in, or responsible for, maintaining a private cloud

PREREQUISITES FOR THIS COURSE

Red Hat Certified System Administrator (RHCSA®) in Red Hat Enterprise Linux® certification or equivalent experience

COURSE OUTLINE

COURSE INTRODUCTION

Introduce and review the course.

LAUNCH AN INSTANCE

Launch an instance and describe the terminology and services used in OpenStack.

MANAGE PROJECTS AND USERS

Manage projects and users using Horizon.

MANAGE PROJECT QUOTAS

Manage project quotas using Horizon.

MANAGE FLAVORS

Manage flavors using Horizon.

MANAGE IMAGES

Manage images using Horizon.

MANAGE NETWORKS

Manage networks using Horizon.

MANAGE FLOATING IP ADDRESSES

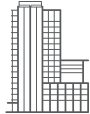
Manage floating IP addresses using Horizon.

MANAGE BLOCK STORAGE

Manage block storage using Horizon.



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**ABOUT RED HAT**

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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MANAGE SECURITY AND ACCESS

Manage security and access to instances using Horizon.

MANAGE INSTANCES

Manage instances using Horizon.

INSTALL OPENSTACK

Install an OpenStack proof of concept using PackStack.

MANAGE THE KEYSTONE IDENTITY SERVICE

Manage the Keystone identity service using the command-line interface.

PREPARE TO LAUNCH INSTANCES WITH THE COMMAND-LINE INTERFACE

Prepare to launch instances and manage instances using the command-line interface.

MANAGE INSTANCES WITH THE COMMAND-LINE INTERFACE

Manage instances using the command-line interface.

MANAGE BLOCK STORAGE WITH THE COMMAND-LINE INTERFACE

Manage block storage using the command-line interface.

COMPREHENSIVE REVIEW OF RED HAT OPENSTACK ADMINISTRATION I

Review tasks in the Red Hat OpenStack Administration I course.

AFTER THIS COURSE**Red Hat OpenStack Administration II (CL210)**

Red Hat OpenStack Administration II (CL210) teaches system administrators how to implement a cloud-computing environment using Red Hat OpenStack Platform, including installation, configuration, and maintenance.

Red Hat OpenStack Administration II with exam (CL211)

Red Hat OpenStack Administration II with exam (CL211) teaches system administrators how to implement a cloud-computing environment using Red Hat OpenStack Platform, including installation, configuration, and maintenance and then prove your skills, knowledge, and abilities needed to create, configure, and manage private clouds using the Red Hat OpenStack Platform with Red Hat Certified System Administrator in Red Hat OpenStack exam (EX210).

Red Hat Certified System Administrator in Red Hat OpenStack exam (EX210)

Prove your skills, knowledge, and abilities needed to create, configure, and manage private clouds using the Red Hat OpenStack Platform with Red Hat Certified System Administrator in Red Hat OpenStack exam (EX210).