

Red Hat OpenStack Administration I: Core Services and Operations for Domain Operators

Duration: 5 Days Course Code: CL110

Overview:

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

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 is based on Red Hat Enterprise Linux OpenStack Platform 8.

This course will teach students to install a proof-of-concept, configure, use, and maintain Red Hat OpenStack Platform. This course covers the core services: identity (Keystone), block storage (Cinder), image (Glance), networking (Neutron), compute and controller (Nova), and dashboard (Horizon).

Target Audience:

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

Objectives:

- 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

Prerequisites:

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

Follow-on-Courses:

CL210

Content:

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| Course introduction | Manage networks | Manage the Keystone identity service |
| Introduce and review the course. | Manage networks using Horizon. | Manage the Keystone identity service using the command-line interface. |
| Launch an instance | Manage floating IP addresses | Prepare to launch instances with the command-line interface |
| Launch an instance and describe the terminology and services used in OpenStack. | Manage networks using Horizon. | Prepare to launch instances and manage instances using the command-line interface. |
| Manage projects and users | Manage block storage | Manage instances with the command-line interface |
| Manage projects and users using Horizon. | Manage block storage using Horizon. | Manage instances using the command-line interface. |
| Manage project quotas | Manage security and access | Manage block storage with the command-line interface |
| Manage project quotas using Horizon. | Manage security and access to instances using Horizon. | Manage block storage using the command-line interface. |
| Manage flavors | Manage instances with Horizon | Comprehensive review of Red Hat OpenStack Administration I |
| Manage flavors using Horizon. | Manage instances using Horizon. | Review tasks in the Red Hat OpenStack Administration I course. |
| Manage images | Install OpenStack | |
| Manage images using Horizon. | Install an OpenStack proof of concept using PackStack. | |

Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

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