

# Red Hat OpenStack Administration Online

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**Code:** CL210SP  
**URL:** [View Online](#)

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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

- This course can also help your prepare for the Red Hat Certified System Administrator in Red Hat OpenStack exam (EX210).

## Skills Gained

- Build and customize an image
- Write a Heat template
- Diagnose and troubleshoot OpenStack issues holistically
- Manage Ceph storage in an OpenStack environment
- Scale compute nodes
- Migrate instances
- Scale stacks automatically

## Who Can Benefit

This course is designed for Linux® system administrators, cloud administrators, and cloud operators.

## Prerequisites

Red Hat OpenStack Administration I (CL110) course or equivalent Red Hat Certified System Administrator (RHCSA) certification or equivalent knowledge and experience

## Course Details

### Course introduction

- Introduce and review the course.

### Manage an enterprise OpenStack deployment

- Manage the undercloud, the overcloud, and related services.

## **Manage internal OpenStack communication**

- Administer the Keystone identity service and the advanced message queueing protocol (AMQP) messaging service.

## **Build and customize images**

- Build and customize images.

## **Manage storage**

- Manage Ceph and Swift storage for OpenStack.

## **Manage resilient compute resources**

- Add compute nodes, manage shared storage, and perform live instance migration.

## **Manage and troubleshoot**

- Manage and troubleshoot virtual network infrastructure.

## **Manage resilient compute resources**

- Add compute nodes, manage shared storage, and perform live instance migration.

## **Troubleshoot OpenStack issues**

- Diagnose and troubleshoot OpenStack issues and services.

## **Monitor cloud metrics for autoscaling**

- Monitor and analyze cloud metrics for use in orchestration autoscaling.

## **Orchestrate deployments**

- Deploy Heat stacks that automatically scale.

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