



# Course: SOC201 OpenStack Administration with SUSE OpenStack Cloud



### Training Level:

- ❑ Intermediate

### Duration:

- ❑ 2 days

### Course Overview

This course is designed for system administrators and others who want to learn how to administer an OpenStack Cloud.

Participants receive a comprehensive understanding of the tasks necessary to administer an OpenStack cloud and then use common tools that are included with an OpenStack distribution to administer a SUSE OpenStack cloud.

This course prepares the participants to take and pass the Certified OpenStack Administrator (COA) exam.

### Key Objectives

During this course you will learn:

- ❑ Create and Manage Projects, Users and Domains
- ❑ Import and Use Cloud Images
- ❑ Create and Use Software Defined Networks
- ❑ Configure and Access Object and Block Storage
- ❑ Launch Workload Instances in the Cloud
- ❑ Orchestrate Cloud Application Stacks

### Audience

This course is designed for system administrators and others who want to learn how to administer an OpenStack Cloud.

### Prerequisites

Attendees should have familiarity with the Command Line, Linux System Administration skills and attention to details. SUSE Certified Administrator (SCA) in Enterprise Linux or SUSE Certified Linux Engineer (SCE) in Enterprise Linux certification or level of experience recommended.

## Course Outline

- ❑ Section 1: Lab Environment Setup
- ❑ Section 2: Introduction to SUSE OpenStack Cloud
- ❑ Section 3: Introduction to OpenStack Cloud Administration
- ❑ Section 4: Work with OpenStack Tenants
- ❑ Section 5: Work with OpenStack Domains and Groups
- ❑ Section 6: Work with Cloud Images
- ❑ Section 7: Work with Software-defined Networks
- ❑ Section 8: Work with Workload Instances
- ❑ Section 9: Work with Block Storage
- ❑ Section 10: Work with Object Storage
- ❑ Section 11: Orchestrate the Lifecycle of Cloud Applications

## SUSE Training

Information about SUSE Training can be found at:

<https://training.suse.com>



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Contact [suse-training@suse.com](mailto:suse-training@suse.com) with any questions.