# Open Stack Administration Bootcamp (OS 250) Training

Duration: **5 Day**

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## Overview

**Accelerate your adoption of OpenStack with this rapid introduction to its components and their operation and administration, bundle course (GK #100822 Open Stack Essentials and GK #100823 Open Stack Administration and Operations).**

The OpenStack Administration Bootcamp course is a 5 day class designed to introduce you to OpenStack and its components (day 1) and then provide you with a complete experience with administering and operating the most common OpenStack components to implement Infrastructure as a Service (IaaS) in a private cloud; from image management to instance creation to network plugins and more (days 2-4).

At the end of this class, you have the skills required to pass the COA exam.

All Mirantis OpenStack courses are vendor agnostic. Tasks are performed in an OpenStack environment without any vendor add-ons that might change the way OpenStack works. Reference implementations are utilized, such as Logical Volume Manager (LVM) for Block Storage, Open vSwitch (OVS) for L2 networking, or KVM/QEMU for the hypervisor.

**Who Should Attend?**

This course is targeted at students with the following:

- **Skills:**
  - Basic understanding of cloud and virtualization technologies
  - Basic hypervisor skills are beneficial, such as KVM or VMware, but not required
  - Basic Linux skills
  - Basic understanding of OpenStack
- **Motivations:** Learn the critical skills needed to operate and administer an OpenStack environment
- **Roles:** System/network administrators, Technical IT Professionals, Deployment engineers, Cloud administrators, & Cloud operations

## Prerequisites

- Solid Linux command line skills
- Familiarity with the OpenStack Dashboard UI & command line client
- Although not required, an understanding of hypervisors, virtualization, networking, and storage concepts is beneficial

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## What You Will Learn

Students will learn installation and configuration of OpenStack and detailed understanding of all of the steps necessary to operate an OpenStack environment.