

## OpenStack Bootcamp I (OS100)

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**Duration:** 3 days

### Course Overview

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The OpenStack Bootcamp I course covers the critical skills needed to operate an OpenStack cluster. Upon completing this course, students will be able to:

- Describe the architecture of an OpenStack Cloud Environment
- Define the key features of OpenStack
- Identify suitable use-cases for OpenStack
- Implement and use Image, Identity, and Dashboard services
- Create and manage images and instances
- Create and manage roles, users, and quotas
- Find additional OpenStack help and support resources
- Use the CLI and Dashboard
- Create and manage roles, permissions, and ACLs

### Target Audience

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- Systems Administrators
- Technical IT Professionals

### Course Objectives

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- Chapter 1: Course introduction
- Chapter 2: OpenStack Overview and Architecture
- Chapter 3: OpenStack Networking deep dive
- Chapter 4: OpenStack Swift Architecture
- Chapter 5: Ceilometer Overview and Architecture
- Chapter 6: Heat Overview and Architecture
- Chapter 7: Comprehensive Review.

### Pre-Requisites

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None