

OpenStack Bootcamp III (OS300)

Duration: 3 days

Course Overview

After completing this course, you will understand:

- Different deployment modes for OpenStack services
- Different deployment modes for OpenStack services in a multi-node cloud
- Different architectures of highly available (HA) OpenStack cloud
- Ceph concepts, features, and how it fits with OpenStack
- OpenStack Networking concepts and features
- How to use OpenStack Fuel to deploy a highly available OpenStack cloud from scratch
- Use OpenStack Murano and Application Catalog to deploy applications on top of OpenStack
- Use OpenStack Sahara to deploy and manage a data-intensive application cluster (Hadoop or Spark) on top of OpenStack
- Use the existing Fuel plugins and implement custom plugins to extend Fuel

Target Audience

- Systems Administrators
- Technical IT Professionals

Course Objectives

- Chapter 1: Course Introduction
- Chapter 2: OpenStack Recap
- Chapter 3: Highly Available OpenStack Cluster Overview
- Chapter 4: OpenStack Fuel Overview and Architecture
- Chapter 5: OpenStack Fuel Plugins
- Chapter 6: OpenStack Networking (Neutron) Overview and Architecture
- Chapter 7: Ceph Overview
- Chapter 8: Murano Overview
- Chapter 9: Sahara Overview

Pre-Requisites

- Familiarity with Linux command line
- Virtualization concepts
- Networking concepts
- Basic OpenStack ([OpenStack Bootcamp OS100](#) or equivalent)

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