

Neutron Networking with Red Hat® Enterprise Linux OpenStack Platform (CL306)

In this course, you will learn how to implement a network with Red Hat Enterprise Linux OpenStack Platform or Red Hat Enterprise Linux OpenStack Platform networking. This course provides a deeper dive into Neutron networking than our Red Hat OpenStack Administration (CL210) course.

What You'll Learn

- Overview of Neutron architecture
- Deploy Open vSwitch and Linux bridge
- Use network namespaces and virtual devices
- Install Neutron networking
- Deploy L2 services
- Deploy DHCP agents
- Deploy L3 agents

Who Needs to Attend

- Linux system administrators and cloud administrators interested in, or responsible for, maintaining a private cloud
- RHCSA certification or requisite level of knowledge is highly recommended

Prerequisites

Red Hat OpenStack Administration (CL210) I or equivalent experience w/ OpenStack

- [Red Hat® OpenStack Administration \(CL210\)](#)

Follow-On Courses

- [High Availability for Red Hat® Enterprise Linux OpenStack Platform \(CL332\)](#)

Course Outline

1. Introduction to networking and OpenStack fundamentals
2. Define OpenStack architecture and network protocols related to software-defined networks (SDN)
3. Introduction to Linux networking fundamentals
4. Review Linux system administration networking concepts
5. Deploy virtual bridges
6. Install and manage Linux bridges and Open vSwitch
7. Deploy virtual network devices and implementing namespaces
8. Create tap devices, Virtual Ethernet (vEth) devices, and network namespaces.
9. Implement a virtual router
10. Introduction to Neutron architecture
11. Define Neutron architecture
12. Implement and use the Neutron server
13. Implement and use the Neutron L2 services
14. Implement and use the Neutron DHCP agent
15. Implement and use the Neutron L3 agent

Further Information:

For More information, or to book your course, please Call/Email us on : - +254 713 027 191

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