

Red Hat OpenStack Administration III: Networking & Foundations of NFV (CL310)

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Lisboa
- **Data:** 02 Nov. 2020 a 05 Nov. 2020
- **Preço:** 2160€
- **Horário:** Laboral - das 09h00 às 17h00
- **Nível:** Avançado
- **Duração:** 27 horas

Manage Red Hat OpenStack networking for performance tuning

Red Hat OpenStack Administration III: Networking & Foundations of NFV teaches network engineers, network operators, cloud operators, and cloud administrators how to manage and tune Red Hat® OpenStack Platform for network performance.

Students will learn how to manage the OpenStack networking service (Neutron) with network functions virtualization to enhance network performance. Students will configure distributed virtual routers, Open vSwitch with Data Plane Development Kit datapath, and IPv6 networking in OpenStack.

Students will also deploy software-defined networking with OpenDaylight.

This course can also help students to prepare for the Red Hat® Certified Engineer (RHCE®) in Red Hat OpenStack exam (EX310).

This offering is based on Red Hat OpenStack version 10.0 and Red Hat Enterprise Linux 7.4.

Diagnóstico de Competências

Teste previamente os seus conhecimentos, ou os da sua equipa, em:

- Red Hat Satellite
- Ansible
- RH JBoss Enterprise Application Platform
- RH Gluster Storage
- RH OpenShift
- RH OpenStack Platform
- RH Enterprise Linux 7
- RH Fuse

- RH Camel
- RH AMQ
- RH Ceph Storage
- RH Identity Management
- RH Enterprise Linux 8

[Aceda aqui ao diagnóstico!](#)

Destinatários

This course is designed for network engineers, network operators, cloud administrators, and cloud operators.

Pré-requisitos

- Become a Red Hat® Certified System Administrator (RHCSA), or demonstrate equivalent experience
 - Complete the Red Hat® Certified System Administrator in Red Hat OpenStack exam (EX210), or demonstrate equivalent experience
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Programa

Manage networks in Linux

- Administer network interfaces, bridges, and virtual networking devices.

Manage OpenStack networking agents

- Manage the L2, L3, DHCP, and other OpenStack networking agents.

Deploy IPv6 networks

- Set up IPv6 networks in OpenStack.

Provision OpenStack networks

- Provision tenant networks and provider networks.

Implement distributed virtual routing

- Enable distributed virtual routing (DVR) to provide scaling and performance.

Tune NFV performance

- Tune OpenStack networking performance.

Implement NFV data paths

- Execute network functions virtualization (NFV) data paths.

Build software-defined networks with OpenDaylight

- Create software-defined networks with OpenDaylight (ODL).

Comprehensive review of Red Hat OpenStack Administration III

- Configure advanced networking on Red Hat® OpenStack Platform.