

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



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	1800 EUR	4 days
Traditional	CTAB Tablet	1900 EUR	4 days

## LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

## TRAINING GOALS:

**Red Hat OpenStack Administration III: Networking & Foundations of NFV (CL310)** teaches network engineers, network operators, cloud operators, and cloud administrators how to manage and tune Red Hat® OpenStack Platform for network performance.

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

This course can also help you 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.

## CONSPECT:

- **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.

## REQUIREMENTS:

- 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

## Difficulty level



## CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

## TRAINER:

Red Hat Certified Instructor