

Training: Red Hat  
CL306 Neutron Networking with Red Hat Enterprise Linux OpenStack Platform



| FORM OF TRAINING  | MATERIALS   | PRICE    | DURATION |
|-------------------|-------------|----------|----------|
| Traditional       | Hardcopy    | 1150 EUR | 2 days   |
| Traditional       | CTAB Tablet | 1250 EUR | 2 days   |
| Distance learning | Hardcopy    | 1150 EUR | 2 days   |
| Distance learning | CTAB Tablet | 1150 EUR | 2 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:

**Neutron Networking with Red Hat Enterprise Linux OpenStack Platform (CL306)** is for system administrators intending 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.

Students will first learn the basics of networking, routing, and bridging in Linux. After that, students will install, configure, and use software-defined networks with Neutron on Red Hat Enterprise Linux Openstack Platform.

## CONSPECT:

- Introduction to networking and OpenStack fundamentals
  - Define OpenStack architecture and network protocols related to software-defined networks (SDN).
- Introduction to Linux networking fundamentals
  - Review Linux system administration networking concepts.
- Deploy virtual bridges
  - Install and manage Linux bridges and Open vSwitch.
- Deploy virtual network devices and implementing namespaces
  - Create tap devices, veth devices, and network namespaces.
  - Implement a virtual router.
- Introduction to Neutron architecture

- Define Neutron architecture.
- Implement and use the Neutron server
- Implement and use the Neutron L2 services
- Implement and use the Neutron DHCP agent
- Implement and use the Neutron L3 agent

## REQUIREMENTS:

- **Red Hat Certified System Administrator (RHCSA)** certification or equivalent experience.
- For candidates that have not earned their RHCSA, confirmation of the correct skills and knowledge can be obtained by passing the online skills assessment at [http://www.redhat.com/training/skills\\_assessment/](http://www.redhat.com/training/skills_assessment/).

## Difficulty level



## CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

## TRAINER:

Red Hat Certified Instructor.