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Red Hat OpenStack Administration III with Exam

CODE:	DURÉE:	PRIX H.T.:
REH_CL311	35 Hours (5 Jours)	€3,182.00

Description

The Red Hat OpenStack Administration III (CL310) course provides extensive hands-on training for experienced system administrators in how to use the distributed storage features of [Red Hat® Ceph Storage](#) and the networking capabilities of OpenStack® Neutron. Students will set up a Ceph environment and its configuration as a back end for OpenStack, and configure and use the advanced features of OpenStack Neutron. This course includes [Red Hat Certified Engineer in Red Hat Openstack exam \(EX310\)](#).

Training Development

- Introduction to Red Hat Ceph Storage
 - Introduce Red Hat Ceph Storage architecture, components, and attributes.
- Describe Red Hat Ceph Storage components and features
 - Describe the components and features of Red Hat Ceph Storage.
- Deploy and access Red Hat Ceph Storage
 - Create snapshots and clones for Red Hat Ceph Storage.
- Create snapshots and clones
 - Manage snapshots and clones of a Ceph Block Device (RBD).
- Ceph with the Glance Image service
 - Integrate Ceph with the OpenStack Glance Image service to store OpenStack images in Ceph.
- Ceph with the Cinder Block Storage service
 - Integrate Ceph with the OpenStack Cinder Block Storage service to provide OpenStack volumes in Ceph.
- Ceph with the Nova compute service
 - Integrate Ceph with the OpenStack Nova compute service to store instance data in Ceph.
- Introduce networking fundamentals
 - Review networking concepts and deploy OpenStack with a separate Neutron networking node.
- Network interfaces
 - Manage network interfaces manually (using the ip command) and persistently.
- Virtual bridging
 - Install and manage virtual network bridges.
- Virtual network devices
 - Create and deploy virtual network devices.
- Network namespaces
 - Manage and implement networks inside a network namespace.
- Neutron services
 - Verify and manage the Neutron services.
- Provisioning tenant networks
 - Provision tenant networks using VXLAN tunnels, GRE tunnels, and VLANs.
- Implementing load-balancer-as-a-service (LBaaS)
 - Implement LbaaS.
- Neutron networking services
 - Diagnose and troubleshoot issues with the Neutron networking service.
- Comprehensive Review
 - Review tasks from the Red Hat OpenStack III course.

Options

[Red Hat Certified Engineer in OpenStack exam \(EX310\)](#)

Become a RHCE in OpenStack by passing our exam, where you will demonstrate your abilities to integrate and configure with [Red Hat Enterprise Linux OpenStack Platform](#), [Red Hat Ceph Storage](#), and Neutron services.

Dates de session

Sur demande. [Merci de nous contacter](#)

Informations Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)