TRAINING OFFERING

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Red Hat OpenStack Administration III with Exam

CODE:	DURÉE:	PRIX H.T.:
REH_CL311	40 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.