

Red Hat OpenStack Administration II: Day 2 Operations for Cloud Operators

Cursusduur: 5 Dagen Cursuscode: CL210 Trainingsmethode: Maatwerk

Beschrijving:

Build advanced skills for performing Red Hat OpenStack Platform day 2 operations and management of hybrid cloud infrastructure
Red Hat OpenStack Administration II: Day 2 Operations for Cloud Operators (CL210) is designed for cloud operators, service administrators, and automation engineers who operate and manage a full-featured hybrid and private cloud-computing environment using Red Hat OpenStack Platform. You will learn how to manage, monitor, troubleshoot, and scale a Red Hat OpenStack Platform infrastructure. This course focuses on using the OpenStack Client command-line user interface to configure metrics, policies, and architecture in order to support enterprise cloud applications and daily operations.

This course is based on Red Hat OpenStack version 16.1 and Red Hat Enterprise Linux version 8.2

Following course completion, you will receive a 45-day extended access to hands-on labs for any course that includes a virtual environment.

Note: This course is offered as a five day virtual class or self-paced. Durations may vary based on the delivery. For full course details, scheduling, and pricing, select your location then “get started” on the right hand menu.

Maatwerk

Global Knowledge biedt zowel standaard- als maatwerk cursussen die zijn afgestemd op uw wensen en die als besloten cursus op uw eigen locatie of onze locatie gevolgd kunnen worden.

Doelgroep:

- Cloud operators responsible for managing daily operations and automation.
- Infrastructure architects interested in or responsible for maintaining a large-scale private or hybrid cloud.

Doelstelling:

- Managing overcloud service containerization technology.
- Providing metrics for performance tuning and governance.
- Monitoring and troubleshooting Open Virtual Networking (OVN) network flow.
- Configuring Identity service using an external Red Hat IdM store.
- Managing the core control plane, including Pacemaker.
- Customizing images, with techniques for multiple use cases.
- Managing block and object storage back-ends.
- Managing compute nodes, including tuning and hyperconverged.
- Troubleshooting Red Hat OpenStack Platform.

Vereiste kennis en vaardigheden:

- Be a Red Hat Certified Engineer (RHCE), Red Hat Certified Specialist in Ansible Automation, or demonstrate equivalent experience.
- For candidates that have not earned an RHCE or equivalent, confirmation of the correct skill-set knowledge can be obtained by [taking our free assessment](#) to gauge whether this offering is the best fit for your skills.
- CL110 - Red Hat OpenStack Administration I: Core Operations for Domain Operators

Vervolgcurssussen:

- CL260 - Red Hat Ceph Storage for OpenStack
- EX210 - RedHat Certified System Administrator in Red Hat OpenStack exam

Cursusinhoud:

Navigate the Red Hat OpenStack Platform architecture	Manage application deployment resources	Monitor Red Hat OpenStack Platform operations
Describe the undercloud and overcloud architecture and service components.	Create and manage the common, shared deployment resources including custom images, flavors, and metadata services.	Describe the monitoring framework and architecture to gather, store, and use operational metrics.
Operate the control plane	Manage storage	Automate cloud applications
Describe and manage the critical core services of the Red Hat OpenStack Platform control plane.	Describe and manage storage architecture and components, with an emphasis on Red Hat Ceph Storage back ends.	Implement and deploy complex and scalable applications using automation technologies.
Manage infrastructure security	Manage networking	Troubleshoot operations
Protect the Red Hat OpenStack Platform infrastructure by securing service component files and endpoints.	Create, manage, and troubleshoot data center and virtual network infrastructure.	Describe and practice the tools and methods for diagnosing and troubleshooting issues encountered during deployment and management operations.
Manage user security	Manage compute node operations	Comprehensive review
Configure secure user privileges using domain-based identity management, scoped roles, and project organization.	Describe the architecture and management processes for normal and hyperconverged compute nodes. Perform common operational tasks for compute nodes to support workload uptime and scaling.	Review tasks from Red Hat OpenStack Platform Administration II: Day 2 Operations for Cloud Operators.

Extra informatie:

Technology considerations

- There are no current special requirements or technical considerations.
- No BYOD support.
- No Internet access required.

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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