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

Course code: CL211

Build advanced skills for performing Red Hat OpenStack Platform day 2 operations and management of hybrid cloud infrastructureRed Hat OpenStack Administration II: Day 2 Operations for Cloud Operators with exam (CL2110) 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. The Red Hat Certified Specialist in Cloud Infrastructure exam (EX210) is included in this offering.

Affiliate	Duration	Course price	ITB
Praha	5	2 841 €	0
Bratislava	5	2 841 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
24.11.2025	5	2 841 €	Online	EN	Red Hat - Online
02.03.2026	5	2 841 €	Online	EN	Red Hat - Online

The prices are without VAT.

Who is the course for

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

What we teach you

- 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.

Required skills

- Participants are recommended to be a Red Hat Certified Engineer (RHCE), Red Hat Certified Specialist in Ansible Automation, or have equivalent experience.
- Successful completion of Red Hat OpenStackAdministration I: Core Operations for Domain Operators (CL110) or equivalent experience

Course outline

Navigate the Red Hat OpenStack Platform architecture

Describe the undercloud and overcloud architecture and service components.

Operate the control plane

Describe and manage the critical core services of the Red Hat OpenStack Platform control plane.

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Manage infrastructure security

Protect the Red Hat OpenStack Platform infrastructure by securing service component files and endpoints.

Manage user security

Configure secure user privileges using domain-based identity management, scoped roles, and project organization.

Manage application deployment resources

Create and manage the common, shared deployment resources including custom images, flavors, and metadata services.

Manage storage

Describe and manage storage architecture and components, with an emphasis on Red Hat Ceph Storage back ends.

Manage networking

Create, manage, and troubleshoot data center and virtual network infrastructure.

Manage compute node operations

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.

Monitor Red Hat OpenStack Platform operations

Describe the monitoring framework and architecture to gather, store, and use operational metrics.

Automate cloud applications

Implement and deploy complex and scalable applications using automation technologies.

Troubleshoot operations

Describe and practice the tools and methods for diagnosing and troubleshooting issues encountered during deployment and management operations.

Comprehensive review

Review tasks from Red Hat OpenStack Platform Administration II: Day 2 Operations for Cloud Operators.

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