Red Hat OpenStack Administration II: Day 2 Operations for Cloud Operators (CL210)

ID CL210 **Price** CHF 3,740.—(excl. VAT) **Duration** 4 days

Who should attend

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

This course is part of the following Certifications

Red Hat Certified Specialist in Cloud Infrastructure (RHCS-CI)

Prerequisites

- 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.
- Attend Red Hat OpenStack Administration I: Core Operations for Domain Operators (CL110), or demonstrate equivalent experience.

Course Objectives

Impact on the organization

This course is intended to develop the skills needed for the daily operation of a private cloud. A private cloud can reduce costs through fine-grained resource control, simplifying regulatory compliance, and permitting easier integration with legacy systems. Using the skills taught in this course, cloud operators will be able to manage and operate hybrid cloud Red Hat OpenStack Platform infrastructure.

Customer organizations will find this version to be easier to install and manage while handling more diverse types of cloud and legacy workloads with an expanding portfolio of flexible resource configuration. Enhancements in the RHOSP 16 version address evolving customer requirements for enterprise cloud infrastructures:

- Industry-popular Ansible Automation for installation, upgrading, and patching.
- Open Virtual Networking (OVN), an advanced SDN framework evolved from Open vSwitch.
- Hyperconverged technology, combining storage and compute resources for lower latency and higher performance.

Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

Impact on the individual

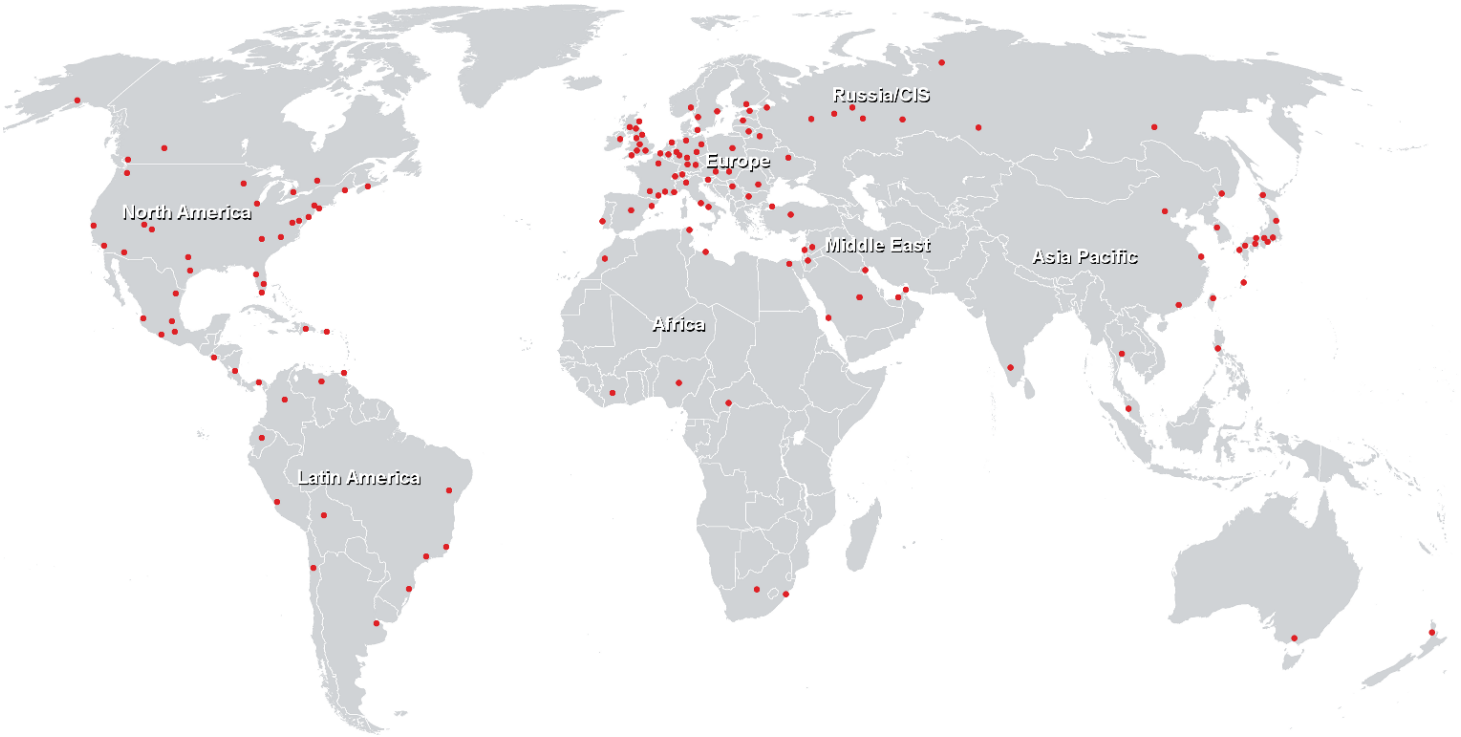
Course attendees will learn how to operate and manage a Red Hat OpenStack Platform installation using all of the common core features and services used by enterprise private/hybrid cloud customers. Successful attendees will be able to monitor, troubleshoot, and automate operations handling compute, storage, networking, deployment, and application support resources and services tailored to their enterprise needs.

Course Content

- 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.

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Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch