Fast Lane

RHCSA Rapid Track Course (RH199)

ID RH199 **Price** CHF 4,340.—(excl. VAT) **Duration** 5 days

Who should attend

This course is geared toward Windows system administrators, network administrators, and other system administrators who are interested in supplementing current skills or backstopping other team members, in addition to Linux system administrators who are responsible for these tasks:

- Configuring, installing, upgrading, and maintaining Linux systems using established standards and procedures
- Providing operational support
- Managing systems for monitoring system performance and availability
- Writing and deploying scripts for task automation and system administration

This course is part of the following Certifications

Red Hat Certified System Administrator (RHCSA)
Red Hat Certified Engineer (RHCE)

Prerequisites

- You will be expected to already understand fundamental Linux computing concepts and be ready to practice the Red Hat Enterprise Linux methods for performing system administration tasks. Significant field experience working with Linux as a system administrator is recommended.
- If you do not have experience with fundamental Linux computer concepts, we advise you to start with the Red Hat System Administration I (RH124) course instead.

Course Objectives

Impact on the organization

Administration, configuration, and rapid deployment of Red Hat Enterprise Linux is the foundation for efficient IT infrastructure. This training provides your team members with a solid foundation in Linux system administration, for improved ability to manage your infrastructure efficiently. It helps to provide better system reliability, improve efficient system and storage utilization, and respond faster and more accurately to system failures. This course will lay the foundation for new Linux system administrators to efficiently and securely resolve configuration issues, integrate Red Hat Enterprise Linux with other existing systems, manage user and group administration, and use available storage solutions. The rapid pace can quickly turn a computer professional with basic knowledge of Linux into a fully capable Linux administrator.

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

As a result of attending this course, you should be able to perform essential Linux system administration tasks, including establishing network connectivity, managing physical storage, and executing basic security administration.

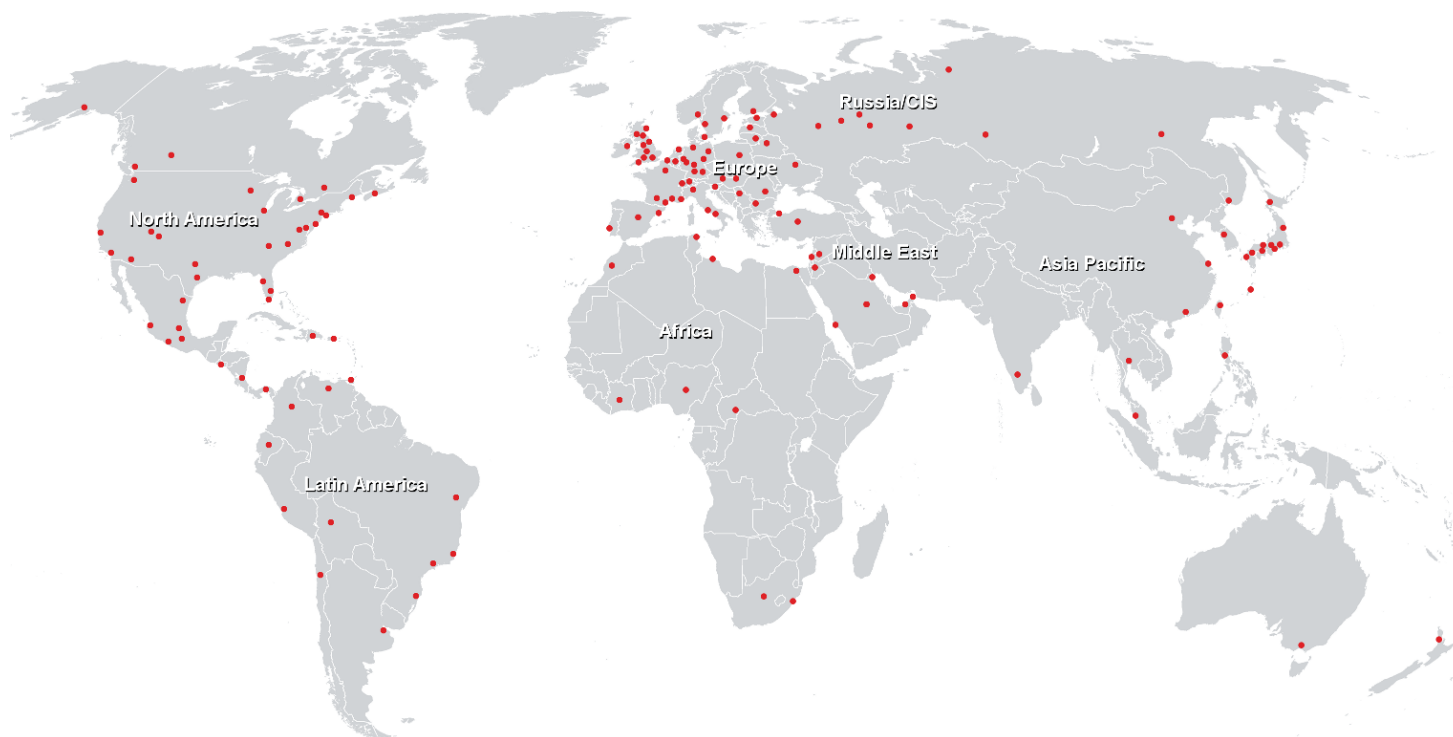You should be able to demonstrate these skills:

- Access the command line locally and remotely
- Manage files from the command line
- Manage local users and groups
- Monitor and manage Linux processes
- Control services, daemons, and the boot process
- Manage services provided in existing container images
- Manage tuning profiles for system performance
- Control access to files with file system permissions
- Analyze and store log files
- Configure and secure the OpenSSH service
- Install and update software packages and appstreams
- Manage Linux file systems and volumes
- Manage Linux networking and firewalls

Course Content

- Package management with new repository structure and appstream modules
- Create storage devices, volumes, and file systems, including Stratis storage management
- Configure network services and security
- Manage processes, scheduling, and tuning
- Manage users, groups, and authentication

- Perform server management with the Cockpit web management utility
- Troubleshoot and obtain support
- Run containers

Training Centres worldwide

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