

# Red Hat Enterprise Linux System Administration Essentials

Audit & Quality Assurance  
Online  
05 - 09 Oct 2025

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## Red Hat Enterprise Linux System Administration Essentials

**Ref:** 321829\_136709 **Date:** 05 - 09 Oct 2025 **Location:** Online **Fees:** 1700 **Euro**

### Course Description

This 5-day Red Hat System Administration I course provides IT professionals with essential Linux administration skills. Focusing on Red Hat Enterprise Linux, participants will learn core system management tasks, command-line mastery, and enterprise-level tools. This course lays a strong foundation for those aiming to become full-time Linux system administrators.

### Learning Objectives

- Master essential command-line tools and concepts
- Manage users, groups, and system security
- Configure and control system services using systemd
- Implement basic networking and storage management
- Perform system monitoring and troubleshooting
- Deploy and manage software packages using DNF

### Course Modules

#### Day 1: Getting Started with Red Hat Enterprise Linux

- Introduction to Linux and the Red Hat ecosystem
- Accessing the command line
- Managing files from the command line
- Getting help in Red Hat Enterprise Linux
- Creating, viewing, and editing text files

#### Day 2: Essential Tools and User Management

- Managing local users and groups
- Controlling access to files
- Monitoring and managing Linux processes
- Control services and daemons
- Configuring and securing SSH

#### Day 3: Operating Running Systems

- Configuring and securing a basic firewall
- Installing and updating software packages
- Accessing Linux file systems

The logo for UK Training Partner, featuring the text 'UK Training' in a smaller font above the word 'PARTNER' in a large, bold, black font. The background of the logo is a stylized chessboard with several chess pieces (a king, a queen, and a pawn) in gold and silver, set against a background of concentric circles.

- Analyzing and storing logs
- Managing networking

#### **Day 4: Storage Management and Virtualization**

- Managing storage
- Creating and using file systems
- Managing logical volumes
- Accessing network-attached storage
- Controlling the boot process

#### **Day 5: Advanced Topics and Practical Application**

- Managing network security
- Running containers
- Automating tasks with Bash scripts
- Comprehensive review and hands-on practice
- Preparing for the RHCSA exam

#### **Practical Wins for Participants**

- Ability to perform daily system administration tasks confidently
- Skills to troubleshoot and resolve common Linux issues
- Knowledge to implement basic system security measures
- Foundation for pursuing advanced Red Hat certifications

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