



RH131

RH131 Red Hat Enterprise Linux System Administration

Course Description

In this course you will learn to build skills in core system administration on Red Hat Enterprise Linux, to a level when you can attach and configure a workstation on an existing network.

This course provides intensive hands-on training on Red Hat Enterprise Linux, and includes the RH202 RHCT Certification Lab Exam on the last day. Those who are interested in taking the RH133 course, but who are not interested in the RHCT Certification or who feel they must defer the RHCT Exam to a later date may wish to consider RH131.

Target Audience

Linux users or UNIX system administrators who desire further technical training to begin the process of becoming a Linux system administrator. In addition, those who are keen to take up the challenge of proving their skills in the RHCT Certification Lab Exam

Prerequisites

RH035 or equivalent experience with Red Hat Enterprise Linux.

* **Pre-course assessment** to ascertain suitability at

<http://www.redhat.com/apps/training/assess/>

Duration

4 Days

Time: 9.00am – 5.30pm

Materials Provided

- RH133 Courseware
- Other Red Hat marketing collaterals, subjected to availability

Upon Successful Completion

The candidate will be a Red Hat Enterprise Linux system administrator who has proven competency by passing the RHCT Exam, a realistic performance-based lab exam that tests his/her actual ability to install, configure, and attached a new Red Hat Enterprise Linux System to an existing production network.

Prepares For

RH202 Red Hat Certified Technician (RHCT) Certification Lab Exam
RH253 Red Hat Enterprise Linux Networking & Security Administration

Assessments & Certificates

- Certificate of Attendance

In this course, you will learn:

Unit 1 : Installation

Installation through to Post-Install Configuration

Unit 2 : System Initialization & Services

Boot Sequence; init; Virtual Consoles

Unit 3 : Kernel Services & Configuration

Kernel modules; /proc; Bus Support

Unit 4 : Filesystem Management

Managing Partitions; Managing Data; Virtual Memory Files

Unit 5 : Network Configuration

Network Interfaces; Configuration Utilities; Global Network Parameters

Unit 6 : RPM & Kickstart

The RPM Way; RHN; Using Kickstart to automate installation

Unit 7 : User Administration

User Policy Considerations; Network Users; Troubleshooting SELinux

Unit 8 : Printing & Administration Tools

CUPS overview; System Cron Job; Remote Backups

Unit 9 : The X Window System

XOrg; Configuration Utilities; Remote X Sessions

Unit 10 : Advanced Filesystem Management

RAID; LVM; Quotas

Unit 11 : Troubleshooting

Things to Check; Filesystem; Rescue Environment



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