



# RH133

## RH133 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 (11 Training Units) + 0.5 Days RHCT Exams  
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
- RH202 RHCT Certification Lab Exam
- RHCT Certificate

### 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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