



RH033

RH033 Red Hat Enterprise Linux Essentials

Course Description

Designed for IT professionals who have no command-line experience in Linux or UNIX and want to develop skills for using and customizing their own Red Hat Linux workstation, this four days course immerses individuals in a Red Hat Enterprise Linux environment and prepares them for future roles as cross-platform system administrators.

Target Audience

IT professionals who want to build user-level skills before learning Linux System and Network Administration

Prerequisites

Experience with job tasks using Windows OS products at technician or system administrator level.

Duration

4 Days (18 Training Units + Post Course Assessment Test)
Time: 9.00am – 5.30pm

Materials Provided

- RH033 Courseware
- Other Red Hat marketing collaterals, subjected to availability

Upon Successful Completion

A Red Hat Enterprise Linux power user familiar with common command line processes who can perform some system administration tasks using graphical tools. The delegate will also be ready to develop a deeper understanding of Red Hat Enterprise Linux system administration.

Prepares For

RH133 Red Hat Enterprise Linux System Administration

Assessments & Certificates

- Certificate of Attendance

In this course, you will learn:

Unit 1 : Overview

GNU Project/FSF; GPL; Linux Origins; Starting Xorg

Unit 2 : Running Commands and Getting Help

Running Commands; Navigating info Pages, Extended Documentation

Unit 3 : Browsing the Filesystem

Pathnames; Directories; Nautilus

Unit 4 : The bash Shell

bash; Command Line Expansions; Command Editing Tricks

Unit 5 : Standard I/O & Pipes

Overwriting or Appending; Using Pipes to Connect Processes

Unit 6 : Users, Groups & Permissions

The root User; The Linux Security Model; Changing Permission

Unit 7 : vi & vim Editor Basics

3Modes of vi & vim; Command-Mode Tricks; ex mode

Unit 8 : The Linux Filesystem In-Depth

Directories; Removable Media; Compression Utilities

Unit 9 : Configuring the bash Shell

Variables; Configuring Commands; Shell Startup Scripts

Unit 10 : Advanced Topics in Users, Groups & Permissions

User & Group ID Numbers; User Information Commands; Special Permissions

Unit 11 : Advanced vi/vim and Printing

File Repositioning; Visual mode; Expanding your vocabulary; Printing Utilities

Unit 12 : Introduction to String Processing

wc; uniq; Formatting Tools

Unit 13 : String Processing with Regular Expressions

Pattern Matching; regex Combinations; Extended Regular Expressions

Unit 14 : Finding & Processing Files

slocate; find; The Gnome Search Tool

Unit 15 : Investigating & Managing Processes

Sending Signals to Processes; Jobs; Using cron

Unit 16 : bash Shell Scripting

Creating Shell Scripts; String Tests; Using Functions

Unit 17 : Network Clients

Web browsers; Evolution; smbclient

Unit 18 : What Now?



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