

Essentials of Red Hat Linux 5

Description: You are familiar with the usage of GUI-based operating systems. To prepare yourself for the job of a Linux system administrator, you need to equip yourself with the basic Linux usage and management skills. In the Essentials of Red Hat Linux 5 course, you will explore the shell environment, use and manage the Linux file system, and familiarize yourself with the basic aspects of Linux system administration.

Days: 5

Prerequisites: Students enrolling in this class should have basic user-level computer skills with any computer or operating system.

Audience: This course is designed for students with little or no experience in Linux. It also targets IT professionals or users who want to build user-level Linux skills and/or build base line skills in Linux Administration.

Lesson 1: Introducing the History of Linux

- Topic 1A: Review the Development of Open Source
- Topic 1B: Familiarize Yourself with Red Hat Linux

Lesson 2: Familiarizing Yourself with the Linux Interface

- Topic 2A: Log into Your System
- Topic 2B: Use Basic Commands
- Topic 2C: Work with the X Server
- Topic 2D: Switch Users

Lesson 3: Getting Started with Using Linux

- Topic 3A: View Text Files Using Text Editors
- Topic 3B: Get Help Using Linux

Lesson 4: Working with Files and Directories

- Topic 4A: Navigate the Linux File System
- Topic 4B: Organize the File system
- Topic 4C: View Text Files

Lesson 5: Working with Linux Permissions

- Topic 5A: View User and Group Information
- Topic 5B: Modify File and Directory Permissions
- Topic 5C: Modify File and Directory Ownership

Lesson 6: Editing Text Files Using Vim

- Topic 6A: Create Text Files Using Vim
- Topic 6B: Modify Text Files in the Command Mode

Lesson 7: Locating Files

- Topic 7A: Search for Files
- Topic 7B: Use the find Command

Lesson 8: Working with the Bash Shell

- Topic 8A: Discuss the Bash Shell
- Topic 8B: Perform Basic Bash Shell Operations
- Topic 8C: Introduction to Shell Scripting

Lesson 9: Configuring the Bash Shell

- Topic 9A: Use Shell Variables
- Topic 9B: Use Configuration Variables

Lesson 10: Using Basic Scripting Concepts

- Topic 10A: Redirect Input and Output
- Topic 10B: Use Control Statements

Lesson 11: Working with Text Processing Utilities

- Topic 11A: Filter Files
- Topic 11B: Work with File Content

Lesson 12: Configuring Basic System Tools

- Topic 12A: Configure a System Printer

- Topic 12B: Configure Date and Time

Lesson 13: Managing Jobs and Processes

- Topic 13A: Discuss Multitasking
- Topic 13B: List Processes
- Topic 13C: Prioritize Jobs and Processes
- Topic 13D: Terminate Processes

Lesson 14: Working with Network Clients

- Topic 14A: Examine Basic Network Settings
- Topic 14B: Work with Web Clients
- Topic 14C: Work with Email and Messaging Clients

Lesson 15: Managing Users, Groups, and Permissions

- Topic 15A: Manage User Accounts
- Topic 15B: Configure User Profiles
- Topic 15C: Manage Groups
- Topic 15D: Set Advanced Permissions

Lesson 16: Performing File Management

- Topic 16A: Familiarize Yourself with Disk Partitions
- Topic 16B: Work with Inodes and Links
- Topic 16C: Archive Files
- Topic 16D: Work with Removable Media

Upcoming Classes

Sorry, there are no upcoming classes. Feel free to contact us if you're interested in us putting a class together.