



Whizlabs
Success, Certified!



Linux Certification (RHCE) Instructor-led, Online Training



Whizlabs Software

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Introduction

Whizlabs, the market leader in IT certification exam preparation is proud to offer **Linux Certification (RHCE) Instructor-led, Online Training**. This demo version of the training aims to brief the participants about the contents of the actual training and the benefits that accrue to them!

Whizlabs Software is awarded in the first annual Linux World Magazine Readers' Choice Awards by **SYS-CON Media**, the world's number one i-technology magazine publisher. Whizlabs Software was declared the first Runner Up in the “ **Best Linux Training**” category.

Features & Benefits

- Unconditional Test PASS Guarantee
- Comfort: Take the class from the place of your choice!
- Personal attention - Maximum 4 participants/session
- Interactive training with doubt clearing sessions via instant messaging
- Crispy Study Notes covering all objectives
- Cost effective
- FREE Technical Support from the author



Curriculum

Session 1

Introduction to Linux and RHCE Exam
Pre-Installation of Linux
Installation of Linux

Session 2

Linux Commands and Utilities
Linux Shell and Shell Scripting

Session 3

Linux Networking

Session 4-5-6-7

Installation of Servers [Includes all the servers. NFS, NIS, SAMBA, MAIL, HTTP, FTP etc.]

Session 8

System configuration



Curriculum

Session 9-10-11

Important Configuration File
Troubleshooting

Session 12-13

System Administration and Security

Session 14

Interactive QA session
Final Tips and Tricks

Session 15

Mock Exam



Session 1

Introduction to Linux and RHCE Exam

- i. Unix: History & Principles
- ii. GNU Project/FSF, GPL
- iii. Linux Origin
- iv. Pros & Cons of Linux
- v. Why Linux?
- vi. Overview of RHCE Exam
- vii. Objective of RHCE Exam
- viii. What you should know beside Linux to pass RHCE?
- xi. RHCE Hack

Pre-Installation of Linux

- i. Hardware, Device Configuration
 - Initial Installation
 - Hardware Overview
 - Hardware Compatibility
 - General Hardware Resources
 - CPU and Memory
 - File system Device Nodes
 - System Bus Support



Session 1

- Hot swappable Bus Support
- Linux for Laptop
- Disk Partition
- Sample Partition Structure
- Block Devices & File systems
- File system Schemes
- The Red Hat Installer
- Installer Features

Installation of Linux

i. Installation

- Red Hat Linux Installation
- Partitioning Hard Drives
- Software RAID
- LVM: Logical Volume Manager
- Network Configuration
- Firewall Setup
- RPM Package Selection
- Validating & Installation
- Various Modes of Installation
- Driver Disk
- Post Install Configuration
- System Configuration



Session 2

Linux Commands and Utilities

- i. Using vi and vim Editors
- ii. File and Shell Basics
- iii. Users and Groups
- iv. File Access Permissions
- v. The File system
- vi. Standard I/O and Pipes
- vii. Processes
- vii. Printing and Mailing
- viii. Basic Networking, How to?
- ix. X Window System
- x. System Tools

Linux Shell and Shell Scripting

- i. The bash Shell and Shell Scripting
- ii. Introduction to String Processing
- iii. String Processing with Regular Expressions
- iv. Shell Scripting



Session 3

Linux Networking

- i. Network Configuration
- ii. Introduction to Network Services





Session 4-5-6-7

Installation of Servers [Includes all the servers. NFS, NIS, SAMBA, MAIL, HTTP, FTP etc.]

- i. The Domain Name System
- ii. The Samba Service
- iii. Electronic Mail Services
- iv. The HTTP Services
- v. NFS Services
- vi. FTP Services
- vii. DHCP Services
- viii. Authentication Services
 - Authentication Basics
 - PAM
 - NIS





Session 8

System configuration

- i. Linux File system Management
- ii. System Initialization and Services
- iii. System Administration Tools
- iv. RPM
- v. Boot Loader
- vi. Kernel Services and Configuration
- vii. X Windows System





Session 9-10-11

Important Configuration File

- i. Important Configuration Files, where and how to?

Troubleshooting

- i. Troubleshooting: Booting
- ii. Troubleshooting: Run-levels
- iii. Troubleshooting: File system
- iv. Troubleshooting: Networking
- v. Troubleshooting: Services
- vi. Troubleshooting: X
- vii. Rescue Environment



Session 12-13-14-15

System Administration and Security

- i. Security Concerns and Policy
- ii. Securing Network
- iii. Securing Services
- iv. Securing Data

Interactive QA session

Final Tips and Tricks

Mock Exam



Training Requirements

Trainees are expected to meet the following requirements before attending the RHCE Online Training:

- Access to a PC on which RedHat Linux is installed*
- RedHat Linux EL or RedHat Linux 9.0 CD-ROM from where trainees can install RedHat Linux
- Preferably a fixed IP address at trainee's end to:
 - Enable the trainer to access trainee's system while teaching
 - Help him/her in configuration
 - Take a Mock Exam

*It is recommended to have 2 PCs at your disposal; one dedicated PC with RedHat Linux installed, entirely for practice during training sessions and another for receiving training modules and online interaction with the trainer.



Schedule

2 hrs/day, All timings GMT-6, Central US
New batch starts 19th April, 2004

Price

Whizlabs Linux Certification (RHCE) online Training **US\$ 899.95** **Buy**

Unconditional Test PASS Guarantee!

If you fail the actual exam even after attending our training, simply mail us your score report (scanned copy of original) at refund@whizlabs.com and we will refund the FULL training fees.