



Red Hat RHCSA Instructor-Led Training

This course is for those who want to grow high in the area of networking and security. The RHCSA course will deliver the in-depth knowledge to qualify the Red Hat certification examination for the same.

The course will include the concepts which will make the candidate eligible to work on the core of system administration for the Red Hat Enterprise Linux environment.

About this training

- **Study Material:-** 24*7 Lab Access, Live lectures of Training, Streaming Recorded Videos, Online Lab Workbook, and Remote Virtual Lab access.
- **Duration:- 1 month**

What you will learn?

- To make you capable of using several tools. For instance, access shell prompt and issue commands.
- Creating links, both soft and hard.
- Use of SSH
- Creating shell scripts- major commands
- Configuration of local storage
- Operations on MBR and GPT
- System running operations: boost, reboot and shut down
- File systems: create and configure
- Basic networking and security management
- Management of users and groups

Certification

RHCSA EX200

About Instructor

This training course is created by one of the most experienced and multi-vendor certified trainer, verified by UniNets. He has been working in this area since years. His experience in industry and as a trainer will help the candidate to prepare in a systematic and to-the-point preparation.

Course Content

- Basic Linux Tasks
 - Tracing the Linux History & Development

- Script Shell Commands
 - Linux for help
 - Linux- Start & Stop
- User and Group Account management
 - Create Accounts- user & group
 - Configuration of User profiles
 - Account Administration- user & group
- Management of Partitions & Linux File System
 - Partition Creation
 - Navigation through Linux File System
 - File System Management
 - File System Maintenance
- Management of files within Linux
 - Text Files- Creation & Editing
 - Trace Files
 - Regular Expression use for Text Search
 - Filter application to Text Streams
 - File Linking
 - File Backups and Restoration
- Permissions and Ownership of Linux
 - Update permissions of File & Directory
 - Update Default Permissions
 - Edit Ownership- File & Directory
 - Special Permissions & Attributes Setting
- File Printing
 - Local Printer Configuration
 - Printing of Files
 - Remote Configure Printing
- Package Management
 - RPM use for package management
 - Package verification
 - Package upgrade
 - Repositories Configuration
 - Use of YUM for package management
 - Management of Advanced Package & Application
- Kernel Services Management
 - Trip to Linux Kernel
 - Kernel Modules Customization
 - Linux initial RAM disk (initrd) image creation
 - Hardware & device driver management
 - Resource & Process Monitor
- Bash Shell and Shell Scripts Working
 - Performing Operations of Basic Bash Shell
 - Bash Shell Script Writing
 - Bash Shell Customization
 - Input & output standard redirect

- use of Control Statements in the Shell Scripts
- Jobs and Processes management
 - Managing jobs and process of background
 - Use of Process Table to Manage the Processes
 - Job delay and detach
 - Job Scheduling
 - System Time Maintenance
- System Service Management
 - System Services Configuration
 - System Logs monitoring
 - Configuration of SELinux (Security enhanced Linux)
- Network Services Configuration
 - Network Connection
 - Routes Configuration
 - Client Network Services Configuration
 - Management of Remote Network Systems
- Basic Internet Services Configuration
 - Email Service Configuration
 - Internet Service Control
- Linux Security
 - Basic Security implementation
 - User Account Security
- Hardware Management
 - Common Hardware and Resources Components Identification
 - Removable Hardware Configuration
 - Disk Quotas Configuration
- Linux System Troubleshooting
 - System-Based Issues Troubleshooting
 - Hardware Issues Troubleshooting
 - Network Security and Connection Troubleshooting
- Linux Installation
 - Installation Preparation
 - Linux Boot Process
 - GRUB Configuration
 - Operating System installation
- GUI Configuration
 - Implement X
 - Display Manager Customization
 - Enabling Accessibility Settings in Linux

Note: ***Most of the course topics are covered with hands-on lab exercises and others are theoretical

Thank You
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