

# RH133 Training Course Content

## UNIT 1 - Installation

- · Hardware Overview
- · CPU and Memory
- · Preparing to Install
- · Multiboot systems
- · The RHEL Installer
- · Installer Features
- · RHEL Installation Overview
- · Partitioning Hard Drives
- · Sample Partition Structure
- · Configuring File Systems
- · Software RAID
- · LVM: Logical Volume Manager
- · Network Configuration
- · Firewall Setup
- · Security Enhanced Linux
- · SELinux Installation Options and Control
- · Package Selection
- · Validating the Installation
- · noprobe Mode and Driver Disks
- · Post-Install Configuration
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## UNIT 2 - System Initialization and Services

- · Boot Sequence Overview
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- · Boot Loader Components
- · GRUB and grub.conf
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- · init Initialization
- · Run levels
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## UNIT 3 - Kernel Services and Configuration

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- · Agenda
- · Kernel Modules

- · Kernel Module Configuration
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- · Hotswappable Bus Support
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#### UNIT 4 - Filesystem Management

- · System Initialization: Device Recognition
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- · mii-tool
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- · RPM Package Manager
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- · Other RPM Utilities and Features
- · Automatic Dependency
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- · RHN in the Enterprise
- · RHN Registration
- · The up2date utility
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- · Using Kickstart to Automate Installation
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- · User Policy Considerations
- · The User Account Database - /etc/passwd
- · Adding a New User Account
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- · CUPS: Common Unix Printing System
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- · Tape Drives
- · Using tar/star
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- · Using cpio
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- · XOrg Server Design
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- · Converting LVM1 to LVM2
- · Creating Logical Volumes
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- · Troubleshooting X
- · Troubleshooting Networking
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- · Recovery Run-levels
- · Rescue Environment
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