



RH184-Red Hat Enterprise Linux Virtualization

Course Description

Virtualization--the ability for a single system to act as multiple systems--is becoming a key technology in the data center. Virtualization permits more efficient allocation of hardware resources, keeping costs in control while maintaining the security that comes with placing key applications in separate computer silos.

The RH184 Red Hat Enterprise Linux Virtualization course teaches system administrators how to deploy virtualized versions of Red Hat Enterprise Linux, thus taking greater advantage of hardware and other resources.

Goal

A Red Hat Enterprise Linux system administrator who can install, configure, and manage virtual hosts on Red Hat Enterprise Linux 5.

Course Topics

- Unit 1: Introduction to Virtualization
- Unit 2: Basic Paravirtualized Domain Installation
- Unit 3: Virtual Machine Management
- Unit 4: Advanced Installation and Configuration
- Unit 5: Live Migration
- Unit 6: Troubleshooting
- Unit 7: Hardware-assisted Virtualization

Who Should Attend

Linux system administrators who understand how to install and configure a Red Hat

Enterprise Linux system and who wish to learn to install, configure, and manage Red Hat Enterprise Linux 5 in a virtualized environment.

Prerequisites

One of the following:

1. Has system administration knowledge under Red Hat Enterprise Linux equivalent to RH131, RH133, or RHCT certification. This knowledge includes: installation, service management (using service and chkconfig, for example), basic system monitoring (using ps and top, and perhaps meminfo and the /proc filesystem), filesystem management (using fdisk and mkfs), and basic troubleshooting (including managing log files, understanding dmesg, and perhaps the use of hardware probing tools such as ethtool and lspci); or:
2. Has taken RH131 or RH133; or:
3. Holds a current RHCT certification;

Skill:

Format:

- 2 days intensive training on Red Hat Enterprise Linux 5
- Hands-on labs and exercises
- One workstation per student!
- Student materials
- Red Hat promotional items!

Type: 5 Training units

Duration: 2 Day