

Red Hat Virtualization

Code:	RH318
Length:	4 days
URL:	View Online

Red Hat Virtualization (RH318) helps IT professionals acquire the skills needed to deploy, administer, and operate virtual machines in their organization using Red Hat® Virtualization.

Skills Gained

- Installing and configuring Red Hat Virtualization
- Configuring networking and storage for use with Red Hat Virtualization
- Managing user accounts and access to the Red Hat Virtualization environment
- Installing and managing virtual machines in Red Hat Virtualization
- Using templates for rapid virtual machine deployment
- Managing virtual machine snapshots and images
- Backing up and upgrading Red Hat Virtualization
- Migrating virtual machines and exploring high availability options

Who Can Benefit

Linux system administrators and virtualization administrators interested in deploying and managing large-scale virtualization solutions managing virtual servers in their datacenters, based on the Red Hat Virtualization open virtualization management platform

Prerequisites

- Red Hat Certified System Administrator (RHCSA®) certification or equivalent experience

Course Details

Unit 1: Introduction to Red Hat Enterprise Virtualization Platform

- Red Hat Enterprise Virtualization overview
- Red Hat Enterprise Virtualization demo

- x86 Virtualization
- Introduction to KVM

Unit 2: Red Hat Enterprise Linux 5.4 Hosts

- Red Hat Enterprise Linux 5.4 hosts in the data center
- Using live-CD tools

Unit 3: Red Hat Enterprise Virtualization Hypervisor

- Architecture overview
- Deployment modes
- Installation and configuration
- Reconfiguration/tools
- Upgrading
- Kernel command line parameters/automated installs
- Boot process
- Configuration persistence
- Troubleshooting

Unit 4: Red Hat Enterprise Virtualization Architecture

- Physical resources
- Virtual resources
- Data center creation examples
- Populating ISO library

Unit 5: Red Hat Enterprise Virtualization Manager

- Management console demonstration
- Management console installation process
- Management console post-installation

Unit 6: Red Hat Enterprise Virtualization Virtual Server

- New virtual server
- Creating your first VM
- Editing VM properties
- VM live migration

Unit 7: Red Hat Enterprise Virtualization Platform Image Management

- New virtual server
- Creating your first VM
- Editing VM properties
- VM live migration

Unit 8: Advanced topics and labs

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