

## RH318: Red Hat Enterprise Virtualization

Course Code: RH318

Duration: 4 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

### OVERVIEW

Deploy, configure, manage, and migrate virtual environments. Red Hat Virtualization (RH318) teaches you the skills needed to deploy, administer, and operate virtual machines in your organization using Red Hat® Virtualization. Through numerous hands-on exercises, you will demonstrate the ability to deploy and configure the Red Hat Virtualization infrastructure and use it to provision and manage virtual machines. This offering also prepares you for the Red Hat Certified Specialist in Virtualization exam.

This course is based on Red Hat Enterprise Virtualization 4.3 and Red Hat Enterprise Linux® 7.6 and 8, as well as Red Hat Hyperconverged Infrastructure for Virtualization 1.6.

### SKILLS COVERED

- Configure Red Hat Virtualization
- Configure networking and storage for use with Red Hat Virtualization
- Manage user accounts and access to the Red Hat Virtualization environment
- Install and manage virtual machines in Red Hat Virtualization
- Use templates for rapid virtual machine deployment
- Manage virtual machine snapshots and images
- Migrate virtual machines and explore high-availability options

### WHO SHOULD ATTEND?

- Experienced Linux system administrators responsible for managing enterprise servers who are interested in learning how to manage large numbers of servers or virtual machines using Red Hat Enterprise Virtualization
- IT professionals interested in earning a Red Hat Certified Virtualization Administrator (RHCVA) certification

### PREREQUISITES

- Become a Red Hat Certified System Administrator (RHCSA®), or demonstrate equivalent experience
- Being a Red Hat Certified Engineer (RHCE®) is strongly recommended for Ansible® automation comprehension

### MODULES

#### Module 1: Deploy Red Hat Enterprise Virtualization Platform

#### Module 2: Configure Red Hat Enterprise Virtualization Environment (datacenters, clusters, and storage domains)

#### Module 3: Install, Manage, and Troubleshoot Virtual Machines (servers and desktops)

#### Module 4: Create Virtual Machine Snapshots and Explore High-Availability Options

#### Module 5: Use Templates for Rapid Virtual Machine Deployment

#### Module 6: Secure Red Hat Enterprise Virtualization Environment with Multilevel Administrative Roles

#### Module 7: Monitor and Create Custom Reports

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