



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Red Hat**

# Red Hat Enterprise Virtualization with exam

<b>CODE:</b>	<b>DURÉE:</b>	<b>PRIX H.T.:</b>
REH_319	40 Hours (5 Jours)	€3,686.00

## Description

Red Hat® Enterprise Virtualization (RH318) teaches experienced system administrators how to use the virtualization features of Red Hat Enterprise Linux® managed through the [Red Hat Enterprise Virtualization](#) suite.

## Objectifs

Students acquire the skills and knowledge to effectively create, deploy, manage, and migrate Linux virtual machines hosted on either dedicated Red Hat Enterprise Virtualization Hypervisor nodes or Red Hat Enterprise Linux servers using Red Hat Enterprise Virtualization Manager. With hands-on labs and a deep dive into the technology, this training course is the perfect first step for enterprise planning or executing a virtualization deployment strategy.

This course also helps candidates prepare for the [Red Hat Enterprise Virtualization Administrator exam \(EX318\)](#), which, if passed, earns them the [Red Hat Certified Virtualization Administrator \(RHCVA\)](#) certification.

Read the entire course outline for more details.

## Course content summary

- Deploy Red Hat Enterprise Virtualization platform
- Configure Red Hat Enterprise Virtualization environment (datacenters, clusters, and storage domains)
- Install, manage, and troubleshoot virtual machines (servers and desktops)
- Create virtual machine snapshots and explore high-availability options
- Use templates for rapid virtual machine deployment
- Secure Red Hat Enterprise Virtualization environment with multilevel administrative roles
- Monitor and create custom reports

## Audience

- 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

## Training Development

Red Hat Enterprise Virtualization overview

Understand general virtualization, KVM concepts, and Red Hat® Enterprise Virtualization platform.

Red Hat Enterprise Virtualization Manager

Install, test, remove, and troubleshoot Red Hat Enterprise Virtualization Manager.

Red Hat Enterprise Virtualization Hypervisor

Install, configure, upgrade, and troubleshoot Red Hat Enterprise Virtualization Hypervisor.

Red Hat Enterprise Virtualization environment configuration

Create and configure datacenters, clusters, storage domains, and logical networks.

Red Hat Enterprise Virtualization for Servers

Install, perform basic management of, and troubleshoot virtual servers and images.

Red Hat Enterprise Virtualization for Desktops

Install virtual desktops and configure paravirtualized drivers

Virtual machine templates

- Create Red Hat Enterprise Linux virtual machines with template images.
- Pools and users
  - Use pools and deploy the user portal with multilevel administrative roles.
- Monitoring and reports
  - Monitor Red Hat Enterprise Virtualization and create custom reports.
- Advanced Red Hat Enterprise Virtualization
  - Back up and restore Red Hat Enterprise Virtualization; CLI and API interfaces.
- Red Hat Enterprise Linux hosts
  - Manage virtual machines with Red Hat Network.
- Migration and high availability
  - Migrate a virtual machine and explore high availability
- Comprehensive review
  - Apply the performance objectives learned throughout the course

**Note:** Course outline is subject to change with technology advances and as the nature of the underlying job evolves.

## Prérequis

IT professionals who have earned an [Red Hat Certified System Administrator \(RHCSA\)](#) certification or maintain the equivalent experience with Linux.

## Options

### RHCVA exam (EX318)

Hands-on, performance-based, 3-hour exam.

### Red Hat Certified Virtualization Administrator - RHCVA

Earn an RHCVA certification by proving your ability to deploy and manage virtual hosts in production environments using Red Hat Enterprise Virtualization.

## Dates de session

Sur demande. [Merci de nous contacter](#)

## Informations

### Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)