



Red Hat  
EMEA Ecosystem  
Strategic Initiatives Team

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## EMEA Partner Development: OpenShift Virtualization Enablement by role

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#### Get Access to the Red Hat Partner Training Portal

To enrol in the courses below you will need a Red Hat Partner Connect account. If you already have an active account please [log in here](#). If you do not yet have an account, please follow the step by step processes for:

- [Joining Red Hat Partner Connect.](#)
- [Joining an existing partner company account on Red Hat Partner Connect.](#)
- [Connect with partner support](#)

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## Seller

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### [Red Hat OpenShift Virtualization: Overview](#)



*Online self-paced course*

This course provides a high-level overview of Red Hat® OpenShift® Virtualization, a feature of Red Hat OpenShift.

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### [What's New in Red Hat's Virtualization Portfolio](#)



*Online self-paced video*

A selection of videos about the latest features in Red Hat's Virtualization Portfolio.

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### [Technology Decision Point Fundamentals](#)



*Online self-paced video*

This course will help us describe how to leverage sales plays to win our customers' Technology Decision Points (TDPs) with the Red Hat Portfolio that is trusted, comprehensive, and consistent.

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### [What's New InFive Podcast - Virtualization Strategy](#)



*Online self-paced podcast*

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## Technical Seller

### Introduction

#### [Red Hat OpenShift Virtualization: Overview](#)



*Online self-paced course*

This course provides a high-level overview of Red Hat® OpenShift® Virtualization, a feature of Red Hat OpenShift.

#### [What's New in Red Hat's Virtualization Portfolio](#)



*Online self-paced video*

A selection of videos about the latest features in Red Hat's Virtualization Portfolio.

#### [OpenShift Virtualization Overview Course](#)



*Online self-paced video*

This course provides a high-level overview of Red Hat® OpenShift® Virtualization, a feature of Red Hat OpenShift for technical sellers.

#### [Red Hat OpenShift Virtualization Technical Overview \(DO016\) v4.14](#)



*Online self-paced video*

Red Hat OpenShift Virtualization Technical Overview (DO016) is a series of on-demand, online videos that introduce you to Red Hat OpenShift Virtualization. Learn virtual machine creation and management, host and VM networking, storage, high availability and bare metal management, and Migration Toolkit for Virtualization.

#### [What's New InFive Podcast - Virtualization Strategy](#)



*Online self-paced podcast*

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## Technical Seller

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### Advanced

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#### [Architecting OpenShift Virtualization](#)



*Online self-paced course*

This quick course is a part of a series of courses about migrating applications and VM workloads from VMware to OpenShift Virtualization.

#### [Map vSphere features to OpenShift Virtualization](#)



*Online self-paced course*

This quick course covers mapping vSphere features to Red Hat® OpenShift® Virtualization. It is part of a series of courses about migrating applications and virtual machine (VM) workloads from VMware to OpenShift Virtualization.

#### [Managing Virtual Machines with Red Hat OpenShift Virtualization](#)



*Online self-paced course*

Managing Virtual Machines with Red Hat OpenShift Virtualization (DO316) is a hands-on course that teaches the essential skills to create and manage virtual machines (VM) on OpenShift by using the Red Hat OpenShift Virtualization operator. This course does not require previous knowledge of containers and Kubernetes.

#### [Migrate VMs from VMware vSphere to Red Hat OpenShift Virtualization using Migration Toolkit for Virtualization \(MTV\)](#)



*Online self-paced course*

This quick course covers migrating virtual machines (VMs) from VMware vSphere to Red Hat® OpenShift® Virtualization by using Migration Toolkit for Virtualization (MTV). It is a part of a series of courses about migrating applications and VM workloads from VMware to OpenShift Virtualization.

#### [Modernize Applications for Cloud-Native Development with Red Hat OpenShift](#)

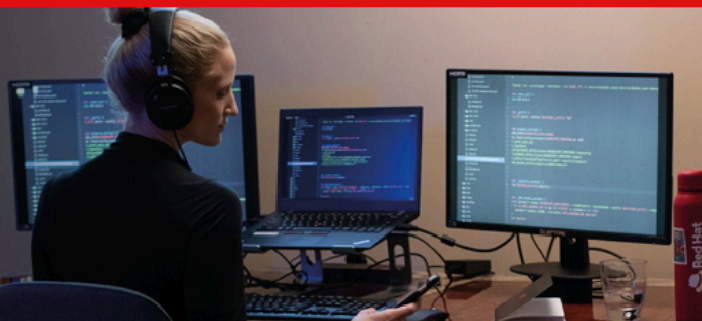


*Online self-paced video*

Unleash the power of Kubernetes using existing infrastructure without the added complexity, overhead, and expense. This quick video outlines how Red Hat OpenShift can help an organization modernize applications with Kubernetes. Cost savings and time savings are front of mind for customers, and the flexibility that Red Hat OpenShift rapidly delivers the experience needed.



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## Red Hat Certifications

While the above cost-free Red Hat Training opportunities are enabling you to be fully competent in selling and working with Red Hat products, Red Hat Certifications are the way of showing that you are the expert when it comes to Red Hat technology. Find below listed free courses for partners that can be complemented with a paid certification exam. Depending on the level of skill, knowledge or previously achieved certifications of the student, they may start the training at the step which best suits them.

## Delivery

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### [Red Hat Virtualization \(RH318\)](#)



*Online self-paced - 40 hours*

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.

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### [Managing Virtual Machines with Red Hat OpenShift Virtualization \(DO316\) v4.10](#)



*Online self-paced - 24 hours*

Create and manage virtual machines on OpenShift using the Red Hat OpenShift Virtualization operator Managing Virtual Machines with OpenShift Virtualization teaches the essential skills required to create and manage virtual machines (VM) on OpenShift using the Red Hat OpenShift Virtualization operator. This course does not require previous knowledge of containers and Kubernetes.

This course provides:

- Skills required to create, access, and manage VMs on OpenShift clusters.
- Skills required to control usage and access of cpu, memory, storage, and networking resources from VMs using the same Kubernetes features that would also control usage and access to these resources for containers.
- Sample architectures to manage High Availability (HA) of VMs using standard Kubernetes features and extensions from OpenShift Virtualization.
- Strategies to connect VMs on OpenShift to data center services outside of their OpenShift cluster, such as storage and databases.
- Strategies to manage VMs as part of automated DevOps and GitOps workflows.

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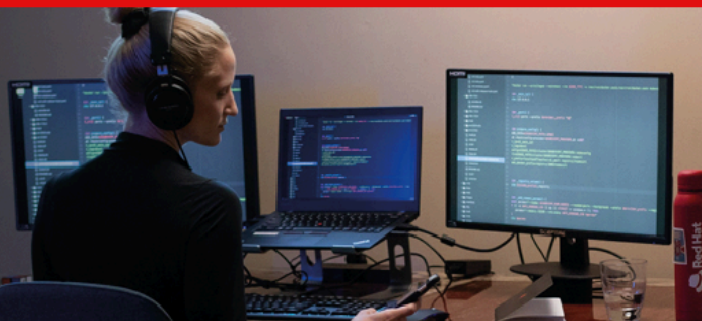
### [Managing Virtual Machines with Red Hat OpenShift Virtualization \(DO316\) v4.14](#)



*Online self-paced - 24 hours*

Managing Virtual Machines with OpenShift Virtualization teaches the essential skills required to create and manage virtual machines (VM) on OpenShift using the Red Hat OpenShift Virtualization operator. This course does not require previous knowledge of containers and Kubernetes.

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### Red Hat Certified Specialist in OpenShift Virtualization



*Online self-paced - 128 hours*

A Red Hat Certified Specialist in OpenShift Virtualization is able to deploy and manage virtual machines in a Red Hat OpenShift Container Platform environment. The skills and knowledge associated with this certification can be applied to both self-managed editions of OpenShift as well as managed services editions like Red Hat OpenShift on AWS (ROSA) and Azure Red Hat OpenShift.

A Red Hat Certified Specialist in OpenShift Virtualization is able to:

- Deploy the OpenShift virtualization operator
- Run and access virtual machines
- Configure Kubernetes networking for virtual machines
- Connect virtual machines to external networks
- Configure Kubernetes storage for virtual machines
- Manage virtual machine templates
- Manage virtual machine snapshots
- Clone virtual machines
- Perform virtual machine live migrations
- Perform node maintenance and OpenShift Virtualization updates
- Manage virtual machine load balancing with Kubernetes networking resources
- Configure health probes for virtual machines
- Prepare virtual machines for node failure

Please note that completion of all the courses in this learning path does not result in a certification. A certification can only be earned once **EX316** has been passed.

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### Red Hat Certified Specialist in Virtualization



*Online self-paced - 128 hours*

A Red Hat Certified Specialist in Red Hat Virtualization possesses the skills, knowledge, and abilities required to deploy and manage virtualization infrastructure, hosts, and guests using Red Hat Virtualization.

A Red Hat Certified Specialist in Red Hat Virtualization credential is able to:

- Install Red Hat Virtualization Manager.
- Create datacenters, clusters, pools, and templates in Red Hat Virtualization Manager.
- Install and configure Red Hat Virtualization hypervisors to support Linux and manage these hypervisors using Red Hat Virtualization Manager.
- Perform essential management tasks.

Please note that completion of all the courses in this learning path does not result in a certification. A certification can only be earned once **EX318** has been passed.