Automate and Manage Red Hat OpenShift Virtualization with Ansible and Exam (DO337)

Cursusduur: 4 Dagen **Cursuscode: DO337**

Beschrijving:

Learn how to use Red Hat Ansible Automation Platform to automate the migration and management of virtual machines in Red Hat OpenShift Virtualization.
Automate and Manage Red Hat OpenShift Virtualization with Ansible (DO336) is designed for virtual machine administrators interested in automating migration and management tasks of virtual machines in OpenShift Virtualization by using the Ansible Automation Platform operator. This course teaches how to deploy the Ansible Automation Platform operator in an OpenShift cluster to migrate and manage virtual machines. Customers migrating to Red Hat OpenShift Virtualization from other hypervisors need an automation solution to replace their previous automation products, such as vRealize Orchestrator by VMware.
With Ansible Automation Platform, customers can automate the migration, creation, and management of the virtual machines in OpenShift Virtualization.
This package (course + exam) inculdes an exam voucher and provides the following information and skills:
- An introduction to fundamental concepts of Ansible and Ansible Automation Platform
- Skills to deploy the Ansible Automation Platform operator, automation controller, and private automation hub instance in a Red Hat OpenShift cluster
- Strategies to migrate virtual machines from another hypervisor to OpenShift Virtualization by using the migration toolkit for virtualization operator and Ansible Automation Platform
- Skills to automate Day-2 tasks that help manage the entire VM lifecycle, such as provisioning virtual machines and supporting Kubernetes resources, managing compute resources and network devices, and installing software packages.
Note : *Starting January 2026 this bundle (Course + Exam) only exists in CR (classroom) if scheduled or Closed course modalities.*
If you are targeting a virtual class, please consider DO336LS the new RHLS-course subscription which includes as well an exam voucher.

Updated Jan2026

Doelgroep:

Virtual Machine Administrators who are interested in moving virtualized workloads from traditional hypervisors to OpenShift VirtualizationEnterprise architects, system administrators, and automation architects who are responsible for designing, managing, and automating an organization's virtual machine infrastructure.

Doelstelling:

- After this course participants should be able to:
- Understand the fundamentals concepts, use cases, and architecture of Ansible and Ansible Automation Platform
- Deploy and configure the Ansible Automation Platform operator, automation controller, and private automation hub in a Red Hat OpenShift cluster
- Migrate virtual machines from another hypervisor to Red Hat OpenShift Virtualization by using the migration toolkit for virtualization operator and Ansible Automation Platform
- Automate the creation and management of virtual machines in a Red Hat OpenShift Virtualization cluster by using the Ansible Automation Platform operator

Vereiste kennis en vaardigheden:

- Red Hat Certified Specialist in OpenShift Virtualization certification (EX316) or equivalent knowledge of managing virtual machines in Red Hat OpenShift.
- This course requires no previous experience with Ansible, however, learners are encouraged to attend, before taking DO336:
- Ansible Basics - Automation Technical Overview (DO0007).
- Although Linux skills are not required for managing OpenShift clusters and OpenShift Virtualization, operating individual Linux VMs requires Linux sysadmin skills that the following courses provide:

Examens en certificering

- Red Hat Certified Specialist in Automating OpenShift Virtual Machine Management Exam (EX336) - exam voucher included

- Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134) or managing the operating system inside a Linux VM skills

Take Red Hat free assessment to gauge whether this offering is the best fit for your skills Red Hat Skills Assessment

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Vervolgcursussen:

None

Cursusinhoud:

Introducing Red Hat Ansible Automation Platform

- Explain the need for automation, fundamental concepts of Ansible, and the architecture and use cases for Ansible and the Ansible Automation Platform Operator in a Red Hat OpenShift cluster.

Deploying and Configuring the Red Hat Ansible Automation Platform Operator

- Deploy and configure the Red Hat Ansible Automation Platform Operator, automation controller, automation hub operator instance in a Red Hat OpenShift Container Platform cluster.

Migrating Virtual Machines to Red Hat OpenShift Virtualization with Ansible Automation Platform

- Migrate virtual machines from a compatible hypervisor to Red Hat OpenShift Virtualization by using Ansible Automation Platform and the migration toolkit for virtualization (MTV) operator.

Automating Day-2 Operations for Virtual Machines in Red Hat OpenShift Virtualization with Red Hat Ansible Automation Platform

- Automate the creation and management of virtual machines in a Red Hat OpenShift Virtualization cluster by using the Ansible Automation Platform operator.

Extra informatie:

Official course book provided to participants.

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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