Red Hat Certified Specialist in Automating OpenShift Virtual Machine Management Exam

Kód kurzu: EX336

The Red Hat Certified Specialist in Automating OpenShift Virtual Machine Management Exam tests your ability to manage virtual systems running in an OpenShift cluster using Ansible Automation Platform. By passing this exam, you become a Red Hat Certified Specialist in Automating OpenShift Virtual Machine Management which counts towards earning a Red Hat Certified OpenShift Architect (RHCA®).This exam is based on Red Hat OpenShift Container Platform and Red Hat Ansible Automation Platform.

Pro koho je kurz určen

- **Virtualization Administrators, System Administrators and Site Reliability Engineers**
- who are looking for ways to boost their productivity and efficiency by automating day-to-day operations for virtual machines running in an OpenShift Cluster.
- **Cluster Operators**
- who need to automate the migration of virtual machines from an alternate virtualization provider to OpenShift Virtualization.
- Red Hat Certified Engineers
- who wish to become a
- Red Hat Certified Architect (RHCA)

Co Vás naučíme

Candidates for the Red Hat Certified Specialist in Automating OpenShift Virtual Machine Management Exam should be able to perform the following tasks:

Deploy the Red Hat Ansible Automation Platform Operator

- Deploy and configure the Red Hat Ansible Automation Platform Operator in a Red Hat OpenShift Container Platform cluster
- Deploy an automation controller instance in a Red Hat OpenShift Container Platform cluster
- Deploy an automation hub instance in a Red Hat OpenShift Container Platform cluster
- Configure automation controller after installation

Configure Ansible Automation Platform

- Upload content collections to Private Automation Hub
- Upload execution environments to Private Automation Hub
- Import execution environments to Automation Controller

Manage inventories and credentials

- Create an inventory of OpenShift Virtualization virtual machines
- Configure inventory variables
- Create and configure credentials to access OCP cluster, Git repository and Hub

Manage automation controller projects

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- Create projects
- Create job templates
- Launch jobs
- Create a job template survey
- Use variables from a survey in a Jinja2 template
- Create workflows

Configure the Ansible Automation Platform to migrate virtual machines

- Configure the Ansible Automation Platform Controller to prepare for a virtual machine migration
- Deploy Migration Tool Kit operator in the Openshift cluster
- Import a VM from compatible hypervisors, such as VMWare or Red Hat Virtualization, to OpenShift Virtualization by using the Migration Toolkit for Virtualization

Manage openshift virtualization using ansible AAP

- Create VMs using playbooks
- Manage VMs using playbooks
- Manage storage and network of VMs using playbooks
- Manage software installation and services of VMs using playbooks

Požadované vstupní znalosti

- Have taken
- Automate and Manage Red Hat OpenShift Virtualization with Ansible (DO336)
- or have comparable experience.
- Red Hat Certified Specialist in OpenShift Virtualization
- strongly recommended but not required.
- Have taken
- Managing Virtual Machines with Red Hat OpenShift Virtualization
- or comparable experience recommended but not required.
- Red Hat Certified Engineer (RHCE)
- is recommended but not required.
- Review the Red Hat Certified Specialist in Automating OpenShift Virtual Machine Management Exam (EX336) objectives
- Take our free assessment
- to find the course that best supports your preparation for this exam

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