



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# VMware vRealize Automation: Install Configure Manage [V7.x]

CODE:	LENGTH:	PRICE:
VM-VR-A-ICM-7-OE	40 Hours (5 days)	\$4,250.00

## Description

During this five-day course, you will focus on installing, configuring, and managing VMware vRealize Automation. You will learn about the configuration and use of the vRealize Automation platform, including self-service provisioning and the creation of catalog services that include predefined virtual machines, software components, and on-demand VMware NSX networks. This course also covers interfacing vRealize Automation with other systems, using VMware vRealize Orchestrator to leverage workflows, and creating approval cycles and managing machine lifecycles to conserve resources. In addition, you will better understand and know how to achieve the benefits of automation as a component of the software-defined data center.

## Objectives

- Describe the vRealize Automation architecture and use cases
- Install and configure vRealize Automation
- Manage vRealize Automation entities on VMware and third-party virtual, cloud, and physical infrastructures
- Configure and manage catalogs and blueprints
- Configure and manage business groups and reservations for compute resources on VMware, Microsoft, Amazon, and other platforms
- Use the self-service portal to request and manage machines in accordance with vRealize Automation approval and governance policies
- Explain vRealize Automation extensibility and workflows
- Manage and monitor machines and resource reclamation

## Audience

Experienced system administrators and system integrators responsible for designing and implementing VMware Horizon solutions

## Prerequisites

- VMware vSphere 6.x: Install, Configure, Manage
- VMware vSphere 6.x: Fast Track
- Equivalent knowledge and administration experience with VMware ESX/VMware ESXi and VMware vCenter Server
- Experience with working at the command line is helpful.

The course material presumes that a student can perform the following tasks with no assistance or guidance before enrolling in this course:

Install and configure ESX/ESXi

Install vCenter Server

Create vCenter Server objects, such as data centers and folders

Create and manage vCenter Server roles and permissions

Create and modify a standard switch

Create and modify a distributed switch

Connect an ESX/ESXi host to NAS, iSCSI, or Fibre Channel storage

Create a VMware vSphere® VMFS datastore

Enable VMware vSphere® vMotion® on an ESX/ESXi host

Use a wizard or a template to create a virtual machine

Modify a virtual machine's hardware

Migrate a virtual machine with vSphere vMotion

Migrate a virtual machine with VMware vSphere® Storage vMotion®

Configure and manage a VMware vSphere® Distributed Resource Scheduler™ cluster with resource pools

Configure and manage a VMware vSphere® High Availability cluster

## Programme

- 2 vRealize Automation Overview and Architecture
  - Explain the role of vRealize Automation
  - Describe where vRealize Automation fits in the VMware product stack
  - Identify the components of a vRealize Automation simple deployment
  - Identify the components of a vRealize Automation enterprise deployment
- 1 Course Introduction
  - Introductions and course logistics Identify the component design options for vRealize Automation
  - Course objectives Explain the concepts of vRealize Automation administration and self-service provisioning
- 3 Authentication, Fabric, and Tenants
  - Identify the authentication methods available
  - Describe identity management
  - Identify the appropriate roles for various tasks
  - Define relationships between vRealize Automation entities
  - Identify and configure vRealize Automation endpoints
  - Identify how vRealize Automation discovers compute resources
  - Define the vRealize Automation roles
  - Identify fabric groups, business groups, and reservations
  - Create tenants
  - Create and manage reservations for compute resources
- 4 Converged Blueprints and Catalog Management
  - Create and manage machine blueprints, custom service blueprints, and application blueprints
  - Manage service catalog items with entitlements and approval policies
  - Create approval policies
  - Identify approval policy levels and approval phases
- 5 Consuming Catalog Services
  - Provision new machines and services
  - Deploying applications
  - Updating applications
  - Manage deployments
  - Manage self-provisioned machines
  - Use custom properties
  - Use build profiles
  - Use the property dictionary

## Session Dates

On request. Please [Contact Us](#)

## Additional Information

This training is also available as onsite training. Please contact us to find out more.