



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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VMware vRealize Automation: Install Configure Manage [V6.2]

CODE:	LENGTH:	PRICE:
VM-VR-A-ICM-62	40 Hours (5 days)	\$4,250.00

Description

This training course focuses on installing, configuring, and managing VMware vRealize™ Automation. This course covers the configuration and use of the vRealize Automation platform, including self-service provisioning and the creation of multivendor cloud services. This class also helps students understand and achieve the benefits of automation as a component of the software-defined data center.

Students who complete this course may enroll in an advanced vRealize Automation course. For advanced course options, go to www.vmware.com/education.

Objectives

- Describe the vRealize Automation architecture and use case in today's multivendor cloud environments
- Install and configure vRealize Automation 6.2
- Deploy Distributed Execution Managers and agents for vRealize Automation connectivity
- Configure endpoints to support compute fabric connectivity
- Manage vRealize Automation 6.2 entities on VMware hardware, third-party hardware, and cloud infrastructures
- Configure vRealize Automation infrastructure services
- Configure and manage tenants and blueprints
- Configure and manage a service catalog
- Configure and manage role-based access control
- Request and manage machines through the user portal
- Analyze and configure vRealize Automation workflows
- Integrate VMware vRealize™ Orchestrator™ with vRealize Automation
- Automate application provisioning with VMware vRealize™ Application Services
- Manage and monitor machines and resource reclamation
- Manage cost reporting with VMware vRealize™ Business™

Audience

Experienced system administrators, cloud administrators, system integrators, and operational developers

Prerequisites

VMware vSphere: Install, Configure, Manage [V5.x] or equivalent knowledge

Programme

- 1.Course Introduction ◦Introductions and course logistics ◦Course outline ◦Course goals ◦Course objectives
- 2.Architecture and Components ◦Identify the components of a vRealize Automation deployment that is used to manage a multivendor hybrid cloud ◦Identify the component design options for vRealize Automation ◦Explain the concepts of vRealize Automation administration and self-service provisioning ◦Identify how vRealize Automation integrates with other VMware products ◦Explain the concept of multitenancy ◦Identify the abstraction layers of the vRealize Automation cloud ◦Identify the administrator roles used by vRealize Automation
- 3.Installation ◦Explain the vRealize Automation installation prerequisites ◦Identify the vRealize Automation appliances and component installers ◦Define the vRealize Automation installation procedure
- 4.Configuring IaaS ◦Define relationships between vRealize Automation entities ◦Identify and configure vRealize Automation endpoints ◦Identify how vRealize Automation discovers compute resources ◦Define vRealize Automation roles ◦Identify fabric groups, business groups, and reservations ◦Create tenants ◦Create and manage reservations for compute resources
- 5.Blueprints and Catalog Services ◦Create and manage single-machine and multimachine blueprints ◦Manage service catalog items with entitlements and approval policies
- 6.Provisioning Services ◦Provision new machines and services ◦Manage self-provisioned machines ◦Create approval policies ◦Identify approval policy levels and approval phases ◦Use custom properties ◦Use build profiles ◦Use the property dictionary
- 7.Extensibility ◦Identify extensibility and customization options ◦Use vRealize Orchestrator ◦Configure plug-ins for external integration ◦Use the Advanced Service Designer ◦Create custom forms and services

8. Monitoring and Reclamation ◦ Identify and verify inactive and abandoned resources ◦ Manage machine leases ◦ Manage machine reclamation

9. Operational Management ◦ Configure vRealize Business ◦ Report financial data for a cloud infrastructure ◦ Troubleshoot common vRealize Business problems

10. Managing Applications ◦ Define the role of vRealize Application Services ◦ Identify vRealize Application Services infrastructure components and requirements ◦ Deploy and manage vRealize Application Services ◦ Configure application provisioning ◦ Create, manage, and update applications ◦ Manage catalog services

Test and Certification

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Session Dates

On request. Please [Contact Us](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)