

VMCAC-ICM v5.2 - VMware vCloud Automation Center: Install, Configure, Manage

Course Outline

1. VMware vCloud Automation Center Architecture and Components

- Explain the architecture for deploying vCloud Automation Center to manage a multivendor cloud
- Explain the components involved in a single vendor cloud infrastructure using vCloud Director and VMware vSphere
- Define the ports associated with the communication among vCloud Automation Center components
- Understand and customize the elements of the vCloud Automation Center administration console

2. VMware vCloud Automation Center Architecture and Components

- Explain the role of Distributed Execution Managers and agents
- Explain the types of agents and agent relationships

3. VMware vCloud Automation Center Configuration, Provisioning, and Management

- Understand the relationships among vCloud Automation Center entities
- Identify and configure vCloud Automation Center endpoints
- Demonstrate how vCloud Automation Center discovers compute resources from VMware, Microsoft, Citrix, and AmazonvExplain provisioning groups, enterprise groups, blueprints, and reservations for compute resources

4. VMware vCloud Automation Center Self-Service Portal

- Review the installation requirements and process for the self-service portal
- Use the Self-Service portal to provision machines from virtual, cloud, and physical resources
- Review provisioning requests

5. Managing and Monitoring vCloud Automation Center Resources

- Identify, verify, and reclaim inactive and abandoned resources
- Monitor vCloud Automation Center resources with the administration portal
- Monitor vCloud Automation Center resources with the report portal

6. VMware vCloud Automation Center Models and Workflows

- Review Windows Workflow Foundation
- Define and demonstrate default vCloud Automation Center workflows
- Explain how to use VMware vCenter Orchestrator workflows from vCloud Automation Center

7. VMware vCloud Automation Center Installation and Upgrade

- Review vCloud Automation Center interoperability
- Explain vCloud Automation Center installation prerequisites
- Identify vCloud Automation Center component installers
- Identify the vCloud Automation Center installation procedure