

## **Cloud Computing Training**







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## **Course Objective**

- > Exploit the benefits of the different cloud service models: SaaS, PaaS, and IaaS
- Leverage services provided by the major public cloud providers
- ➤ Configure and provision resources on a private IaaS cloud
- > Apply tips and best practices when adopting the cloud

## **Target Audience**

- ➤ Information Technology Officers
- ➤ Information Technology Division Managers

## **Course Outline**

#### Day 1

- > VMware Cloud Director Architecture and Components
- > Describe how VMware products use the cloud computing approach
- > Review vCloud Director components and explain their functions
- Examine integration with other VMware products such as VMware Center
- ➤ Charge back and VMware Center Operations Manager
- > Determine the licensing needs
- VMware Cloud Networking
- > Describe the network types available in vCloud Director
- ➤ Discuss the organization and App network traffic choices



#### Day 2

- > Describe the function of network pools
- > Explain how to share content between organizations and Apps
- > VMware Cloud Providers
- ➤ Identify storage resources for Cloud Director
- ➤ Configure and manage storage for providers
- Examine provider space allocation to an organization
- ➤ Recognize VMware vSphere Storage Motion Course
- ➤ Mange storage requirements for linked clones and shadow virtual machine

#### Day 3

- VMware Cloud Director Organizations
- > Create and manage organizations
- ➤ Outlines Recognize resource allocations for an organization
- Create and manage catalog
- ➤ Basic Security
- ➤ Describe role-based access
- Create custom security role
- ➤ Describe and configure LDAP integration with Microsoft Active Directory

#### Day 4

- ➤ Managing Cloud Resources
- Understand and identify how vSphere fulfills Cloud Director requests
- ➤ Manage provider and organization virtual data centers
- ➤ Managing VMware vSphere Resources
- ➤ Manage VMware Center Server instances
- ➤ Manage VMware ESXi hosts
- ➤ Manage vSphere data stores
- Manage stranded items



#### Day 5

- ➤ Configure and manage resource pools at the vSphere level
- ➤ Monitoring VMware Cloud Components
- ➤ Monitor usage information at provider and organization virtual data centers
- ➤ Analyze vCloud Director logs to monitor vCloud Director cells
- ➤ Organization Users
- ➤ Inter Describe the catalog tasks available to organization users of various roles
- ➤ Describe the vApp tasks available to organization sets in various roles
- > VMware Cloud Director Installation
- ➤ Describe the required prerequisites for a vCloud Director installation
- ➤ Install Cloud Director outline

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