

VMware vCloud Director Administrator Training

course content

□ **Module 1: Introduction**

- ❖ Introduction and course logistics
- ❖ Course objectives

□ **Module 2: VMware vCloud Director Architecture Review**

- ❖ Cloud Director Hardware and Software Requirements
- ❖ Components of VMware cloud infrastructure
- ❖ Logical constructs in vCloud Director
- ❖ Cloud architecture fundamentals

❑ Module 3: Installing & Configuring VMware Cloud Director Cluster

- ❖ Install Cloud Director Software on the First Server Host
- ❖ Configure Network and Database Connections
- ❖ Start Cloud Director Services
- ❖ Install Cloud Director Software on Additional Server Hosts
- ❖ Uninstall VMware Cloud Director Software
- ❖ Review the License Agreement
- ❖ Enter the License Key
- ❖ Create the System Administrator Account
- ❖ Specify System Settings
- ❖ Ready to Log In

□ Module 4: Basic Configuration of Cloud Director

- ❖ Log In to the Web Console
- ❖ Preparing the System
- ❖ Create a Microsoft Sysprep Deployment Package
- ❖ Replace a Microsoft Sysprep Deployment Package
- ❖ Set User Preferences
- ❖ Change a System Administrator Password
- ❖ Adding Resources to Cloud Director
- ❖ Adding vSphere Resources
- ❖ Adding Cloud Resources

□ Module 5: Catalog Administration

- ❖ Enable Catalog Publishing
- ❖ Create a Catalog
- ❖ Upload a vApp Template
- ❖ Import a vApp Template from vSphere
- ❖ Upload a Media File
- ❖ Import a Media File from vSphere
- ❖ Publish a Catalog

□ Module 6: Networks Designing Administration

- ❖ Types of vCloud Director networks
- ❖ vCloud Director Network Isolated networks
- ❖ vCloud Director network pools
- ❖ vCloud Director network management
- ❖ vCloud Director network security

□ Module 7: Managing Cloud Resources

- ❖ Managing Provider vDCs
- ❖ Managing Organization vDCs
- ❖ Managing External Networks
- ❖ Managing Organization Networks
- ❖ Managing Network Pools
- ❖ Managing Cloud Cells

□ Module 8: Storage Designing Administration

- ❖ vCloud storage resources
- ❖ Storage tiering
- ❖ Segmenting storage based on speed
- ❖ Storage leases
- ❖ Catalog storage
- ❖ Thin provisioning
- ❖ VMware Storage vMotion

□ Module 9: Managing vSphere Resources

- ❖ Managing vSphere vCenter Servers
- ❖ Managing vSphere ESX / ESXi Hosts
- ❖ Managing vSphere Data Stores
- ❖ Managing Stranded Items

□ Module 10: Organizations Designing Administration

- ❖ Organization creation
- ❖ Accessing multiple provider vDatacenters from one organization
- ❖ vApps
- ❖ Catalogs
- ❖ Organization networks and external networks

□ Module 11: Managing Organizations

- ❖ Enable or Disable an Organization
- ❖ Delete an Organization
- ❖ Modify an Organization Name
- ❖ Modify an Organization Full Name and Description
- ❖ Modify Organization LDAP Options
- ❖ Modify Organization Catalog Publishing Policy
- ❖ Modify Organization Email Preferences
- ❖ Modify Organization Lease, Quota, and Limit Settings
- ❖ Add a Catalog to an Organization
- ❖ Managing Organization Resources
- ❖ Managing Organization Users and Groups
- ❖ Managing Organization vApps

❑ Module 12: Security Designing Administration

- ❖ Authentication and authorization
- ❖ Role-based access controls
- ❖ Organization administrators
- ❖ Organization security and LDAP integration
- ❖ Predefined roles
- ❖ Custom roles

❑ Module 13: Managing System Administrators and Roles

- ❖ Add a System Administrator
- ❖ Import a System Administrator
- ❖ Enable or Disable a System Administrator
- ❖ Delete a System Administrator
- ❖ Edit System Administrator Profile and Contact Information
- ❖ Send an Email Notification to Users
- ❖ Delete a System Administrator Who Lost Access to the System

- ❖ Import a LDAP Group
- ❖ Delete an LDAP Group
- ❖ Change an LDAP Group Description
- ❖ Roles and Rights Administration
- ❖ Predefined Roles and Their Rights

□ Module 14: Managing System Settings

- ❖ Modify General System Settings
- ❖ Configure SMTP Settings
- ❖ Configure System Notification Settings
- ❖ Configuring the System LDAP Settings
- ❖ Customize the Cloud Director Client UI
- ❖ Configure the Public Web URL
- ❖ Configure the Public Console Proxy Address
- ❖ Configure the Public REST API Base URL

❑ **Module 15: Chargeback Designing Administration**

- ❖ Modules of consumption
- ❖ vCenter Chargeback metrics
- ❖ vCenter Chargeback server configuration
- ❖ vCenter Chargeback data collectors

❑ **Module 16: Cloud Director Monitoring Administration**

- ❖ Viewing Tasks and Events
- ❖ View Usage Information for a Provider vDC
- ❖ View Usage Information for an Organization vDC
- ❖ Using Cloud Director's JMX Service
- ❖ Viewing the Cloud Director Logs
- ❖ Cloud Director and Cost Reporting
- ❖ Monitoring Quarantined Files

**This course specially designed for VMware vCloud Director Administration
We Provide 100% Real-Time LAB Practical's with Job Assistance**

Total duration of the course: - 15 Working days

Duration of the course per day: - 3 Hours

Course fee: - 20000Rs (INR) * service tax will be extra *****

Online Training Fee details: -

Course fee: - 25000Rs (INR) * service tax will be extra *****

Terms & Conditions

1. Additional Administration Tasks will be covered on weekends only.
2. Online LAB Access will be provided 24/7 for 30 day's as per additional payment.
3. The course content can be changed as per the technology without prior notice.

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