



*Training Course:
VMware Cloud Director: Deploy, Configure, and
Manage*

12 - 23 October 2025

Dubai (UAE)

Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course: VMware Cloud Director: Deploy, Configure, and Manage

Training Course code: IT235962 From: 12 - 23 October 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 7700 € Euro

Introduction

This 10-day intensive course is designed by Global Horizon Training Center to provide IT professionals with a comprehensive understanding of VMware Cloud Director VCD and its capabilities in building and managing cloud environments. The course covers core concepts, architecture, installation, configuration, administration, integration with NSX-T, automation, monitoring, and advanced troubleshooting. Participants will acquire the skills to deliver robust, secure, and scalable multi-tenant cloud services using VMware Cloud Director.

Objectives

By the end of the training, participants will be able to:

- Deploy and configure a secure and scalable VMware Cloud Director environment.
- Create and manage provider and organization virtual datacenters.
- Deploy vApps and configure catalogs for self-service provisioning.
- Integrate and configure advanced networking using NSX-T.
- Monitor, secure, and automate cloud environments.
- Apply operational best practices and conduct troubleshooting.

Target Audience

- Cloud Administrators and Operators
- System Integrators and Infrastructure Engineers
- Network and Virtualization Engineers
- VMware vSphere Administrators transitioning to cloud environments
- IT Architects designing cloud solutions for enterprises or service providers

Organizational Impact

- Empower the IT team to deploy and manage cloud infrastructure efficiently.
- Enhance agility and scalability of services through cloud automation.
- Improve multi-tenancy, security, and resource optimization.
- Reduce operational risks through best practices and policy enforcement.

Training Program Outline

Day 1: VMware Cloud Director Overview and Architecture

- Introduction to Cloud Computing and VMware's Cloud Stack
- VMware Cloud Director VCD concepts and components
- Use cases for service providers and enterprises
- VCD and vSphere/NSX integration overview
- Architecture design considerations and deployment models

Day 2: Installation and Initial Configuration

- VCD installation and prerequisites
- Database and NFS setup
- Certificate management SSL/TLS
- Configuring VCD cells and verifying services
- First-time system configuration

Day 3: Provider Virtual Data Centers and Network Pools

- Creating and managing Provider VDCs
- Storage policies and resource allocation models

- Network pools and backing types
- External networks and distributed switch integration
- Assigning resources to providers

Day 4: Organization VDCs and User Management

- Creating organizations and Org VDCs
- Allocation models: Pay-As-You-Go, Reservation, Allocation Pool
- User roles and rights management
- LDAP/SSO integration for authentication
- Resource and access control policies

Day 5: vApp and Catalog Management

- Creating vApps and virtual machines
- vApp network setup and management
- Snapshot and fencing features
- Managing public and private catalogs
- Publishing, sharing, and syncing templates

Day 6: Advanced Networking with NSX-T

- NSX-T overview and integration with VCD
- Network types: isolated, routed, direct
- Creating and managing edge gateways
- DHCP, NAT, firewall, load balancing, and VPN setup
- Configuring tenant networking via UI and API

Day 7: Security and Multi-Tenancy

- Security features in VMware Cloud Director
- Tenant-level security configuration
- Micro-segmentation and distributed firewalls
- Service provider policies and isolation
- Best practices for secure multi-tenancy

Day 8: Monitoring and Troubleshooting

- Health monitoring and logging vRealize Operations, VCD logs
- Troubleshooting network and VM issues
- CLI and API troubleshooting tools
- System alerts, capacity monitoring, and SLA metrics
- Disaster recovery considerations

Day 9: Automation and API Integration

- Overview of VCD API and extensibility
- Using Postman to interact with the VCD API
- Introduction to vRealize Orchestrator integration
- Building automated workflows and catalogs
- Infrastructure as Code with Terraform optional advanced topic

Day 10: Best Practices

- Operational best practices and governance
- Backup and restore strategies

- Upgrading and patching VCD environments
- Final Q&A and Certification of Completion

Registration form on the Training Course: VMware Cloud Director: Deploy, Configure, and Manage

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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