

# VMware vCloud Director: Tenant Operations [V10.x] (VCDTO10)

ID VCDTO10 Preis 3.440,- € (exkl. MwSt.) Dauer 5 Tage

Dieser Advanced-Kurs wird direkt von VMware durchgeführt.

## Kursüberblick

In this five-day course, you focus on configuring and managing VMware vCloud Director® for Service Providers 10.x Tenant Operations. You learn about self-service provisioning, the creation of certain organization virtual data center networks, vApp and its networks, catalog services that include predefined virtual machines, and on-demand VMware NSX® networks.

This course covers integrating vCloud Director with VMware vRealize® Orchestrator™ and the use of VMware vCloud® Availability for vCloud Director®. You will understand how to manage multisite, cross-VDC networking for vCloud Director. You will also understand how to use Central Point of Management (CPOM) to define a software-defined datacenter (SDDC) for tenant users of vCloud Director. This course also discusses how to monitor various vCloud Director objects using VMware vRealize® Operations Manager™.

## Product Alignment

- VMware vSphere 6.7 U2
- VMware vRealize Orchestrator 7.6
- VMware NSX® Data Center for vSphere® 6.46
- VMware NSX-TTM Data Center 2.4
- VMware vRealize Operations Manager 7.5
- VMware vCloud Availability for vCloud Director 3.5

## Zielgruppe

Experienced service provider customers, system

engineers, datacenter administrators, and tenant administrators with experience in managed services environment

## Voraussetzungen

This course requires completion of one of the following courses:

- VMware vSphere: Install, Configure, Manage [V6.7]
- [VMware vCloud Director: Install, Configure, Manage \(VCDICM\)](#)

## Kursziele

By the end of the course, you should be able to meet the following objectives:

- Understand role-based access control and custom roles
- Manage a vCloud Director organization's VDC and vApps
- Manage virtual machines using sizing and placement policies
- Create and share vCloud Director catalogs and vApp templates
- Describe and use CPOM to view dedicated VMware vSphere® datacenters in the tenant portal
- Configure networking for organizations and vApps with the help of VMware NSX®
- Configure the integration with vCloud Availability for vCloud Director
- Transfer virtual machine workloads from vSphere into and out of vCloud Director sites and between vCloud Director sites for customer onboarding
- Manage multisite deployment as a tenant administrator
- Know how to integrate vRealize

- Orchestrator and use the existing workflows
- Monitor vCloud Director using vRealize Operations Manager
- Know the new features of vCloud Director 10.x tenant operations

- List the various types of vApp networks
- Discuss vApp fencing
- Discuss routed, isolated, and direct vApp networks

## **Kursinhalt**

### **1 Course Introduction**

- Introductions and course logistics
- Course objectives

### **2 Introduction to vCloud Director, Service Provider, and Tenant Portal**

- Explain vCloud Director concepts
- Outline the preconfigured tasks by the service provider
- Describe and understand the tenant portal use cases

### **3 User Access Control**

- Discuss users and groups
- Understand the custom roles
- List the user roles
- Discuss role-based access control (RBAC)

### **4 Administering Virtual Machines**

- Create a standalone virtual machine
- Perform virtual machine operations
- Manage virtual machine properties

### **5 Working with vApps**

- Create virtual machines in a vApp
- Manage catalogs
- Share catalogs
- Discuss vApp templates

### **6 Organization VDC Networking**

- Understand organization VDC networks
- List the types of organization VDC networks
- Describe the edge gateway services
- List the enhanced NSX-T supported features from the tenant portal

### **7 vApp Networking**

- Create and manage vApp networks

### **8 vCloud Extensibility**

- Discuss vCloud Availability for vCloud Director
- Migrate virtual machines from cloud to cloud
- Migrate virtual machines from on-premises to cloud
- Integrate vRealize Orchestrator with vCloud Director
- Work with swagger, vCloud API, vCD CLI, and VMware PowerCLI™

### **9 Multisite Deployment and CPOM**

- Discuss multisite deployments
- Configure cross VDC networking
- Define software-defined data center (SDDC)
- Familiarize with SDDC and SDDC proxy
- Use enhanced Central Point of Management (CPOM) through tenant portal

### **10 Monitoring vCloud Director Resources**

- Monitor resources from the tenant portal
- Monitor vCloud Director objects with vRealize Operations Manager
- Understand dashboards, metrics, alerts, and reports

### **11 vCloud Director 10.x Tenant New Feature**

- Describe name disk feature
- Describe VM sizing and VM placement policies
- Describe object storage extension

# Über Fast Lane



Die weltweite Fast Lane-Gruppe ist Spezialist für Technologie- und Business-Training und Beratung im Highend-Bereich. Fast Lane ist autorisierter Trainingspartner führender Hersteller und bietet zudem eigene IT-Trainingsprogramme zu aktuellen Technologien und den wesentlichen Trends an. Herstellerübergreifende Beratungsleistungen reichen von vorbereitenden Analysen und Evaluierungen über die Konzipierung zukunftsweisender IT-Lösungen bis zum Projektmanagement und zur Umsetzung der Konzepte im Unternehmen. Training-on-the-Job und Weiterqualifizierung der zuständigen Spezialisten bei den Kunden verbinden die Kernbereiche der Fast Lane Dienstleistungen Training und Consulting.

## Fast Lane Services

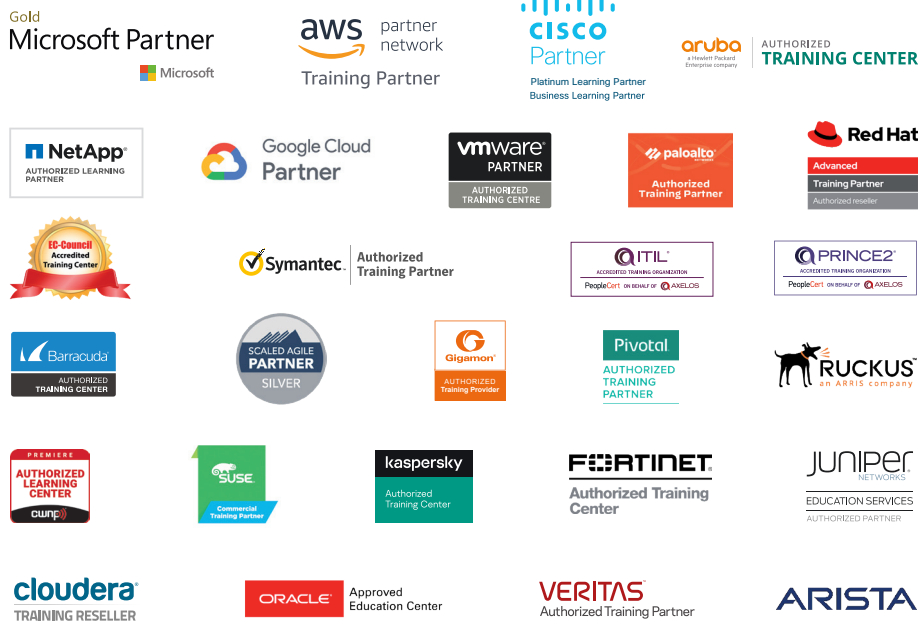
- ✓ Highend-Technologietraining
- ✓ Business- & Softskill-Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digitale Lernlösungen
- ✓ Content-Entwicklung
- ✓ Remote Labs
- ✓ Talentprogramme
- ✓ Eventmanagement-Services

## Trainingsmethoden

- ✓ Klassenraumtraining
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Klassenraum und ILO kombiniert
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobiles Lernen

## Technologien und Lösungen

- ✓ Digitale Transformation
- ✓ Artificial Intelligence (AI)
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



### Weltweit vertreten

mit High-End-Trainingszentren in 60 Ländern rund um den Globus



### Mehrfach ausgezeichnet

von Herstellern wie AWS, Microsoft, Cisco, Google, NetApp, VMware



### Praxiserfahrene Experten

mit insgesamt mehr als 19.000 Zertifizierungen

## Deutschland

Fast Lane Institute for Knowledge Transfer GmbH  
Tel. +49 40 25334610

info@flane.de / www.flane.de

## Österreich

ITLS GmbH  
(ITLS ist ein Partner von Fast Lane)  
Tel. +43 1 6000 8800

info@itls.at / www.itls.at

## Schweiz

Fast Lane Institute for Knowledge Transfer (Switzerland) AG  
Tel. +41 44 8325080

info@flane.ch / www.flane.ch