Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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VMware Cloud Foundation: Plan, Manage and Operate [V5.0]

CODE:	LÄNGE:	PREIS:
VMW_CFPMO5	40 Hours (5 Tage)	€3,440.00

Description

This five-day training course provides you with the knowledge, skills, and abilities to achieve competence with VMware Cloud Foundation 5.0. This course teaches you how deploy VMware Cloud Foundation, and perform the tasks required for the initial configuration and ongoing operation after deployment.

Lernziel

By the end of the course, you should be able to meet the following objectives:
• Plan a deployment for VMware Cloud Foundation
• Understand VMware Cloud Foundation and supporting architecture
• Configure VMware Cloud Foundation for VMware Cloud Connectivity
• Understand the VMware Cloud Foundation subscription licensing model
• Perform Day-Zero tasks
• Perform VMware Cloud Foundation platform onboarding
• Manage user credentials in VMware Cloud Foundation
• Configure NSX networking in VMware Cloud Foundation
• Deploy and manage Workload Domains
• Deploy vSphere with Tanzu on VMware Cloud Foundation
• Understand and implement storage solutions and related policies
• Perform maintenance tasks for the VMware Cloud Foundation platform
• Manage certificates for VMware Cloud Foundation and connected technologies
• Manage the lifecycle for VMware Cloud Foundation
• Engage with VMware Cloud Foundation Technical Suppor

Zielgruppe

System architects and system administrators

Voraussetzungen

The course material presumes that you have the following skills or experience:
• Operational capabilities with VMware vSphere processes and architecture
• Operational capabilities with VMware NSX
• Operational knowledge of vSAN

Inhalt

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• Introductions and course logistics
• Course objectives
2 VMware cloud foundation overview
• Describe the VMware Cloud Foundation solution
• Describe VMware Cloud Foundation architecture
• Identify VMware Cloud Foundation components
• Describe the VMware Cloud Foundation topology
3 VMware Cloud Foundation+ and VMware Cloud Connectivity
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• Identify the pre-requisites for VMware Cloud Foundation+

• Describe VMware Cloud Foundation+ value added features
• Configure subscription-based licensing parameters
• Describe the vCenter Cloud Gateway functionality
• Identify the vCenter Cloud Gateway components
• Describe the vCenter Cloud Gateway architecture
• Connect the vCenter Cloud Gateway to VMware Cloud
• Describe the VMware Cloud platform
• Describe the VMware vSphere+ services used in VMware Cloud Foundation+
• Demonstrate the capabilities of the VMware Cloud user interface for VMware Cloud Foundation+
4 Day Zero Tasks
• Identify the requirements for deploying VMware Cloud Foundation
• Describe the VMware Cloud Foundation bring-up process
• Identify the information required for the Planning and Preparation Workbook
• Complete the Deployment Parameter Workbook
• Describe how VMware Cloud Builder automates the deployment process
• Identify the configuration validation process performed by VMware Cloud Builder
• Describe the deployment of the management domain
5 Post-Deployment Operations
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• Understand VMware Cloud Foundation integration with VMware Single Sign-On
• Configure user access to VMware Cloud Foundation
• Describe the importance of user roles in vSphere
• Configure identity sources for VMware Cloud Foundation
• Perform the SDDC Manager backup and restore process
• Identify steps in the NSX backup and restore process
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• Recognize NSX operational planes
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• Describe logical switching
• Describe NSX Data Center deployment in VMware
Cloud Foundation
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• Describe data plane preparation for NSX Edge nodes in a workload domain
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7 Managing Workload Domains
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• List the types of workload domains
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• Identify use cases for multiple clusters in a workload domain
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• Commission hosts with SDDC Manager
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• Describe control plane VM management networking requirements
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• Describe prerequisites for vSphere with Tanzu cluster compatibility
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• Create a vSphere namespace
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• Explain the importance of external service availability
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• Describe available options in SDDC Manager for certificate authorities
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12 VMware Cloud Foundation Lifecycle Management
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• Understand the role of vSphere Lifecycle Management in VMware Cloud Foundation
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• Understand how and when to use cluster images
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• Describe the order of upgrade for VMware Cloud Foundation components13 VMware Cloud Foundation Troubleshooting
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• List VMware Cloud Foundation services
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• Use token IDs to troubleshoot failed workflows

Kurstermine

Auf Anfrage. Bitte kontaktieren Sie uns

Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.