VMware Cloud Foundation: Build, Manage, and Secure (VCFBMS)

ID VCFBMS   **Prix** CHF 3 650,– (Hors Taxe)   **Durée** 5 jours

A qui s'adresse cette formation

System Administrators, Solution Engineers, Consultants, Architects, and Support Personnel

Cette formation prépare à la/aux certifications

VMware Certified Professional – VMware Cloud Foundation Administrator (VCP-VCFA)
VMware Certified Professional – VMware vSphere Foundation Administrator (VCP-VVFA)

Pré-requis

This course has the following prerequisites:

- Implement Learning Path Stage-1 Training
- Working experience and knowledge of VMware vSphere®, VMware NSX®, and vSAN environments

Objectifs

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

- Define VCF and its key features
- Describe the use cases of VCF
- Explain the architecture of the VCF private cloud
- Recognize the components of the VCF private cloud
- Outline the sequence for deploying the VCF private cloud
- Describe the deployment configuration of VCF instance core components
- Explain the deployment configuration of VCF fleet management components
- Deploy VMware Cloud Foundation® Operations for networks, VMware Cloud Foundation® Operations for logs, and VMware Cloud Foundation® Identity Broker
- Describe the VCF licensing model
- Describe the single sign-on architecture in VCF
- Identify the steps to configure single sign-on in VCF
- Manage users and user groups in VCF
- Outline the steps to manage passwords in VCF
- Outline the steps to create a workload domain
- Configure VMware® vCenter® linked groups

- Import vCenter as a workload domain using VCF Operations
- Describe the process for configuring Fibre Channel storage
- Identify the components of an iSCSI storage system
- Outline the process of provisioning NFS storage to VMware® ESX hosts
- Identify and use built-in tools to validate a successful VMware® vSAN deployment
- Compare the various tools used to monitor a vSAN cluster
- Explain the types of vSAN reports available in VMware Cloud Foundation® Operations
- Explain Virtual Private Cloud concepts and constructs
- Differentiate between Centralized and Distributed Network Connectivity
- Identify the steps to configure virtual private cloud
- Manage certificates in VCF
- Explain the life cycle management of VCF components
- Identify the supported upgrade paths to VCF 9.0
- Define security, compliance and resilience in VCF
- Describe the integrated security features across all layers in VCF
- Discuss and perform VCF upgrade paths

Contenu

- Course Introduction
- VCF Private Cloud: Overview and Architecture
- VCF Private Cloud Deployment
- VCF Post-deployment Tasks
- VCF Fleet Management
- VCF Workload Domain
- VCF Networking
- VCF Storage Management
- VCF Certificate Management
- VCF Life Cycle Management
- VCF Security
- VCF Upgrade Paths

Centres de formation dans le monde entier

Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch