Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Migrating to VMware Cloud Foundation [V5.0]

CODE:	LENGTH:	PRICE:
VMW_MVCF5	24 Hours (3 days)	Request Price

Description

This three-day course is designed to provide VMware vSphere® administrators with the knowledge and hands-on experience to manage VMware Cloud Foundation™ in a hybrid cloud environment and utilize VMware HCX® for workload migration.

Objectives

By the end of the course, you should be able to meet the following objectives:
• Describe the components and architecture of VMware Cloud Foundation
• Describe the key features and capabilities of VMware HCX
• Explain the architecture of VMware HCX and its components
• Understand the migration types that VMware HCX supports, including VMware HCX® vMotion®, HCX Bulk migration, and HCX Replication Assisted vMotion
• Plan and execute migrations using VMware HCX migration plans
• Describe how VMware HCX addresses migration challenges through its network extension capabilities
• Define the concept of network extension within the context of VMware HCX

Audience

Experienced system administrators, system engineers, system integrators, migration engineers, migration architects

Prerequisites

This course requires completion of the following courses:
• VMware vSphere: Install, Configure, Manage [V8] or experience administering vSphere environments
• VMware Cloud Foundation: Deploy, Configure, Manage [V5.0] or experience administering VMware Cloud Foundationenvironments

Programme

Course Modules

1 Course Introduction
• Introductions and course logistics
• Course objectives

2 VMware Cloud Foundation Overview
• Describe the components and architecture of VMware Cloud Foundation
• Explain the benefits of VMware Cloud Foundation in a hybrid cloud environment
• Identify the features of VMware Cloud Console

3 Introduction to VMware HCX
• Describe the key features and capabilities of VMware HCX
• Explain the architecture of VMware HCX and its components
• Discuss the purpose of HCX Manager, HCX Interconnect, and HCX mobility components
• Install and configure HCX Manager
• Set up interconnects between a legacy vSphere environment and VMware Cloud Foundation
• Manage VMware HCX services and networks

4 Workload Migration with VMware HCX
• Describe the migration types that VMware HCX supports, including vSphere vMotion, HCX Bulk migration, and HCX Replication Assisted vMotion
• Perform live migration of workloads betweenlegacy vSphere and VMware Cloud Foundation environments using VMware HCX
• Plan and execute migrations using VMware HCX migration plans
• Explain how VMware HCX enables seamless connectivity between on-premises data centers and cloud environments
• Identify common challenges associated with establishing network connectivity in hybrid cloud scenarios
• Describe how VMware HCX addresses these challenges through its network extension capabilities
• Define the concept of network extension in the context of VMware HCX

Further Information

Product Alignment
• VMware Cloud Foundation 5.0
• VMware HCX 4.7

Session Dates

On request. Please contact us

Additional Information

This training is also available as onsite training. Please contact us to find out more.