



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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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 Foundation environments

## Programme

### 1 Course Introduction

- Introductions and course logistics

Course Modules • 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 between legacy 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.](#)