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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)	£2,110.00

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

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

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
10 Jun 2024	Virtual Classroom	BST	English	Instructor Led Online		£2,110.00
09 Sep 2024	Virtual Classroom	BST	English	Instructor Led Online		£2,110.00
02 Dec 2024	Virtual Classroom	GMT	English	Instructor Led Online		£2,110.00

Additional Information

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