Migrating to VMware Cloud Foundation [v5.0]

Category: Infrastructure & IT Operations | **Vendor:** VMware

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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

Product Alignment

- VMware Cloud Foundation 5.0
- VMware HCX 4.7

About This Course

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

Product Alignment

- VMware Cloud Foundation 5.0
- VMware HCX 4.7

Who Should Attend

- Experienced System Administrators
- System Engineers
- System Integrators
- Migration Engineers
- Migration Architects

Prerequisites & Entry Requirements

General Prerequisites:

This course requires the following knowledge/experience;

- Experience administering vSphere environment
- Experience administering VMware Cloud Foundation environment

This knowledge/experience can be acquired by completion of the following courses:

- VMware vSphere: Install, Configure, Manage [V8] (VSICM8)
- (!)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

Detailed Course Outline

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 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

Skills You Will Learn:

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

Frequently Asked Questions

Q: What delivery options are available for Migrating to VMware Cloud Foundation [v5.0]?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Migrating to VMware Cloud Foundation [v5.0] course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Migrating to VMware Cloud Foundation [v5.0] training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Migrating to VMware Cloud Foundation [v5.0]?

Yes, we provide corporate training, dedicated training, and closed classes for Migrating to VMware Cloud Foundation [v5.0]. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Migrating to VMware Cloud Foundation [v5.0], VMware VCF and VMware Cloud Director, MVCF5

Q: Why choose Nexus Human for Migrating to VMware Cloud Foundation [v5.0]?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Migrating to VMware Cloud Foundation [v5.0] training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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