Migrating to VMware Cloud Foundation

Kód kurzu: VMW_MVCF

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.

Pobočka	Dní	Katalógová cena	ITB
Praha	3	1 240 €	0
Bratislava	3	1 240 €	0

Všetky ceny sú uvedené bez DPH.

Termíny kurzu

Dátum	Dní	Cena kurzu	Typ výučby	Jazyk výučby	Lokalita

Všetky ceny sú uvedené bez DPH.

Pre koho je kurz určený

Experienced System Administrators, System Engineers, System Integrators, Migration Engineers, Migration Architects

Čo Vás naučíme

By the end of the course, you should be able to meet the following objectives:
- Describe the components and architecture of VMware Cloud Foundation
- Explain the benefits of VMware Cloud Foundation in a hybrid cloud environment
- Configure networking and security components to establish connectivity between on-premises and cloud environments
- Describe the key features and capabilities of VMware HCX
- Explain the architecture of VMware HCX and its components
- Set up interconnects between on-premises and cloud environments
- Understand the migration types that HCX supports, including VMware vSphere® vMotion®, bulk migration, and replication-assisted vMotion
- Plan and execute large-scale migrations using HCX migration plans
- Describe how HCX addresses migration challenges through its network extension capabilities
- Define the concept of network extension within the context of VMware HCX

Požadované vstupné znalosti

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

Študijné materiály

Studijní materiál VMware

Osnova kurzu

1 Course Introduction
- Introductions and course logistics
- Course objectives

2 Introduction to VMware Cloud Foundation and Hybrid Cloud

- 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 on-premises and cloud environments
- Manage HCX services, networks, and security policies

4 Workload Migration with VMware HCX

- Understand the migration types HCX supports, including vMotion, Bulk Migration, and Replication-Assisted vMotion
- Perform live migration of workloads between on-premises and cloud environments using HCX
- Plan and execute large-scale migrations using HCX migration plans
- Explain how 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 HCX addresses these challenges through its network extension capabilities
- Define the concept of network extension within the context of VMware HCX.