



Enterprise Computing Solutions - Education Services

## NABÍDKA ŠKOLENÍ

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**Prosím kontaktujte nás zde**

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Kód:	DÉLKA:	CENA:
VMW_VCDW9	32 Hours (4 DENNÍ)	Kč bez DPH 45,000.00

### Description

Školení je vedené virtuálně v angličtině.

Cena kurzu je 1 660 EUR a bude přepočtena aktuálním kurzem poslední den školení.

This four-day training course equips you with the knowledge, skills, and abilities to design a VMware vCloud Director® 9.x infrastructure. You will follow a proven approach to design a virtualization solution that ensures availability, manageability, performance, recoverability, and security, and that uses VMware best practices. A case study will guide you through the decision points and policy choices available for designing and implementing vCloud Director. You will learn to appreciate the effects of design choices in VMware vSphere® 6.x, vCloud Director, VMware vCloud® Availability for vCloud Director®, VMware NSX®, and VMware vRealize® Business™ for Cloud, as well as the integration with other VMware and third-party products. You will also learn about self-service provisioning, the effects of organizations, virtual data centers, catalog services, and on-demand NSX networks.

### Cíle

By the end of the course, you should be able to meet the following objectives:

- Assess the business and application requirements of the current environment
- Apply a framework to a design
- Analyze design choices and best-practice recommendations
- Create a design that ensures availability, manageability, performance, recoverability, and security
- Design a vCloud Director environment
- Design vCloud Director organizations and vApps to satisfy business needs
- Design vCloud Director catalogs
- Design networking for organizations and vApps with the help of NSX
- Discuss customer onboarding scenarios with vCloud Director

### Určeno pro

Cloud architects, systems engineers, data center administrators, and cloud administrators with experience in a service provider or managed services environment.

### Vstupní znalosti

Completion of the following course is required:

- VMware vCloud Director: Install, Configure, Manage or equivalent knowledge

Completion of the following courses is recommended:

- VMware NSX: Install, Configure, Manage
- VMware NSX: Design and Deploy
- VMware vSphere: Install, Configure, Manage
- VMware vSphere: Design Workshop

### Program

	2. Design Principles and Process
	Follow a proven process to design and deploy a cloud solution
	Define customer business objectives
	Gather and analyze business and application requirements
1. Course Introduction	Document design requirements, constraints, assumptions, and risks
Introductions and course logistics	Use a systematic method to evaluate and document design decisions
Course objectives	Explain the differences between conceptual, logical, and physical designs

### 3. Service Definition and Standardization

Describe the technical foundation of cloud computing

Explain the deployment models of cloud computing

Describe the essential characteristics of cloud computing

Describe the fundamental service characteristics of a VMware vCloud® solution

Explain IT service concepts

Describe a structured service development process

List the potential components of a service-level agreement

Describe a service catalog offered within a vCloud Director platform

### 4. vCloud Director Architecture and Components

Describe the vCloud Director architecture

Define sites and availability zones

Review the vCloud Director components and explain their functions

### 5. vCloud Director Virtual Data Center Design

Describe the design of a provider virtual data center and its relationship to the underlying vSphere infrastructure

Define organizations, organization virtual data centers, networks, storage, catalogs, and vApps

### 6. Cloud Management and Resource Components

Identify the management components in a vCloud Director environment

Describe the use of management cluster concepts

Design the vSphere, NSX, and necessary storage infrastructure

Define the resource cluster design and use cases

Link definitions to requirements

### 7. vCloud Director Integrations

Describe the integration with VMware vRealize® Orchestrator™, vRealize Business for Cloud, and VMware vRealize® Operations™

Design integrations with third-party products

### 8. vCloud Availability for vCloud Director

Describe the vCloud Availability for vCloud Director architecture

List the prerequisites of vCloud Availability for vCloud Director

Implement vCloud Availability for vCloud Director

### 9. Customer Onboarding

Describe tenant layer 2 VPN access

Describe tenant SSL VPN access

Import existing VMware vCenter Server® managed infrastructure into vCloud Director

## Termíny školení

Termíny školení na vyžádání, [kontaktujte nás prosím](#)

## Dodatečné informace

Školení je možné zajistit na míru. [Kontaktujte nás pro bližší informace.](#)