



Enterprise Computing Solutions - Education Services

## NABÍDKA ŠKOLENÍ

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**Prosím kontaktujte nás zde**

Arrow ECS, a.s., 28. října 3390/111a, 702 00 Ostrava

Email: [training.ecs.cz@arrow.com](mailto:training.ecs.cz@arrow.com)

Phone: +420 597 488 811



# CWS-322: Citrix Virtual Apps and Desktops 7 Advanced Configuration and WEM Administration

<b>Kód:</b>	<b>DÉLKA:</b>	<b>CENA:</b>
CTX_CWS-322	40 Hours (5 DENNÍ)	Kč bez DPH 59,000.00

## Description

Designed for experienced IT professionals, this course builds on the foundational implementation and management skills introducing scalability, redundancy, and security configurations. You will learn to build to implement Workspace Environment Management to improve logon times, centralize user settings management, and optimize the performance of machines. In the advanced troubleshooting section, you will learn techniques to investigate many of the common issues that can affect environment health and how to solve issues more effectively. You will leave this course with a good understanding of how to manage more complex solutions such as multi-location environments with configurations around StoreFront, the Delivery Controllers, Cloud Connectors, and HDX.

## Určeno pro

- How to implement advanced administration concepts such as backups, disaster recovery, scalability and redundancy for a Citrix Virtual Apps and Desktop 7 Site.
- Advanced troubleshooting techniques to troubleshoot Citrix Virtual Apps and Desktop 7.
- Security considerations and configurations for Citrix Apps and Desktop 7 site including multi-site management using zones.
- Install and initialize WEM and integrate into Citrix Virtual Apps and Desktops and Citrix DaaS.
- Configure WEM features to improve the end user environment and virtual resource consumption.
- Migrate an on-premises WEM deployment to WEM service

## Vstupní znalosti

Strong foundational knowledge of:  
Windows Server and Desktop operating systems.  
Active Directory, Policies, Profiles, Networking and Hypervisors

## Program

Module 1: Introduction to Citrix Virtual Apps and Desktops 7 Advanced Configuration	Module 2: Planning: Redundancy and Scalability
• Citrix Virtual Apps and Desktops Deployments - Advanced Configuration	• Citrix Virtual Apps and Desktops Redundancy and Scalability
	• StoreFront and Citrix Gateway Redundancy and Scalability
	• Site Infrastructure Redundancy and Scalability
	• Machines Running the Virtual Delivery Agent

### Module 3: Planning: Virtual Apps and Desktops Environment with Multiple Locations

- Zones
- VDA Registration in a Multi-Zone Environment
- Zone Preference
- Optimal Gateway Routing and Zones
- StoreFront Resource Aggregation
- Managing StoreFront Store Subscriptions in a Multi-Location Environment

### Module 6: Planning: App and Data Security

- Introduction to Application Security
- Preventing Jailbreak Attacks
- Minimizing the Impact of Attacks

### Module 9: Troubleshoot Access Issues

- Troubleshooting StoreFront
- Citrix ADC and Citrix Gateway – Workflow and Troubleshooting Overview
- Citrix ADC and Citrix Gateway - Troubleshooting Access and Authentication
- Citrix ADC and Citrix Gateway - Troubleshooting App/Desktop Launch

### Module 4: Planning: Backups and Disaster Recovery

- Backups
- Disaster Recovery Considerations
- Disaster Recovery Process

### Module 7: Planning: Virtual Delivery Agent Security

- Transport Layer Security (TLS) Virtual Delivery Agent (VDA) Encryption
- Microsoft Group Policy Objects (GPOs) and Citrix Policies
- Image Management

### Module 11: Troubleshoot Virtual Delivery Agent (VDA) Registration Issues

- Troubleshooting Virtual Delivery Agent (VDA) Registration

### Module 5: Planning: Advanced Authentication Methods

- Multi-factor Authentication - RADIUS and One Time Passwords (OTP)
- Multi-factor Authentication – Smart Card Authentication
- Federated Authentication

### Module 8: Introduction to Troubleshooting

- Troubleshooting Methodology
- Resource Tools and Utilities
- Introduction to PowerShell

### Module 12: Troubleshoot HDX Connection Issues

- On-Premises WEM: Leading Practice Installation Prerequisites and Steps
- On-Premises WEM: ADMX Template Configuration
- Choosing a Security Principal to run the WEM Infrastructure Service
- Creating the WEM Database
- Running the WEM Infrastructure Service Configuration Utility
- On-Premises WEM: Agent Installation

### Module 14: Planning – WEM Architecture and Component Communications

- WEM On-Premises Components and Deployments
- WEM Service Components and Deployments
- WEM Component Communication Workflows

### Module 13: Introduction to Workspace Environment Management (WEM)

### Module 16: Planning – WEM Service Deployment Installation

- WEM On-Premises vs WEM Service
- WEM Service: Leading Practice Installation Prerequisites and Steps
- WEM Service: ADMX Template Configuration
- WEM Service: Agent Installation
- WEM On-Premises Components and Deployments
- WEM Service Components and Deployments
- WEM Component Communication Workflows

### Module 17: Planning – WEM Consoles and Initial Setup

- On-Premises WEM and WEM Service Consoles
- WEM Initial Setup
- Migrating GPO settings to WEM

### Module 18: Planning – WEM System and Log On Optimization

- WEM Features and Benefits

### Module 19: Planning – WEM Security and Lockdown Features

- WEM Security Management Features
- Privilege Elevation and Process Hierarchy Control
- WEM Transformer

### Module 20: Planning - The WEM Agent

- WEM Settings Processing and WEM Agent Caches
- WEM Agent Integration with Citrix Virtual Apps and Desktops and Citrix DaaS

### Module 21: Planning – WEM Monitoring, Reporting, and Troubleshooting

- WEM Monitoring and Reporting
- WEM Agent Troubleshooting
- WEM Service Troubleshooting

### Module 22: Planning – Upgrading WEM and Migration to WEM Service

- Upgrading Workspace Environment Management
- WEM On-Premises Migration to WEM Service

### Module 23: Rolling Out a WEM Deployment

- WEM Agent User Options on Windows Desktops

### Module 24: Managing a WEM Deployment

- Measuring WEM Success

## Termíny školení

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

## **Dodatečné informace**

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.