

CWS-220: Citrix Workspace Environment Management Deployment and Administration



2-day ILT/vILT, and On-Demand



Includes labs



For administrators or engineers

Description

Designed for experienced IT professionals, you will discover why WEM is the go-to system optimization and logon optimization solution for a Citrix deployment's app and desktop workloads. You will learn how to plan, build, rollout, and manage on-premises WEM or WEM service and how to integrate it into Citrix Virtual Apps and Desktops or Citrix DaaS.

You will leave this course with a good understanding of how to manage additional solutions and features in your Citrix Virtual Apps and Desktop or Citrix DaaS site.

Product Versions Covered: Citrix Virtual Apps and Desktops 7 1912 LTSR, WEM 2109

Learning Objectives

- 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.

Prerequisite Knowledge

Strong foundational knowledge of Citrix Virtual Apps and Desktops 7 or Citrix DaaS

Recommended:

[CWS-215: Citrix Virtual Apps and Desktops 7 Deployment and Administration](#) OR [CWS-250: Citrix DaaS Deployment and Administration](#)

Recommended Next Training

[CWS-313: Citrix Virtual Apps and Desktops 7 Advanced Deployment, Troubleshooting, Security and Administration](#)

[CWS-316: Citrix Provisioning 7 Administration](#)

[CWS-415: Citrix Virtual Apps and Desktops 7 Assessment, Design, and Advanced Configuration](#)

Course Outline

Module 1: Introduction to Workspace Environment Management (WEM)

- WEM Features and Benefits

Module 2: Planning – WEM Architecture and Component Communications

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

Module 3: Planning - WEM On-Premises Deployment Installation

- 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 4: 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

Module 5: Planning – WEM Consoles and Initial Setup

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

Module 6: Planning – WEM System and Log On Optimization

- WEM System Optimization Overview
- WEM CPU Management
- WEM Memory Management
- Additional System Optimization Features
- WEM Log On Optimization Overview
- WEM Assigned Actions
- WEM Environmental Settings
- Citrix Profile Management In WEM

Module 7: Planning – WEM Security and Lockdown Features

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

Module 8: Planning - The WEM Agent

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

Module 9: Planning – WEM Monitoring, Reporting, and Troubleshooting

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

Module 10: Planning – Upgrading WEM and Migration to WEM Service

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

Module 11: Rolling Out a WEM Deployment

- WEM Agent User Options on Windows Desktops

Module 12: Managing a WEM Deployment

- Measuring WEM Success