Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Sie erreichen uns hier

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Citrix Platform Enterprise Deployment, Monitoring & Troubleshooting Combo

CODE:	LÄNGE:	PREIS:
CTX_CTX-314	40 Hours (5 Tage)	€2,990.00

Description

Darum lohnt sich der Kurs
Moderne Citrix-Plattformen erfordern nicht nur eine stabile Bereitstellung, sondern auch leistungsfähige Monitoring- und Troubleshooting-Konzepte. Dieses kombinierte Training vermittelt umfassendes Wissen zu Enterprise-Deployment, Hochverfügbarkeit, App Layering, Workspace Environment Management (WEM), Monitoring sowie Fehleranalyse. Sie erwerben die notwendigen Fähigkeiten, um komplexe Citrix-Infrastrukturen effizient zu betreiben, zu optimieren und auftretende Probleme systematisch zu diagnostizieren und zu beheben.

Dieses Training kombiniert die Inhalte der Enterprise-Deployment- und Monitoring-/Troubleshooting-Kurse für Citrix Virtual Apps and Desktops. Sie lernen skalierbare und hochverfügbare Citrix-Architekturen zu implementieren, Workspace Environment Management und App Layering produktiv einzusetzen sowie moderne Monitoring- und Analysewerkzeuge für den Betrieb komplexer Citrix-Umgebungen zu nutzen. Darüber hinaus behandeln Sie typische Fehlerbilder in den Bereichen Zugriff, Authentifizierung, Delivery Controller, VDA-Registrierung und HDX-Kommunikation.

Zielgruppe

Citrix Administrator*innen
Citrix Engineer*innen
Citrix Support Engineer*innen
Virtualisierungsspezialist*innen
IT-Fachkräfte mit Verantwortung für Betrieb und Support von Citrix-Plattformen

Voraussetzungen

Fundierte Kenntnisse von Windows Server- und Desktop-Betriebssystemen
Kenntnisse von Active Directory
Erfahrung mit Gruppenrichtlinien und Benutzerprofilen
Netzwerkgrundlagen
Kenntnisse von Hypervisor-Plattformen
Erfahrung mit der Citrix-Architektur
Erfahrung bei der Bereitstellung von Anwendungen und Desktops mit Citrix Virtual Apps and Desktops oder Citrix DaaS

Inhalt

Module 1: Intro to CVAD Advanced Configuration, Redundancy, and Scalability
- Citrix Virtual Apps and Desktops Redundancy and Scalability
- StoreFront and NetScaler Gateway
- Site Infrastructure Redundancy and Scalability
- Machines Running the Virtual Delivery Agent

Module 2: Manage CVAD 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 3: Backups and Disaster Recovery

- Backups
- Disaster Recovery Considerations
- Disaster Recovery Process

Module 4: Intro to WEM Architecture Components
- WEM Features and Benefits
- WEM On-Premises Components and Deployments
- WEM Service Components and Deployments
- WEM Component Communication Workflows
- WEM Service Component Communication Workflows

Module 5: WEM Deployment and Initial Installation
- On-premises WEM: Leading Practice Installation Prerequisites and Steps
- Creating the WEM Database
- Running the WEM Infrastructure Service Configuration Utility
- WEM On-Premises vs WEM Service
- WEM Service: Leading Practice Installation Prerequisites and Steps
- ADMX Template Configuration
- WEM Agent Installation
- WEM Consoles
- WEM Initial Setup

Module 6: 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: WEM Security and Lockdown Features
- WEM Security Management Features
- Privilege Elevation and Process Hierarchy Control
- WEM Transformer

Module 8: The WEM Agent
- WEM Settings Processing and WEM Agent Caches
- WEM Agent Integration with Citrix Virtual Apps and Desktops and Citrix DaaS

Module 9: WEM Monitoring, Reporting, and Troubleshooting
- WEM Monitoring and Reporting
- WEM On-Premises Troubleshooting
- WEM Service Troubleshooting
- WEM Agent Troubleshooting

Module 10: Upgrading WEM and Migration to WEM Service
- Upgrading Workspace Environment Management
- WEM On-Premises Migration to WEM Service

Module 11: Intro to App Layering and Architecture Overview
- Citrix App Layering Introduction
- Citrix App Layering Architecture

Module 12: OS, Platform, and App Layers
- The OS Later
- The Platform Layer
- The App Layers

Module 13: Elastic App and User Layers
- Elastic App Layers
- User Layers

Module 14: Layer Priority and Maintaining an App Layering Environment
- Layer Priority
- Updating Layers
- Maintaining and Updating the App Layering Environment
- Common Citrix App Layering Considerations and Additional Resources

Module 15: Citrix Tools for Monitoring, Troubleshooting, and Automation
- Introduction to Support a Citrix Virtual Apps and Desktops Site
- Tools for Monitoring and Troubleshooting
- Tools for Automation

Module 16: Monitoring CVAD with Citrix Director
- Citrix Director Introduction
- Monitor and Interact with Users Sessions
- Infrastructure Monitor
- Application and Desktop Probing
- Cost Optimization
- Citrix Director and NetScaler Gateway

Module 17: Activity Monitoring with Session Recording
- Session Watermark
- Session Recording

Module 18: Citrix Director and NetScaler Console Integration
- Introduction to NetScaler Console
- Insight Monitoring
- Integrate Citrix Director with NetScaler Console

Module 19: Install, Configure, and Manage Citrix uberAgent
- Introduction to Citrix uberAgent
- Splunk
- Architecture Overview
- Architecture Deep Dive
- Installing and Configuring uberAgent
- uberAgent - Endpoint Configuration
- Dashboards
- Alert and Reporting
- Logging and Troubleshooting

Module 20: Introduction to Troubleshooting
- Introduction to PowerShell
- Architecture and Communication

Module 21: Troubleshoot Access Issues
- Troubleshooting StoreFront
- Troubleshooting NetScaler Gateway
- Troubleshooting Access and Authentication
- Troubleshooting App/Desktop Launc

Module 22: Troubleshoot Delivery Controller Issues
- Validating FlexCast Management Architecture (FMA) Services

Module 23: Troubleshoot Virtual Delivery Agent (VDA) Registration Issues
- Troubleshooting VDA Registration

Module 24: Troubleshoot HDX Connections
- Troubleshooting HDX Connections
- Installing Scout EMS, ELIAS, and Scout Board

Kurstermine

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
21 Sep 2026	Wien	CEDT	German	Classroom		€2,990.00
21 Sep 2026	Wien	CEDT	German	Instructor Led Online		€2,990.00
14 Dec 2026	Wien	CET	German	Classroom		€2,990.00
14 Dec 2026	Wien	CET	German	Instructor Led Online		€2,990.00
22 Feb 2027	Wien	CET	German	Classroom		€2,990.00
22 Feb 2027	Wien	CET	German	Instructor Led Online		€2,990.00
10 May 2027	Wien	CEDT	German	Classroom		€2,990.00
10 May 2027	Wien	CEDT	German	Instructor Led Online		€2,990.00
27 Sep 2027	Wien	CEDT	German	Classroom		€2,990.00
27 Sep 2027	Wien	CEDT	German	Instructor Led Online		€2,990.00
22 Feb 2027	München		German	Classroom		€2,990.00
27 Sep 2027	München		German	Classroom		€2,990.00

Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.