Citrix Virtual Apps and Desktops 7 Advanced Deployment, Troubleshooting, Security and Administration

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 techniques to investigate many of the common issues that can affect environment health and how to solve issues more effectively in the advanced troubleshooting section.

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.

Classroom Registration Price (CHF)
2400
Virtual Classroom Registration Price (CHF)
2400
Course Content
Module 1: Implementing Redundancy and Scalability

- StoreFront and Citrix Gateway
- Site Infrastructure
- Machines Running the Virtual Delivery Agent

Module 2: Managing a Virtual Apps and Desktops Environment with Multiple Locations

- Zones
- VDA Registration in a Multi-Zone Environment
- Zone Preference
- Optimal Gateway Routing and Zones
- Managing StoreFront Store Subscriptions in a MultiLocation Environment
- StoreFront and Citrix ADC Branding

Module 3: Implementing Backups and Disaster Recovery

- Backups
- Disaster Recovery Considerations
- Disaster Recovery Process

Module 4: Implementing Advanced Authentication Methods

- Multi-factor Authentication
- RADIUS & OTP
- Multi-factor Authentication
- Smart Card Authentication
- Federated Authentication
- ADFS, SAML, and FAS

Module 5: Improving App and Data Security

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

Module 6: Securing Machines Running the Virtual Delivery Agent

- TLS to VDA Encryption
- GPOs and Citrix Policies
- Image Management

Module 7: Introduction to Troubleshooting

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

Module 8: Troubleshooting Access Issues

- Troubleshooting StoreFront
- Troubleshooting Citrix Gateway

Module 9: Troubleshooting Delivery

- Controller Issues
- Validating FMA Services

Module 10: Troubleshooting VDA

- Registration Issues
- Troubleshooting VDA Registration

Module 11: Troubleshooting HDX Connection Issues

- Troubleshooting HDX Connections

Documentation

- Digital courseware included

Participant profiles

- Experienced IT Professionals familiar with Citrix Virtual Apps and Desktops 7 in an on-premises environment or Citrix Cloud looking to expand their Citrix Virtual Apps and Desktops skills to an advanced level

Prerequisites

- Having followed the course or have the equivalent knowledge: CWS-215 - Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud

Objectives

- 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

Niveau
Avancé
Duration (in Days)
3
Reference
CIT-CWS-313