

Citrix Virtual Apps and Desktops 7 Advanced Deployment, Troubleshooting, Security and PVS Administration (CWS-317)

ID CWS-317 Preis 2.990,- € (exkl. MwSt.) Dauer 5 Tage

Kursüberblick

Designed for experienced IT professionals this course builds on the foundational implementation and management skills introducing scalability, redundancy, security configurations and Citrix Provisioning 7. You will learn troubleshooting techniques to investigate and solve many of the common issues that can affect environment health. 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, Citrix Provisioning leading practices, architecture, communication, and processes that make up Citrix Provisioning to be successful with deploying and managing a farm, integrate vDisks and target devices with Citrix Virtual Apps and Desktops for easy rollback, upgrades, and performance of Virtual Delivery Agent machines.

Zielgruppe

Entwickelt für erfahrene IT-Experten, die mit Citrix Virtual Apps und Desktops 7 in einer on-premises Umgebung oder mit der Citrix Cloud vertraut sind, um ihre Citrix Virtual Apps und Desktops-Fähigkeiten auf ein höheres Niveau zu erweitern. Potenzielle Studenten sind Administratoren oder Ingenieure, die für die Citrix Apps- und Desktop 7-Site verantwortlich sind.

Voraussetzungen

Fundierte Kenntnisse in Citrix Virtual Apps und Desktops 7. Citrix empfiehlt den Teilnehmern folgenden Kurs zur Vorbereitung: CWS-215: Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud.

Kursinhalt

Implementing Redundancy and Scalability

- StoreFront and Citrix Gateway

- Site Infrastructure
- Machines Running the Virtual Delivery Agent

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 Multi-Location Environment
- StoreFront and Citrix ADC Branding

Implementing Backups and Disaster Recovery

- Backups
- Disaster Recovery Considerations
- Disaster Recovery Process

Implementing Advanced Authentication Methods

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

Improving App and Data Security

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

Securing Machines Running the Virtual Delivery Agent

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

Introduction to Troubleshooting

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

Troubleshooting Access Issues

- Troubleshooting StoreFront
- Troubleshooting Citrix Gateway

Troubleshooting Delivery Controller Issues

- Validating FMA Services

Troubleshooting VDA Registration Issues

- Troubleshooting VDA Registration

Troubleshooting HDX Connection Issues

- Troubleshooting HDX Connections

Advanced Provisioning

- Learning Objectives
- Introduction to Citrix Provisioning (PVS)
- Getting Started with Citrix Provisioning
- Citrix Provisioning Architecture

Citrix Provisioning Infrastructure

- Lab VM Power Management
- Learning Objectives
- The Citrix Provisioning Server
- The Farm Database
- The Store

Streaming the vDisk

- Lab VM Power Management
- Learning Objectives
- vDisk Introduction
- Master Target Device Preparation
- Streaming Introduction
- Boot Methods

Target Devices

- Lab VM Power Management
- Learning Objectives
- Target Devices Introduction
- Reads and Writes
- Machine and User Data

Integrating Citrix Provisioning with Citrix Virtual Apps and Desktops

- Lab VM Power Management
- Learning Objectives
- The Complete Architecture Overview

- The Citrix Virtual Desktops Setup Wizard
- Manage the Target Devices through Creating Device Collections
- Using Provisioned Services with Citrix Virtual Apps and Desktops
- Managing Citrix Provisioning from Citrix Cloud

Advanced Architecture

- Lab VM Power Management
- Learning Objectives
- Farm Component Scalability
- Store Redundancy
- Farm Database Redundancy

Supporting Citrix Provisioning

- Lab VM Power Management
- Learning Objectives
- vDisk Updates
- Delegate Administration
- Audit and Support
- Alternative vDisk Update Methods

Über Fast Lane



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