Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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

CODE:	LENGTH:	PRICE:
CTX_CWS-317	40 Hours (5 days)	kr36,500.00

Description

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.

Objectives

- 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
- How to install and configure a Provisioning Services farm
- How to deploy Provisioning Services target devices for use with Citrix Virtual Apps and Desktops Delivery Agents
- How to manage a Provisioning Services farm, vDisks, and target devices
- Understand Provisioning Services redundancy and failover

Audience

Built for 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. Potential students include administrators or engineers responsible for the Citrix Apps and Desktop 7 Site.

Prerequisites

Strong foundational knowledge of Citrix Virtual Apps and Desktops 7. Citrix recommends students prepare for this course by taking the following course:
CWS-215 Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud.

Programme

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 Multi-Location 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 Module 12 Advanced Provisioning
Learning Objectives Introduction to Citrix Provisioning (PVS) Getting Started with Citrix Provisioning Citrix Provisioning Architecture
Module 13 Citrix Provisioning Infrastructure Lab VM Power Management Learning Objectives The Citrix Provisioning Server
The Farm Database The Store Module 14 Streaming the vDisk Lab VM Power Management Learning Objectives vDisk Introduction
Master Target Device Preparation Streaming Introduction Boot Methods Module 15 Target Devices Lab VM Power Management
Learning Objectives Target Deivces Introduction Reads and Writes Machine and User Data
Module 16 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 Module 17 Advanced Architecture Lab VM Power Management Learning Objectives
Farm Component Scalability Store Redundancy Farm Database Redundancy Module 18 Supporting Citrix Provisioning
Lab VM Power Management Learning Objectives vDisk Updates Delegate Administration Audit and Support
Alternative vDisk Update Methods

Test and Certification

CCP-V**Partial preparation for the CCP-V certification, for full preparation theCWS-315: Citrix Virtual Apps and Desktops 7 Advanced Deployment, Troubleshooting, Security and Administration or completing this course plus CWS-314 Citrix Virtual Apps and Desktops 7 Advanced Deployment App Layering and WEM Administration course is recommended.

Session Dates

På begäran, kontakta oss

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.