

Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Citrix Virtual Apps and Desktops 7 Advanced citrix **Administration**

CODE: I FNGTH: PRICE:

CTX CWS-315 40 Hours (5 days) £2.795.00

Description

Designed to learn how to set up scalability, redundancy and securityconfigurations. You will learn advance features to optimize management of your app and desktop images by building and combining App Layers and Workspace Environment Management, which can improve logon times, centralize user settings management, optimize the performance of machines running the Virtual Delivery Agent (VDA).

In the advanced troubleshooting section, you will learn techniques to investigate many of the common issues that can affect environment health. You'll leave this course with a good understanding of how to manage more complex solutions such as multizone environments spanning multiple locations with configurations around StoreFront, the Delivery Controllers, and HDX.

Objectives

- How to implement advanced administration concepts such as backups, disaster recovery, scalability and redundancy consideration for a Citrix Virtual Apps and Desktop 7 Site
- · How to configure Workspace Environment Management to improve the end user environment and virtual resource
- App Layering skills such as how to create and administer OS, platform, application, elastic and user layers

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

Scalability

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
- Machines Running the Virtual Delivery Agent StoreFront and Citrix ADC Branding

Site Infrastructure

Module 1: Implementing Redundancy and

StoreFront and Citrix Gateway

Module 3: Implementing Backups and Module 4: Implementing Advanced

Disaster Recovery

Authentication Methods

Backups

• Multi-factor Authentication - RADIUS & OTP

Disaster Recovery Considerations

• Multi-factor Authentication - Smart Card Authentication

Disaster Recovery Process

· Federated Authentication - ADFS, SAML, and FAS Module 6: Securing Machines Running the

Virtual Delivery Agent

Module 5: Improving App and Data Security • TLS to VDA Encryption

Introduction to Application Security

· GPOs and Citrix Policies Image Management

 Preventing Jailbreak Attacks Minimizing the Impact of Attacks

Troubleshooting techniques and tools

Module 7: Introduction to Troubleshooting

• Troubleshooting Methodology Process (Standard Slide) Module 8: Troubleshooting Access Issues

Resource Tools and Utilities

Troubleshooting StoreFront

· Introduction to PowerShell

· Troubleshooting Citrix Gateway

Module 9: Troubleshooting Delivery Module 10: Troubleshooting VDA Module 11: Troubleshooting HDX Controller Issues

Validating FMA Services

Registration Issues Connection Issues • Troubleshooting VDA Registration • Troubleshooting HDX Connections

Module 12: Introduction to App Layering

Citrix App Layering Considerations • App Layering Introduction and Configuration

Module 13: Creating an OS Layer The OS Layer

· Architecture and How it Works

Module 16: Creating Elastic App and

User Lavers

Module 14: Creating a Platform Layer Module 15: Creating App Layers • Elastic App Layering

The Platform Layer

The App Layers

User Layers

Module 17: Deploying a Layered Image using

Citrix Virtual Apps and Desktops

· Using Templates in App Layering

• Using Layered Images in a Citrix Virtual Apps and Module 18: Exploring Layer Priority

Desktops Site

Layer Priority

Module 19: Maintaining an App Layering

Environment

Updating Layers

• Maintaining and Updating the App Layering Environment

Workspace Environment Management (WEM)

· Common App Layering Considerations and Additional Resources considerations and configuration

Module 21: Using WEM to Centralize

Module 20: Introduction to Workspace

Environment Management (WEM)

Environment Management · Managing User Resources with WEM

• Workspace Environment Management (WEM) Introduction • Managing Profiles with WEM

WEM Administration

· Managing Endpoints with the WEM Transformer Feature

Module 24: Migrating and Upgrading WEM

Migrating to WEM

Upgrading a WEM Deployment

WEM Multi-Location Considerations

CWS-315 Course Description

Module 22: Using WEM for Performance Optimization

Module 23: Using WEM to Secure Citrix Virtual Apps and Desktops 7

• Optimizing Machine Performance with WEM Environments

Advanced Deployment, Troubleshooting,

Optimizing User Experience with WEM

Security and Administration

WEM Security Features

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.