

CXD-310 Citrix Virtual Apps and Desktops 7.1x Advanced Administration

Course Overview

This is a 5-day class

Get more value out of your Citrix Virtual Apps and Desktops 7.1x investment through the use of Workspace Environment Management, Provisioning Services, Application Layering, and advanced features. 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. You'll gain the skills to improve logon times, user personalization, and resource performance through Workspace Environment Management. Also, learn to optimize management of your app and desktop images by building and combining App Layers. End the course by learning to install, configure, and manage Provisioning Services in accordance with leading practices. Note: This course provides one free exam voucher upon completion of training.

Who Should Attend

Built for experienced IT Professionals working with Citrix Virtual Apps and Desktops 7.1x. Potential students include administrators, engineers, and architects responsible for the end user workspace, provisioning services environment, and overall health and performance of the solution.

Course Objectives

Students will learn: - How to configure Workspace Environment management to improve the end user environment and virtual resource consumption. - Understand Zones in Citrix Virtual Apps and Desktops 7.1x and how to account for user and desktop locations and optimal connection and registration. - How to build and manage App Layers to minimize image sprawl with Citrix Virtual Apps and Desktops 7.1x. - Understand and configure HDX channels and protocols for improved performance delivering multimedia and data over network connections.

Other Prerequisites

CXD-210 Citrix XenApp and XenDesktop Administration

Course Outline

1 Intermediate FlexCast Management Architecture (FMA)

FMA Services
SQL database connectivity and security
Multi-zone VDA registration
Zone preference



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2 Workspace Environment Management (WEM) (Extended Module)

Introduction to WEM Administration
Optimizing resource consumption on VDA hosts
Managing the end-user experience with WEM
Migrating existing settings and configurations to WEM

3 StoreFront Optimization and Routing

User experience optimizations
StoreFront branding
Optimal Gateway routing and Zones
Subscription Store

4 HDX and Multimedia

HDX in the network
Enlightened Data Protocol (EDT)
Multimedia delivery and redirection
Delivering Skype for Business with Citrix Virtual Apps and Desktops 7.1

5 App Layering (Full day module)

App Layering Introduction
Layering Architecture
Creating Layer
App Layering Maintenance

6 Supporting and Troubleshooting

Connections
Communications
Session Launches

7 Advanced Provisioning with Provisioning Services

Getting started with Provisioning Services
Provisioning Services Architecture

8 Provisioning Services Infrastructure

The PVS server role
The Farm database
The vDisk Store

9 Streaming the vDisk

Introduction to vDisk
Machine preparation
Streaming vDisks
Boot methods

10 Target Devices

Introduction to target devices
Data I/O
Handling persistent and non-persistent data

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11 Integrating Provisioning Services with Citrix Virtual Apps and Desktops 7.1x

- XenDesktop Setup Wizard
- Device Collections
- Published Apps and Desktops
- Using Provisioning Services with Citrix Virtual Apps and Desktops 7.1x

12 Provisioning Services Redundancy

- Farm component redundancy
- Store redundancy
- Database redundancy

13 Supporting Provisioning Services

- Performing updates
- Auditing and support
- Disk imaging
- Migrating vDisks images
- Troubleshooting