



## Citrix

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

\$5,000.00

- 5 Days

## Upcoming Dates

## Course Description

Get more value out of your XenApp and XenDesktop investment through the use of Workspace Environment Management, Provisioning Services, Application Layering, and advanced features. You will leave this course with a good understanding of how to manage more complex solutions such as multi-zone 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.

## Course Outline

### Module 1: Intermediate Site Architecture

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

### Module 2: Workspace Environment Management (WEM) (Extended Module)

- Introduction to WEM
- Administration
- Optimizing resource consumption on VDA hosts
- Managing the end-user experience with WEM
- Moving to WEM

### Module 3: StoreFront Optimization and Routing

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

### Module 4: HDX and Multimedia

- HDX in the network
- Enlightened Data Protocol (EDT)
- Multimedia delivery and redirection
- Delivering Skype for Business with XenApp and XenDesktop

## **Module 5: App Layering (Full day module)**

- App Layering Introduction
- Layering Architecture
- Creating Layers
- App Layering Maintenance

## **Module 6: Supporting and Troubleshooting**

- Connections
- Communications
- Session Launchs

## **Module 7: Advanced Provisioning with Provisioning Services**

- Getting started with Provisioning Services
- Provisioning Services Architecture

## **Module 8: Provisioning Services Infrastructure**

- The PVS server role
- The Farm database
- The vDisk Store

## **Module 9: Streaming the vDisk**

- Introduction to vDisks
- Machine preparation
- Streaming vDisks
- Boot methods

## **Module 10: Target Devices**

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

## **Module 11: Integrating Provisioning Services with XenApp and XenDesktop**

- XenDesktop Setup Wizard
- Device Collections
- Published Apps and Desktops
- Using Provisioning Services with XenApp and XenDesktop

## **Module 12: Provisioning Services Redundancy**

- Farm component redundancy
- Store redundancy
- Database redundancy

## **Module 13: Supporting Provisioning Services**

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

## Audience

This course is built for experienced IT Professionals working with XenApp and XenDesktop. Potential students include administrators, engineers, and architects responsible for the end user workspace, provisioning services environment, and overall health and performance of the solution.

## Prerequisites

Before taking this course, Citrix recommends that students have a strong foundational knowledge of XenApp and XenDesktop 7.1x. Citrix recommends students prepare for this course by taking the following course: CXD-210 Citrix XenApp and XenDesktop 7.1x Administration.

## What You Will Learn

Upon successful completion of this course, learners will learn:

- How to configure Workspace Environment Management to improve the end user environment and virtual resource consumption
- Understand Zones in XenApp and XenDesktop 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 XenApp and XenDesktop
- Understand and configure HDX channels and protocols for improved performance delivering multimedia and data over network connections
- Understand Provisioning Services architecture and install and configure Provisioning Services, vDisks, and Target Devices