

5 Days

## CXD-310: Citrix XenApp and XenDesktop 7.1x Advanced Administration

The CXD-310 course helps to gain a basic and good understanding to manage complex solutions like the multi-zone environments. The multi-zone environment spans multi locations and have configurations around the Storefront, HDX, and the Delivery Controllers.

Thus, the candidate is able to get acquainted with the skills to enhance logon times, resource performance, and user personalization through Workspace environment management. Further, one can learn to optimize app and desktop images through building and combining App Layers.

### Course Objective: It enables the participant to

- Configure workspace environment and enhance end user environment
- Understanding of XenApp and XenDesktop zones
- Configure and manage App layering
- Understand and configure HDX channels and protocols
- Understand provisioning services
- Install and configure vDisks, and target devices

## Course Details

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### Course Outline

#### 1. Intermediate FlexCast Management Architecture (FMA)

- FMA Services
- SQL database connectivity and security
- Zones in FMA

#### 2. Workspace Environment Management (WEM)

- Introduction to WEM
- Installation, configuration, and administration

#### 3. Virtual Desktop Agent (VDA)

- VDA registration and connection security
- Workspace Environment Management

#### 4. App Layering

- App Layering architecture
- Configuring, assigning, and managing app layers

#### 5. User Environment

- Optimizing session machines with WEM
- Zone Preference and User Profile Management

## **6. StoreFront Optimization and Routing**

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

## **7. HDX and Multimedia**

- Enlightened Data Protocol (EDT)
- HDX virtual channel architecture
- Multimedia delivery and redirection
- Skype for Business

## **8. Supporting and Troubleshooting**

- Tracing
- Troubleshooting tools

## **9. Advanced Provisioning with Provisioning Services**

- Getting started
- Provisioning Services Architecture

## **10. Services Infrastructure**

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

## **11. Streaming the vDisk**

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

## **12. Target Devices**

- Introduction
- Data I/O
- Handle persistent and non-persistent data

## **13. Integrating Provisioning Services**

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

## **14. Provisioning Services Redundancy**

- Farm component
- Store
- Database

## **15. Supporting Provisioning Services**

- Perform updates
- Audit and support
- vDisk imaging
- Migrating vDisk images
- Troubleshooting

## Who Should Attend

- Administrators
- Engineers
- Architects

## Pre Requisite

- Basic knowledge of XenApp and XenDesktop 7.1x
- Recommended Course:
  - CXD-210 Citrix XenApp and XenDesktop 7.1x Administration

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