

# **Citrix XenApp and XenDesktop 7.1x Administration (CXD-210)**

**Modality:** Virtual Classroom

**Duration:** 5 Days

## **About this course:**

This Citrix training provide fundamental knowledge of XenDesktop and XenApp needed to be effective with the platform. Therefore, this course caters people with minimal or no knowledge or experience on XenDesktop and XenApp. This course focuses on how to handle, control and setup an extremely accessible environment composing of XenDesktop and XenApp Citrix Receiver, Profile management, controllers, StoreFront and Director. Other details covered in this course are mentioned in the topic outline.

## **Course Objective:**

This Citrix training will enable the attendees to:

- Monitor the view environment patterns and remove the end user session issues using Citrix Director.
- Handle end-user session practice by knowing how to operate the Citrix regulations.
- For the end users' information prepare Citrix profile management.
- Operate and setup an extremely accessible Citrix StoreFront site.
- Use Machine Creation Services (MCS) on Windows Server 2016 and Window 10 for delivering and deploying desktops and apps to end users.
- XenDesktop and XenApp features description and structure.
- Efficient XenDesktop and XenApp placement.
- Learn about and how to operate printing in a XenDesktop and XenApp surroundings.
- Learn the working of fundamental protection operations of XenDesktop and XenApp.
- For end user access, setup and operate Citrix Receiver.
- Setup and operate an extremely accessible XenDesktop and XenApp site.
- Like image management solution, know the advantages and variance of provisioning services.

## **Audience:**

The people willing to acquire knowledge and skill to control, setup and handle XenDesktop and XenApp, which consist of:

- Architectures,
- Administrators,
- Engineers/ Implementers.

## **Prerequisite:**

The students must have basic knowledge and experience on how to operate and handle Windows 10 and Windows Server 2016. The student must also have completed the CXA-105 XenApp and XenDesktop Foundations course.

## **Course Outline:**

### **Module 1: Architectural Overview**

- Architecture
- FlexCast models (use cases)
- Connection flow process
- Layered approach methodology
- Hosting platform considerations

### **Module 2: Initial Requirements and Lab**

- Citrix consulting methodology
- Supporting infrastructure requirements
- Supporting infrastructure licensing considerations
- Preparing for Windows 10 and Server 2016 with AppDNA
- Lab environment

### **Module 3: Installing and Configuring a XenApp and XenDesktop Site**

- Licensing considerations
- Installation and management
- Basic license server troubleshooting
- Delivery Controller role
- The XenApp and XenDesktop Site
- Databases and the Local Host Cache (LHC)

### **Module 4: Provision and Deliver Application and Desktop Resources**

- The Virtual Delivery Agent
- Machine Catalogs and Delivery Groups
- Provisioning methods and considerations
- Provisioning methods: Machine Creation Services (MCS) in depth
- MCS environment considerations
- Creating resources

### **Module 5: Providing Access with Citrix StoreFront and Receiver**

- StoreFront installation and architecture
- StoreFront authentication services
- Self Service Password Reset
- Citrix Receiver
- Receiver configurations

## **Module 6: Understanding and Configuring Citrix Policies**

- Policies introduction
- Policies for session management

## **Module 7: Application Presentation and Management**

- Application properties
- File-type association
- Workspace Control
- Shortcut placement
- Session Prelaunch and Session Lingering
- Application groups

## **Module 8: Printing with XenApp and XenDesktop**

- Printing introduction
- Print job routing
- Printer driver management
- Citrix Universal Print Driver and Server

## **Module 9: Citrix Profile Management**

- User profiles
- Configuring Citrix Profile management

## **Module 10: Managing the XenApp and XenDesktop Site**

- Delegated administration
- Logging and reporting
- Introduction to Zones
- Introduction to PowerShell
- Reboot schedules for the Server VDA

## **Module 11: XenApp and XenDesktop Site Redundancy**

- Component failure review
- Methods of redundancy
- Configuring site and access infrastructure redundancy

## **Module 12: XenApp and XenDesktop Site Basic Network Security**

- Citrix administrator introduction to security considerations
- Certificate authority
- XML service security
- External HDX connection security with NetScaler Gateway

## **Module 13: Monitoring the XenApp and XenDesktop Site**

- Introduction to Citrix Director
- Navigating Director
- Trends and reports
- Alerts and notifications
- Monitoring sessions
- Interacting with sessions
- Network monitoring with HDX Insight

## **Module 14: Introduction to Supporting and Troubleshooting XenApp and XenDesktop**

- Introduction to supporting XenApp and XenDesktop Site
- Known issue awareness
- XenApp and XenDesktop Hotfixes and the Long Term Service Release
- Common Troubleshooting Tools