

# **Citrix XenApp and XenDesktop 7.1x Optimization and Troubleshooting (CXD-303)**

**Modality: Virtual Classroom**

**Duration: 3 Days**

## **About this course:**

This Citrix training will help you gain a lot information and skills including, knowing how to handle more difficult problems involving multi-layer environments spanning various locations with enhancement around HDX, StoreFront and the Delivery Controllers. It will also help enhance handling of your application and desktop images by amalgamating and creating App layers along enhancing your practice of logon times, resource performance and user personalization by Workspace Environment Management. Explore the maximum potential of your XenDesktop and XenApp with Citrix training by learning the utilization of App layering, troubleshooting tools, Workspace Environment Management and advanced functions.

## **Course Objective:**

This course will enable attendees to:

- Use XenApp and XenDesktop to handle and enhance the application layering.
- Know tools and user connection flows to troubleshoot end user problems efficiently.
- Adjust workspace environment management to enhance the virtual resource consumption and end user environment.
- Learn about and skills to practice HDX limitations and channels for enhanced performance transmitting data and multimedia over network connections.
- Learn and practice zones in XenDesktop and XenApp and ways to report for registration, desktop location, report for user and optimal connection.

## **Audience:**

- Experienced IT professional who work with XenDesktop and XenApp.
- All the professional who take care of the last consumer and the complete health and performance of the solution, which include:
  - Engineers,
  - Architects,

- Administrators.

## Prerequisite:

The attendees must have the basic knowledge on XenDesktop 7.1x and XenApp. Apart from this, the students must have completed the following course:

- CXD-210 Citrix XenApp and XenDesktop 7.1x Administration

## Course Outline:

### Module 1: Intermediate FlexCast Management Architecture (FMA)

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

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

- Introduction to WEM
- Installation and configuration
- Administration
- (Additional WEM topics covered later in the course)

### Module 3: The Virtual Desktop Agent (VDA)

- VDA registration in a multi zone environment
- VDA connection security
- Workspace Environment Management VDA agent

### Module 4: App Layering

- App Layering architecture
- Configuring and assigning app layers
- Managing app layers

### Module 5: User Environment

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

### Module 6: StoreFront Optimization and Routing

- User experience optimizations
- Optimal Gateway routing and Zones

- Subscription Store

## **Module 7: HDX and Multimedia**

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

## **Module 8: Supporting and Troubleshooting**

- Citrix Cloud Migration Options and Considerations
- Migrating Policies and Settings
- Migrating Machine Catalogs and Delivery Groups
- Considerations for Migrating to a Public Cloud