

CXA202-11 Implementing Citrix XenApp 5.1 for Windows Server 2008 Skills Update

Vendor Course Code: CXA-202-11

Course Length: 3 days

Overview:

This course provides the foundation necessary to effectively deploy and administer Citrix XenApp 5.0 and its components, including Web Interface, application streaming and Secure Gateway. Learners will receive hands-on training for installing XenApp and plug-ins and for using the various administrative consoles to configure policies, individual server and server farm settings, isolation environments, streaming applications and much more.

The key difference between CXA-201-11 and CXA-202-11 is the completeness of the course. If a student has no experience using any version of XenApp, CXA-201-11 is the appropriate choice. If a student has experience using Citrix Presentation Server 4.0, CXA-202-11 is the appropriate choice.

This course includes the Citrix exam. Within 6 months of completing this course, please contact DDLS and we will book your exam at our VUE testing centre.

Skills Gained:

Upon completion of this course, learners are able to:

- Identify the new features since Presentation Server 4.0
- Install XenApp 5.0 in a Windows Server 2008 environment
- Install and configure Client for Windows
- Configure and manage connection and printing policies for XenApp
- Configure ICA connection and session settings
- Identify the different administrative privilege levels
- Create a configuration logging database
- Configure application streaming for XenApp
- Install and configure Web Interface
- Identify the additional components included in the XenApp Platinum edition

Key Topics:

Citrix XenApp Changes

- Citrix Presentation Server 4.5
- Citrix Presentation Server 4.5 with Feature Pack 1
- Citrix XenApp 5.0
- Components of XenApp 5.0
- Management Consoles in XenApp 5.0
 - License Management Console
 - Access Management Console
 - XenApp Advanced Configuration

XenApp Setup

- XenApp Setup Overview
- XenApp Installation Overview
- XenApp Installation Decisions
- Installing XenApp
- XenApp Plugins Installation Overview
- XenApp Plugins for Windows
- XenApp Plugins Installation
- Custom Installation Package
- Creating a Custom Installation Package
- Session Reliability
- Web Interface Overview
- Web Interface Installation
- Site Creation

- Creating XenApp Web Sites
- XenApp Services Sites
 - Configuring Web Interface
 - Site Appearance
 - Configuring the Site Appearance
 - Configuring Session Preferences
- Web Interface Plugins
 - Configuring Plugin Deployment
 - Configuring Client for Java Settings
- Web Interface Site Removal
 - Uninstalling a Web Interface Site
- Delivering Applications Overview
- Resource Publishing
 - Publishing Resources
 - Organising Published Resources for Users
- Advanced Published Resource Settings
 - Configuring Advanced Access Control Properties
 - Configuring Client-to-Server Content Redirection
 - Configuring Server-to-Client Content Redirection
 - Implementing Resource Limits and Client Options
 - Configuring Resource Appearance

Streaming Applications

- Application Streaming Components Overview
- Application Streaming Communications
- XenApp Plugin for Streamed Applications
 - Installing the XenApp Plugin for Streamed Apps
- Streaming Profiler
 - Installing the Streaming Profiler
- Profile Configuration
 - Setting Profiler Preferences
 - Configuring Profiles
 - Configuring Inter-isolation Communication
 - Viewing and Changing Profile Properties
 - Changing Target Properties
 - Adding a Target to a Profile
 - Deleting a Target from a Profile
 - Upgrading an Application in a Target
 - Deleting an Obsolete Version of a Target
- Streaming Application Configuration
 - Publishing a Streamed Application
 - Changing the Application Type
 - Specifying an Alternate Profile for a Published Application
 - Enabling the Least-Privileged User Account
 - Configuring Sites for Streaming Applications
- Offline Access Management
 - Providing Offline Access
 - Customising the Offline License Setting
 - Caching Applications for Offline Access

XenApp Configuration

- XenApp Configuration Overview
- Configuration Logging
 - Creating the Configuration Logging Database
 - Configuring Configuration Logging
- Load Management Overview

- Load Balancing Process
- Preferential Load Balancing
- Load Calculation
- Load Evaluator Configuration
- Creating Custom Load Evaluators
- Load Monitoring
- Common Load Management Configuration Missteps
- Policy Overview
 - Policies in XenApp
 - Using the Streamed Application Policy
 - Creating Policies in XenApp
 - Applying Policies Using Filters
 - Prioritising Policies
 - Using the Policy Search Engine

- Common Policy Configuration Missteps
- Printing Overview
- Citrix Printing Architecture and Communication
- Print Drivers
- Client Printer Policies
 - Creating Auto-Retained Printers
 - Creating Permanent Client Printers
 - Creating Auto-Restored Client Printers

- Network Printers
- Print Driver Management
- Replicating Print Drivers
- Common Printing Configuration Missteps
- Display and SpeedScreen Overview
- Session Performance Configuration
 - Configuring Display Settings
 - Configuring SpeedScreen Browser Acceleration
 - Configuring SpeedScreen Multimedia Acceleration
 - Configuring SpeedScreen Flash Acceleration
 - Configuring SpeedScreen Latency Reduction
 - Configuring SpeedScreen Image Acceleration

- Securing XenApp Overview
- ICA Encryption
- Citrix SSL Relay
 - Configuring SSL Relay

- Access Gateway
- Citrix Secure Gateway
 - Using Digital Certificates

- Web Interface Configuration for Access Gateway and Secure Gateway
 - Configuring the Access Method

- Secure Gateway Monitoring
- Common Security Configuration Missteps

Installing Applications, Service Packs and Hotfixes

- Installing Applications, Service Packs and Hotfixes Overview
- Application Installation
- Installation Manager for XenApp
 - Installing Installation Manager
 - Using Installation Manager

- Task Management
 - Installing Service Packs and Hotfixes

- Shadow Key

Platinum Edition Additional Components

- Platinum Edition Additional Components Overview
- Application Performance Monitoring Overview
- EdgeSight Architecture
- SmartAccess Overview
 - Deploying Access Gateway with XenApp

- SmartAuditor Overview
- SmartAuditor Architecture
- Single Sign-on Overview
- Password Manager Architecture
- EasyCall Overview
 - EasyCall Architecture

- WAN Optimisation Overview
- WANScaler Architecture

Target Audience:

This course is intended for IT professionals, such as server, network, systems and help desk administrators with experience administering Microsoft® Windows® environments containing Citrix Presentation Server 4. Systems engineers, analysts, consultants, and architects with Citrix Presentation Server 4 experience are also appropriate candidates for this course.

Prerequisites:

Before taking this course, Citrix recommends that learners have experience using Windows Server 2008, including an understanding of Active Directory, policies and profiles and knowledge regarding administering users, home directories, user profiles and security. Learners should also have previous experience administering Citrix XenApp (Presentation Server 4.0 or higher), or completed the following courses:

- CTX-1256AI Citrix Presentation Server 4.0: Administration or CTX-1259AI Citrix XenApp (Presentation Server 4.5): Administration