

## **CTX-4100BI Citrix Presentation Server 4.5 and XenApp 5.0 for Windows Server 2003: Skills Update**

Designed for experienced XenApp users, this course provides the foundation necessary to effectively deploy and administer Citrix Presentation Server 4.5 and XenApp 5.0 for Windows Server 2003 and its components, including Load Manager, Installation Manager, Web Interface, Application Streaming and Secure Gateway.

Learners will receive hands-on training on installing and using the various administrative consoles to configure published resources, policies, individual server and server farm settings, load evaluators, isolation environments, printers, streaming applications and much more.

### **Audience**

This course is intended for IT professionals who are familiar with Microsoft® Windows® environments and possess hands-on technical experience with Presentation Server 4.0, XP or 3.0.

### **Preparatory Recommendations**

It is recommended that learners have hands-on experience with Citrix XenApp and have completed the following course:

- CTX-1256AI/BI Citrix Presentation Server 4.0 : Administration

### **Key Skills**

Upon successful completion of this course, learners will be able to:

- Upgrade a Presentation Server 4.5 environment to XenApp 5.0 for Windows Server 2003
- Upgrade and configure the Streaming Profiler
- Upgrade and configure the Presentation Server Client to XenApp Plugin for Hosted Apps
- Upgrade and configure the Streaming Client to XenApp Plugin for Streamed Apps
- Configure the Client Detection Wizard in Web Interface

### **Instructional Method**

This instructor-led course provides classroom lecture and practical application through demonstrations, practices, and hands-on exercises.

### **Course Length**

3-day instructor-led training

### **Certification Preparation**

Citrix instructor-led training course CTX-4100BI prepares candidates for exam 1Y0-259 Citrix Presentation Server 4.5 and XenApp 5.0: Administration. Exam 1Y0-259 is the exam required for certification as a Citrix Certified Administrator for XenApp 5 on Windows Server 2003.

### **Registration**

Please go to [www.CitrixEducation.com](http://www.CitrixEducation.com) to locate a Citrix Authorized Learning Center (CALC) offering CTX-4100BI.

## Citrix XenApp 5.0 Course Comparison

When selecting XenApp 5.0 training, a primary consideration is Windows Server platform. User experience level is also an important factor. Refer to the tables below to determine the key differences in Citrix XenApp 5.0 training and find the course that is right for you.

XenApp 5.0 for Windows Server 2003	Course Scope	Learner Profile
CTX-1259BI: Citrix Presentation Server 4.5 and XenApp 5.0 for Windows Server 2003: Administration	Comprehensive course	No previous XenApp experience
CTX-4100BI: Citrix Presentation Server 4.5 and XenApp 5.0 for Windows Server 2003: Skills Update	Skills Update	Hands-on technical experience with Presentation Server 4.0 or higher

XenApp 5.0 for Windows Server 2008	Course Scope	Learner Profile
CXA-201-1I: Implementing Citrix XenApp 5.0 for Windows Server 2008	Comprehensive course	No previous XenApp experience
CXA-202-1I: Implementing Citrix XenApp 5.0 for Windows Server 2008 Skills Update	Skills Update	Hands-on technical experience with Presentation Server 4.0 or higher

### Topic Outline

- Provided is the topic outline for CTX-4100BI.
  - Installing Citrix XenApp
  - Citrix Presentation Ser Overview
  - Identifying Components of XenApp
  - Introducing New Features
  - Identifying Management Consoles in XenApp
  - Installation of XenApp
  - Making Installation Decisions

- Installing and Configuring Citrix XenApp Clients
  - Citrix XenApp Client for Windows
  - Identifying New Features in the Client for Windows
  - Client Connection Security
  - Configuring Remote Configuration
  - Installation of the Client for Windows
  - Understanding the Installation Requirements
  - Creating Custom Packages Using the Client Packager
- Configuring Policies in XenApp
  - Policies in XenApp
  - Identifying Policy Rules
  - Creating Policies in XenApp
  - Applying Policies Using Filters
  - Prioritizing Policies
  - Using the Policy Search Engine
  - Printing Configuration Using Policies
  - Configuring Client Printers
  - Assigning Network Printers to Users
  - Implementing the Universal Driver
  - ICA Encryption Using a Policy
- Configuring Sessions in XenApp
  - Session Connection Settings
  - Configuring Virtual IP Addresses
  - Configuring the Citrix XML Service
  - Session Reconnection Configuration
  - Configuring Keep-Alive Settings
  - Configuring Session Reliability
  - Configuring Auto Client Reconnect
  - Session Performance Configuration
  - Configuring Display Settings
  - Configuring SpeedScreen Browser Acceleration
  - Configuring SpeedScreen Multimedia Acceleration
  - Configuring SpeedScreen Flash Acceleration
  - Configuring SpeedScreen Image Acceleration
- Configuring XenApp
  - Citrix Administrator Accounts and Permissions
  - Adding Administrator Accounts
  - Configuring Administrator Permissions
  - Configuring Folder Permissions
  - Configuration Logging
  - Creating the Configuration Logging Database
  - Configuring Configuration Logging
  - License Servers
  - Performance Settings
  - Optimizing CPU Utilization
  - Implementing Virtual Memory Management
  - Configuring Health Monitoring and Recovery
  - Configuring Remote Console Connections
- Deploying Applications with XenApp
  - Isolation Environments
  - Creating an Isolation Environment
  - Configuring Isolation Environment Settings
  - Associating an Application with an Isolation Environment
- Enabling Web Access to Published Resources
  - Web Interface Communications Overview
  - Web Interface Installation and Configuration
  - Configuring Web Interface
  - Creating Web Interface Sites
  - Specifying the Initial Configuration

- Site Appearance Configuration
- Authentication Configuration
- Configuring Explicit Authentication
- Configuring Pass-Through Authentication
- Configuring Smart Card Authentication
- Workspace Control Configuration
- Configuring Workspace Control
- Server Configuration
- DMZ Settings Configuration
- Client-Side Proxy Setting Configuration
- Session Preferences Configuration
- Client Deployment Configuration
- Configuring Client Deployment
- Configuring Client for Web Settings
- Configuring Client for Java Settings
- Managing Client Deployment Settings
- Program Neighborhood Agent Services Site Configuration
- Streaming Applications
  - Application Streaming Components Overview
  - Application Streaming Communications
  - Citrix Streaming Client
  - Installing the Streaming Client
  - Citrix Streaming Profiler
  - Installing the Citrix Streaming Profiler
  - Setting Profiler Preferences
  - Profile Configuration
  - Configuring Profiles
  - Viewing and Changing Profile Properties
  - Changing Target Properties
  - Adding a Target to a Profile
  - Streaming Application Configuration
  - Publishing a Streaming Application
  - Changing the Application Type
  - Specifying an Alternate Profile for a Published Application
  - Enabling the Least-Privileged User Account
  - Using a Policy for Application Delivery
  - Configuring Sites for Streaming Applications
  - Offline Access Management
  - Providing Offline Access
  - Customizing the Offline License Setting
  - Caching Applications for Offline Access
  - Lab Setup
- Securing Access to Published Resources
  - ICA Encryption
  - Configuring ICA Encryption Through a Published Application
  - Citrix SSL Relay
  - Configuring Citrix SSL Relay
  - Secure Gateway
  - Using Digital Certificates
  - Installing the Secure Gateway
  - Web Interface Configuration for the Secure Gateway
  - Configuring the Access Method
  - Configuring Secure Gateway Settings
  - Secure Gateway Monitoring
- Citrix XenApp Updates
  - Citrix XenApp 5.0 for Windows Server 2003
  - Upgrading to XenApp for Windows Server 2003
  - Upgrading Streaming Profiler
- Plugins

- XenApp Plugin for Hosted Apps Features
  - XenApp Web Plugin Features
  - XenApp Plugin Features
  - XenApp Plugin for Streamed Apps Features
  - Upgrading XenApp Plugins
  - Upgrading to XenApp Plugin for Streamed Apps
- Web Interface
  - Web Interface 5.0 Features
  - Client Detection Wizard
  - Configuring the Client Detection Wizard
- Platinum Edition Additional Components
  - Application Performance Monitoring
  - EdgeSight Architecture
  - SmartAccess
  - Access Gateway with XenApp
  - SmartAuditor Overview
  - SmartAuditor Architecture
  - Single Sign-On
  - Password Manager Architecture
  - EasyCall
  - EasyCall Architecture
  - Platinum Licensing