

## **CTX-1259BI Citrix Presentation Server 4.5 and XenApp 5.0 for Windows Server 2003: Administration**

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, such as server, network, systems and help desk administrators familiar with Microsoft® Windows® environments. Systems engineers, analysts, consultants, and architects are also appropriate candidates for this course.

### **Preparatory Recommendations**

It is recommended that learners have experience administering Microsoft Windows Server™ 2003 environments.

### **Key Skills**

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

- Install XenApp in a Windows Server 2003 environment
- Install and configure Clients
- Publish applications, resources and content
- Configure and manage policies
- Configure ICA connection and session settings
- Configure and manage server and server farm settings
- Configure load evaluators and monitor load using Load Manager
- Deploy applications using Installation Manager
- Deploy applications into an isolation environment
- Configure and manage network and session printing
- Install and configure Web Interface
- Configure streaming profiles, install the Streaming Client and configure XenApp to stream applications
- Secure access to published resources through ICA encryption, Citrix SSL Relay and Secure Gateway
- 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

5-day instructor-led training

## Certification Preparation

Citrix instructor-led training course CTX-1259BI prepares candidates for exam 1Y0-259 Citrix Presentation Server 4.5 and XenApp 5.0: Administration. Exam 1Y0-259 is 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-1259BI.

## Citrix XenApp 5.0 Course Comparison

When selecting XenApp 5.0 training, a primary consideration is Window 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-201-11: Implementing Citrix XenApp 5.0 for Windows Server 2008	Comprehensive course	No previous XenApp experience
CXA-202-11: 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-1259BI.

- Installing Citrix XenApp
  - Citrix XenApp Overview
  - Identifying Components of Citrix XenApp
  - Introducing New Features and Feature Enhancements
  - Identifying Management Consoles in Presentation Server

- Installation of Citrix XenApp
  - Making Installation Decisions
- Installing and Configuring Citrix XenApp Clients
  - Citrix XenApp Client for Windows
  - Identifying New Features in the Client for Windows
  - Using the Client for Web
  - Using the Program Neighborhood Agent
  - Using the Program Neighborhood
  - Client Connection Security
  - Configuring Remote Configuration
  - Installation of the Client for Windows
  - Understanding the Installation Requirements
  - Creating Custom Packages Using the Client Package
  - Installing the Clients Manually
  - Deploying Clients Using Active Directory
- Publishing Resources
  - Publishing Resources
  - Organizing Published Resources for Users
  - Advanced Settings for Published Resource
  - Configuring Advanced Access Control Properties
  - Configuring Server-to-Client Content Redirection
  - Implementing Resource Limits and Client Options
  - Configuring Resource Appearance
  - Published Resource Management
  - Viewing Published Resource Usage
  - Modifying Published Resource Properties
  - Disabling or Hiding a Published Resource
- Configuring Policies in Citrix XenApp
  - Policies in Citrix XenApp
  - Identifying Policy Rules
  - Creating Policies in Citrix XenApp
  - Applying Policies Using Filter
  - Prioritizing Policies
  - Using the Policy Search Engine
- Configuring Sessions in Citrix XenApp
  - Session Connection Settings
  - Configuring Virtual IP Addresses
  - Configuring Broadcast Setting
  - Configuring the Citrix XML Service
  - Configuring Time Zone Settings
  - Configuring Novell Directory Services
  - Session Reconnection Configuration
  - Configuring Keep-Alive Setting
  - 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 Latency Reduction
  - Configuring SpeedScreen Image Acceleration
- Configuring Citrix 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
- Data Collectors and License Servers
- Configuring Data Collectors
- Specifying the License Server
- Performance Settings
- Optimizing CPU Utilization
- Implementing Virtual Memory Management
- Administration Settings
- Configuring Health Monitoring and Recovery
- Configuring Remote Console Connections
- Configuring ICA Connection Limits
- Configuring Shadow Settings
- Configuring Load Management
  - Load Management Process
  - Load Calculation
  - Load Evaluator Configuration
  - Creating Custom Load Evaluators
  - Assigning Load Evaluators to Servers and Applications
  - Load Monitoring
  - Monitoring Load Evaluator Usage
  - Monitoring Load Evaluator Rule Activity
  - Logging Load Manager Activity
- Deploying Applications with XenApp
  - Application Installation in XenApp
  - Streaming Applications in XenApp
  - Installing Applications in a Multi-User Environment
  - Isolation Environments
  - Creating an Isolation Environment
  - Configuring Isolation Environment Settings
  - Associating an Application with an Isolation Environment
  - Installation Manager Overview
  - Installation Manager Packaging
  - Rolling Back the Packager
  - Packaging an Application
  - Packaging a File or Folder Contents
  - Packaging an Unattended Installation
  - Package Deployment
  - Adding a Package to the Installation Manager Database
  - Installing a Package
  - Publishing a Package
  - Installation Manager Administration
  - Configuring Installation Manager Properties
  - Creating Server Groups
  - Creating and Using Package Groups
  - Viewing Package Status
  - Uninstalling a Package
- Configuring Printing
  - Printer Configuration
  - Importing Print Servers
  - Printer Assignment
  - Configuring Client Printers
  - Assigning Network Printers to Users
  - Print Driver Management
  - Replicating Print Drivers
  - Universal Driver Printing Policies and Features
  - Maintaining Print Driver Compatibility Lists
  - Configuring Print Driver Mappings
  - Assigning Printer Creation Settings to Published Applications
  - Managing Printer Bandwidth

- Enabling Web Access to Published Resources
  - Web Interface Communications Overview
  - Web Interface Installation and Configuration
  - 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 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
  - Deleting a Target from a Profile
  - Upgrading an Application in a Target
  - Deleting an Obsolete Version of a Target
  - 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 in a Policy
  - 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