

## **CXA-201-1I Implementing Citrix XenApp 5.0 for Windows Server 2008**

CXA-201-1I Implementing Citrix XenApp 5.0 for Windows Server 2008 provides the foundation necessary to effectively deploy and administer Citrix XenApp and its components, including Web Interface, Application Streaming, Load Manager, Installation Manager, and Secure Gateway.

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

### **Audience**

This course is intended for IT professionals, such as server, network and systems and 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 or Windows Server 2008 environments.

### **Key Skills**

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

- Install Citrix XenApp
- Install and distribute the XenApp plugin software
- Create and customize Web Interface sites
- Publish applications, server desktops and content
- Configure XenApp Web and XenApp Services sites to stream applications
- Create and assign load evaluators
- Configure, apply and prioritize policies in a XenApp environment
- Configure printers and printer policies and manage print drivers and printer bandwidth
- Create and configure Citrix administrators and their permissions
- Configure display and SpeedScreen settings
- Configure ICA encryption, SSL Relay and Secure Gateway
- Install and configure Installation Manager
- Identify the key features of Citrix XenApp Platinum Edition additional components

### **Instructional Method**

This course is an instructor-led training course with classroom discussion, demonstrations and the practical application of concepts through hands-on exercises.

### **Course Length**

5 Days

### **Certification Preparation**

CXA-201-1I prepares learners for exam A05 Implementing Citrix XenApp 5.0 for Windows Server 2008, the requirement for the CCA for Citrix XenApp 5 for Windows Server 2008.

### **Registration**

For more information and to register for this course, please visit [www.CitrixEducation.com](http://www.CitrixEducation.com).

## 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 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

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

### Topic Outline

Provided is the topic outline for CXA-201-11.

- Introducing XenApp 5.0
  - Components of XenApp 5.0
  - Citrix XenApp 5.0 Architecture and Communications
  - Features of XenApp 5.0
  - Management Consoles in XenApp 5.0
  - License Management Console
  - Access Management Console
  - XenApp Advanced Configuration
- Installing XenApp
  - XenApp Installation Decisions
- Installing and Configuring Citrix XenApp Plugins
  - Citrix XenApp Plugins for Windows
  - Architecture and Communication
  - Citrix XenApp Plugins Installation
  - Custom Installation Package
  - Citrix XenApp Plugin Usage
    - Using the Citrix XenApp Web Plugin
    - Using the Citrix XenApp Plugin
  - Session Reliability
- Installing and Configuring Web Interface

- Web Interface Architecture and Communications
- Web Interface Installation
- Creating XenApp Web Sites
- XenApp Services Sites
- Configuring a XenApp Services Site
- Site Appearance
  - Configuring the Site Appearance
  - Configuring Session Preferences
  - Configuring Workspace Control
- Web Interface Plugins
  - Configuring Plugin Deployment
  - Configuring Client for Java Settings
- Authentication Configuration
  - Configuring Explicit Authentication
  - Configuring Pass-Through Authentication
  - Configuring Smart Card Authentication
- DMZ Settings Configuration
  - Configuring an Access Method
- Client-Side Proxy Setting Configuration
- Server Configuration
  - Adding Server Farms
  - Enabling Fault Tolerance
  - Specifying the XML Communication Port
- Web Interface Site Removal
- Delivering Applications and Content
  - Resource Publishing
    - Publishing Resources
    - Organizing 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
  - Published Resource Management
    - Viewing Published Resource Usage
    - Modifying Published Resource Properties
    - Disabling or Hiding a Published Resource
- Streaming Applications
  - Application Streaming Components Overview
  - Application Streaming Communications
  - XenApp Plugin for Streamed Applications
  - Citrix 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
    - Customizing the Offline License Setting
    - Caching Applications for Offline Access
- Configuring Load Management
  - Load Balancing Process
  - Preferential Load Balancing
  - 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
  - Common Load Management Configuration Missteps
- Configuring Policies in XenApp
  - Architecture and Communication
  - Policies in XenApp
    - Identifying Policy Rules
    - Using the Streamed Application Policy
    - Creating Policies in XenApp
    - Applying Policies Using Filters
  - Policy Administration
    - Prioritizing Policies
    - Using the Policy Search Engine
    - Merging Shadow Policies
    - Common Policy Configuration Missteps
- Configuring Printing
  - Architecture and Communication
  - Print Drivers
  - Client Printer Policies
    - Enabling Client Printer Auto-Creation
    - Creating Auto-Retained Printers
    - Creating Permanent Client Printers
    - Creating Auto-Restored Client Printers
  - Network Printers
    - Importing Print Servers
    - Assigning Network Printers to Users
    - Limiting Printer Bandwidth
  - Print Driver Management
    - Replicating Print Drivers
    - Maintaining Print Driver Compatibility Lists
    - Configuring Print Driver Mappings
    - Assigning Printer Creation Settings to Published Applications
  - Common Printing Configuration Missteps
- Administrative Configuration
  - Administrative Permissions
    - Adding Administrator Accounts
    - Configuring Administrator Permissions
    - Configuring Folder Permissions
  - Remote Console Connections
    - Enabling Remote Console Connections
  - Configuration Logging
    - Creating the Configuration Logging Database
    - Configuring Configuration Logging
- Display and SpeedScreen Configuration
  - 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
- XenApp Security
  - ICA Encryption
    - Configuring ICA Encryption in a Policy
    - Configuring ICA Encryption Through a Hosted or Streamed Application
  - Citrix SSL Relay
    - Configuring Citrix SSL Relay
  - Access Gateway
  - Citrix Secure Gateway
    - Using Digital Certificates
    - Installing the Secure Gateway
  - Web Interface Configuration
    - Configuring the Access Method
    - Configuring Secure Gateway Settings
  - Secure Gateway Monitoring
  - Common Security Configuration Missteps
- Installing Applications, Service Packs and Hotfixes
  - Application Installation
  - Installation Manager for Citrix XenApp
    - Installing Installation Manager
    - Using Installation Manager
  - Task Management
    - Installing Service Packs and Hotfixes
  - Shadow Key
- Platinum Edition Additional Components
  - 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 Optimization Overview
  - WANScaler Architecture