



CTX-4100AI Citrix Presentation Server 4.5: Skills Update

CTX-4100AI Citrix Presentation Server 4.5: Skills Update provides the foundation necessary to effectively deploy and administer Citrix Presentation Server 4.5 and its components, including Web Interface, application streaming and Secure Gateway. Learners will receive hands-on training for installing Citrix Presentation Server and Presentation Server Clients and for using the various administrative consoles to configure policies, individual server and server farm settings, isolation environments, streaming applications and much more.

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 MetaFrame XP Feature Release 3. Systems engineers, analysts, consultants, and architects with Citrix MetaFrame XP Feature Release 3 experience are also appropriate candidates for this course.

Preparatory Recommendations

It is recommended that learners complete the CTX-1455CW Citrix Common Management Platform 4.5: Administration eLearning course prior to attendance in this skills update class.

Key Skills

Upon successful completion of this course, learners are able to:

- Install Presentation Server 4.5 in a Windows Server 2003 environment.
- Install and configure Presentation Server Clients for Windows.
- Configure and manage connection and printing policies for Presentation Server.
- Configure ICA connection and session settings.
- Configure and manage server and server farm settings.
- Deploy applications into an isolation environment.
- Install and configure Web Interface.
- Configure application streaming for Presentation Server.
- Secure access to published resources.

Instructional Method

This instructor-led course provides classroom lecture topics and the practical application of features added to Citrix Presentation Server since the release of the Citrix MetaFrame XP Feature Release 3 product through demonstrations, practices, and hands-on exercises.

Course Length

3-day instructor-led training

Certification Preparation

Citrix instructor-led training course CTX-4100AI prepares candidates for exam 1Y0-259 Citrix Presentation Server 4.5: Administration. Exam 259 is the core exam required for certification as a Citrix Certified Administrator (CCA) for Citrix Presentation Server.

Registration

Please go to www.CitrixEducation.com to locate a Citrix Authorized Learning Center (CALC) offering CTX-4100AI.

Key Differences: CTX-1259AI Citrix Presentation Server 4.5: Administration vs. CTX-4100AI Citrix Presentation Server 4.5: Skills Update

The key difference between CTX-1259AI and CTX-4100AI is the completeness of the course. If a student has no experience using any version of Presentation Server, CTX-1259AI is the appropriate choice. If a student has experience using Citrix MetaFrame XP Feature Release 3, CTX-4100AI is the appropriate choice.

The following list summarizes course content in CTX-4100AI:

- Presentation Server 3.0, 4.0 and 4.5 features
- Citrix Presentation Server Client for Windows versions 8.x, 9.x and 10.0 features
- Presentation Server 4.5 installation
- Access Management Console tasks
- Citrix policies
- SpeedScreen technologies
- Configuration Logging
- Virtual Memory Management
- Health Monitoring and Recovery
- Printer Management
- Application Streaming
- Web Interface
- ICA Encryption, SSL Relay and Secure Gateway

Topic Outline

Provided is the topic outline for CTX-4100AI.

- Installing Citrix Presentation Server
 - Citrix Presentation Server Overview
 - Identifying Components of Presentation Server
 - Introducing New Features
 - Identifying Management Consoles in Presentation Server
 - Installation of Presentation Server
 - Making Installation Decisions
- Installing and Configuring Citrix Presentation Server Clients
 - Citrix Presentation Server 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 Presentation Server
 - Policies in Presentation Server
 - Identifying Policy Rules
 - Creating Policies in Presentation Server
 - 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 Presentation Server
 - 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 Presentation Server
 - 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 Presentation Server
 - 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

