



CTX-1259AI Citrix Presentation Server 4.5: Administration

CTX-1259AI Citrix Presentation Server 4.5: Administration provides the foundation necessary to effectively deploy and administer Citrix Presentation Server 4.5 and its components, including Load Manager, Installation Manager, 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 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. In addition, Citrix recommends that learners complete the following eLearning courses:

- CTX-1455CW Citrix Common Management Platform 4.5: Administration
- CTX-1255AW Citrix Presentation Server 4.0: Architectural Overview

Key Skills

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

- Install Presentation Server 4.5 in a Windows Server 2003 environment
- Install and configure Presentation Server Clients
- Publish applications, resources and content
- Configure and manage policies for Presentation Server
- 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 Presentation Server to stream applications
- Secure access to published resources through ICA encryption, Citrix SSL Relay and Secure Gateway

Instructional Method

This instructor-led course provides classroom lecture topics and the practical application of Citrix Presentation Server 4.5 through demonstrations, practices, and hands-on exercises.

Course Length

5-day instructor-led training

Certification Preparation

Citrix instructor-led training course CTX-1259AI prepares candidates for exam 1Y0-259 Citrix Presentation Server 4.5: Administration. Exam 1Y0-259 is the core exam required for certification as a Citrix Certified Administrator (CCA) for Citrix Presentation Server 4.

Registration

Please go to www.CitrixEducation.com to locate a Citrix Authorized Learning Center (CALC) offering CTX-1259AI.

Key Differences: *CTX-1259AI* vs. *CTX-1256BI*

CTX-1259AI Citrix Presentation Server 4.5: Administration covers Citrix Presentation Server 4.5, while CTX-1256AI: Citrix Presentation Server 4.0: Administration covers Citrix Presentation Server 4.0.

The key difference between Citrix Presentation Server 4.0 and Citrix Presentation Server 4.5 is the administration console that is used to perform most tasks. Most tasks previously performed in the Presentation Server Console in Presentation Server 4.0 are now performed in the Access Management Console in Presentation Server 4.5.

If a student uses Presentation Server 4.0, CTX-1256BI remains the appropriate choice. If a student uses Presentation Server 4.5 or is considering upgrading to Presentation Server 4.5, CTX-1259AI is the appropriate choice.

The following list summarizes key course content additions from CTX-1256BI to CTX-1259AI:

- New Access Management Console tasks
- Citrix Presentation Server Client for Windows version 10.0
- Remote Configuration/Trusted Server Configuration
- SpeedScreen Progressive Display
- Configuration Logging
- Virtual Memory Management
- Health Monitoring and Recovery
- Application Streaming

Topic Outline

Provided is the topic outline for CTX-1259AI.

- Installing Citrix Presentation Server
 - Citrix Presentation Server Overview
 - Identifying Components of Presentation Server
 - Introducing New Features and Feature Enhancements
 - 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
 - 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 Presentation Server
 - Policies in Presentation Server
 - Identifying Policy Rules
 - Creating Policies in Presentation Server
 - Applying Policies Using Filter
 - Prioritizing Policies
 - Using the Policy Search Engine
- Configuring Sessions in Presentation Server
 - 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 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
 - 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 Presentation Server
 - Application Installation in Presentation Server
 - Streaming Applications in Presentation Server
 - 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