



CTX-1256BI Citrix Presentation Server 4.0: Administration

This course provides the necessary foundation to deploy and administer Citrix® Presentation Server 4.0. This course covers installation and administration of Presentation Server and its components, including Web Interface, Secure Gateway, Installation Manager and Load Manager. Learners receive in-depth training using the Citrix Presentation Server Console to configure server farm and individual server settings and the Citrix Access Suite Console to manage multiple farms. In addition, this course provides training for managing, implementing and deploying the Citrix Presentation Server Clients.

Audience

This course is intended for IT professionals, such as server, network, system and help desk administrators, familiar with Microsoft® Windows Server™ 2003 environments. Systems engineers, analysts, consultants, architects and Citrix accessPARTNER network members are also appropriate candidates for this course.

Preparatory Recommendations

Before taking this course, Citrix recommends that learners successfully complete the following:

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

Learners who do not complete the courses risk not having the foundational knowledge and skills necessary to attend CTX-1256BI.

Key Skills

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

- Identify the features and functions of the Citrix Presentation Server Console
- Configure a Citrix Presentation Server farm and individual server settings
- Configure policies for servers, users, and groups using the Citrix Presentation Server Console
- Create custom administrators within the Citrix Presentation Server Console to manage the farm, individual servers, applications or tasks
- Manage and deploy applications in Citrix Presentation Server environments
- Manage Citrix Presentation Server
- Configure and manage Web Interface and Secure Gateway for Citrix Presentation Server

Instructional Method

This instructor-led training course provides interactive presentations, discussion and practical application through hands-on labs and group activities.

Course Length

4 days

Certification Preparation

This course, along with CTX-1255AW Citrix Presentation Server 4.0: Architectural Overview, prepares learners to take exam 1Y0-256 Citrix Presentation Server 4.0: Administration. Exam 1Y0-256 is a requirement for the Citrix Certified Administrator™ (CCA) for Citrix Presentation Server 4.0 and Citrix Certified Enterprise Administrator™ (CCEA) for Citrix Access Suite 4.0 certifications.

Topic Outline

Provided is the topic outline for CTX-1256BI.

- Introducing and Installing Citrix Presentation Server
 - Introducing Citrix Presentation Server
 - Presentation Server Features
 - Presentation Server Components, Services and Protocol
 - Identifying Hardware and Software Requirements

- Choosing a Data Store Database
 - Data Store Overview
 - Data Store Access Modes
 - Installing Presentation Server
 - Definitions and Considerations
 - Performing a Presentation Server Installation
- Installing and Configuring the Citrix Presentation Server Clients
 - The Citrix Presentation Server Client Software
 - The Clients
 - The Citrix Presentation Server Client for Win32
 - The Features of the Client for Win32
 - Key Features of the Client for Win32
 - Installing the Client for Win32
 - Installation Requirements
 - The Client Packager
 - Installing the Clients Manually
 - Installing the Clients From a Network Share
 - Deploying the Clients Using Active Directory® or Microsoft Systems Management Server
 - ICA Client Update Database
 - Creating a New ICA Client Update Database
 - Configuring and Modifying the ICA Client Update Database
 - The Clients for Win32
 - Accessing Published Resources with the Client for Web
 - Accessing Published Resources with Program Neighborhood™
 - Accessing Published Resources and the Server Desktop with Program Neighborhood
- Configuring ICA Connections and Sessions
 - ICA Connection Configurations
 - Configuring ICA-TCP Connections
 - Setting Security Permissions Procedure
 - Configuring Client Settings
 - Configuring Advanced ICA Connection Settings
 - Configuring ICA Settings
 - Configuring ICA Sessions for Improved Performance
 - Enabling SpeedScreen™ Browser Acceleration
 - Enabling SpeedScreen Multimedia Acceleration
 - Enabling SpeedScreen Flash Acceleration
 - Enabling SpeedScreen Latency Reduction
 - Enabling SpeedScreen Image Acceleration
 - Configuring Audio for ICA Sessions
- Managing Server and Server Farm Settings
 - Managing Presentation Server Administrator Accounts and Folders
 - Adding Administrator Accounts
 - Configuring Administrator Privileges
 - Using Folders to Manage Applications and Servers
 - Configuring Server and Server Farm Settings
 - Specifying a License Server
 - Integrating with Novell® Directory Services or eDirectory™
 - Configuring Server and Server Farm Communication Options
 - Configuring the Presentation Server Farm
 - Configuring Data Collectors
 - Optimizing CPU Utilization
 - Optimizing Virtual Memory Utilization
 - Configuring Virtual IP Addresses for Applications and Sessions
 - Configuring Connection Limits
 - Configuring ICA Keep-Alive Settings
 - Configuring ICA Settings
 - Management Console for Citrix Access Suite

- Configuring My View in the Access Suite Console
 - Launching Management Consoles
 - Viewing Server and Server Farm-Related Information
- Publishing Resources
 - Publishing Applications and Desktops
 - Considerations for Publishing Resources
 - Integrating Published Applications with Other Products
 - Using the Application Publishing Wizard to Publish Applications and Desktops
 - Using the Application Publishing Wizard to Publish Content
 - Managing Published Resources
 - Configuring Published Resource Properties
 - Configuring Published Resource Name, Type, Location and Appearance
 - Assigning Published Resources to Users
 - Organizing Published Resources for Users
 - Assigning Published Applications or Desktops to Servers
 - Implementing Published Application Connection Controls and Resource Limits
 - Disabling or Hiding a Published Resource
 - Copying and Organizing Published Resources for Administration
 - Viewing Published Application Usage
 - Configuring Content Redirection
 - Configuring Client-to-Server Redirection
 - Configuring Server-to-Client Redirection
 - Configuring Published Content with Content Redirection
- Configuring Citrix Presentation Server Policies
 - Presentation Server Policies
 - Creating Presentation Server Policies
 - Applying Policies Using Filters
 - Managing Presentation Server Policies
 - Prioritizing Policies
 - Enabling Shadowing Through Policy Rules
- Configuring Load Manager
 - Reviewing the Load Management Process
 - Configuring Rules
 - Configuring and Managing Load Evaluators
 - Using Default or Advanced Load Evaluators
 - Creating a Custom Load Evaluator
 - Attaching Load Evaluators to Servers or Applications
 - Logging and Monitoring Load Evaluators
 - Viewing Load Evaluators in Use
 - Viewing Load Evaluator Rule Activity
 - Logging and Monitoring Access Attempts
- Deploying Applications with Installation Manager
 - Installing Applications in a Multi-User Environment
 - The Shadow Key Replication Process
 - Installation Manager Communication Process
 - Installation Manager Packaging
 - Installation Manager Packaging Process
 - Rolling Back the Packager
 - Creating a Package
 - Packaging an Unattended Installation
 - Packaging an Application
 - Deploying Packages to Servers
 - Application Deployment
 - Configuring Installation Manager Properties
 - Creating Server Groups
 - Adding a Package to the Installation Manager Database
 - Creating and Scheduling Package Groups

- Scheduling and Installing a Package
- Viewing Package Status
- Publishing a Package
- Uninstalling a Package
- Configuring Printing
 - Configuring Printers
 - Importing Print Servers
 - Configuring Printing for Users
 - Configuring Client Printer Policies
 - Assigning Network Printers to Users with Session Printers Policies
 - Managing Print Drivers
 - Replicating Print Drivers
 - Using Universal Driver Printing Policies
 - Using Universal Printing
 - 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
 - Configuring the Web Interface
 - Configuring and Running Discovery
 - Creating Sites
 - Customizing Site Appearance for the User
 - Configuring Authentication
 - Configuring Explicit Authentication
 - Configuring Pass-Through
 - Configuring Smart Card Authentication
 - Workspace Control Functionality
 - Configuring Workspace Control
 - Configuring Server
 - Configuring DMZ Settings
 - Configuring Client-Side Proxy Settings
 - Configuring Client Connection Settings
 - Configuring Client Deployment Configuring Client Deployment Method
 - Configuring Web Client Settings
 - Configuring Client for Java Settings
 - Configuring Client Launch Settings
 - Program Neighborhood Agent
- Securing Access to Published Resources
 - Securing Citrix Presentation Server
 - Securing Access with ICA Encryption
 - Securing Access with the Citrix SSL Relay
 - Configuring Citrix SSL Relay Securing Access with the Secure Gateway
 - Identifying the Secure Gateway Components
 - Identifying the Secure Gateway Deployment Options
 - Reviewing the Secure Gateway Communication
 - Preparing a Secure Gateway Deployment
 - Completing the Pre-Installation Checklist
 - Installing Digital Certificates Configuring the Secure Gateway
 - Configuring the Secure Gateway
 - Configuring Default Network Access
 - Configuring Client Address and Access Methods
 - Configuring Secure Gateway
 - Configuring Address Translation
 - Managing the Secure Gateway

Registration

Please go to www.citrix.com/edu to locate a Citrix Authorized Learning Center (CALC) offering CTX-1256BI.



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