

CMB-204-11 Implementing Citrix XenApp 5.0 for Windows Server 2008 with Access Gateway Enterprise Edition

This course 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.

This course also covers information administrators and other IT professionals need to successfully deploy and manage Access Gateway 9.0 Enterprise Edition and the Access Gateway Plug-ins. Designed to provide real-world experience, hands-on labs allow learners to configure an Access Gateway server and then integrate it with XenApp.

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
- Configure printers and printer policies and manage print drivers and printer bandwidth
- Identify the key features of Citrix XenApp Platinum Edition additional components
- Perform the initial configuration of the Access Gateway server
- Configure Access Gateway to integrate with XenApp
- Create and configure policies and profiles

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

Registration

For more information and to register for this course, please visit www.CitrixEducation.com.

Topic Outline

Provided is the topic outline for CMB-204-11.

- 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
 - 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
 - Deploying the Citrix Access Gateway
 - Access Gateway Features
 - Access Gateway Product Line
 - Identifying Access Gateway Hardware Platforms
 - Identifying the Access Gateway Hardware Components
 - Identifying Network Placement Options
 - WANScaler Integration
 - Identifying Deployment Considerations
 - Performing an Initial Installation and Configuration
 - Access Gateway Installation
 - Logging in to the Access Gateway
 - Setting the Password
 - Managing Licensing
 - Enabling Access Gateway Features
 - Initial Configuration
 - Understanding Virtual Local Area Networks
 - Running the Access Gateway Wizard
 - Saving the Configuration
 - Performing Basic Administration
 - Access Gateway Administrative Tools
 - Introducing the Configuration Utility
 - Introducing the Command-Line Interface
 - Introducing FreeBSD
 - Using Third-Party Tools
 - Access Gateway Management
 - Performing an Upgrade

- Managing Role-Based Administration
- Configuring Policies
 - Policy Structure
 - Policy Types and Their Uses
 - Policy Expressions
 - Identifying Qualifiers
 - Identifying Operators
 - Identifying Operands, Wildcards and Context-Sensitive Fields
 - Policy Priority
 - Policy Manager
 - Using Policy Manager
 - Creating Policy Expressions
- Configuring Access Policies
 - Endpoint Analysis
 - Configuring Pre-Authentication Policies
 - Authentication Policies
 - Configuring Authentication Policies
 - Authorization Policies
 - Configuring Authorization Policies
 - Session Policies
 - Configuring Credential Passing
 - Timeout Settings
 - Configuring Timeout Settings
 - Client Cleanup
 - Configuring Client Cleanup
 - Split Tunneling
 - Configuring Split Tunneling
- Securing XenApp Connections
 - XenApp Overview
 - ICA Proxy Mode
 - Configuring ICA Proxy Mode
 - Binding the Secure Ticket Authority
 - Configuring Web Interface Failover
 - Web Interface Connections through Access Gateway
 - Configuring Web Interface for Access Gateway Connections
 - File Type Association
 - Configuring File Type Association
 - SmartAccess
 - Configuring SmartAccess
 - Configuring XenApp for SmartAccess
 - Configuring Access Scenario Fallback