

## Updating your Applications Infrastructure Technology Skills to Windows Server 2008 Course Summary

### Description

This course provides students with an understanding of Applications Infrastructure technologies in Windows Server 2008. This course is intended to allow individuals who already have experience with Applications Infrastructure technologies in Windows 2000 Server or Windows Server 2003 to upgrade their skills to Windows Server 2008.

### Objectives

At the end of this course, students will be able to:

- Configure and use Windows Server as an application server with new Server Roles.
- Use new features in IIS 7.0 Application Server, including the new modular configuration system.
- Manage Web Applications with IIS 7.0.
- Troubleshoot IIS 7.0-based Web servers with automatic failed request tracing and other included features and tools.
- Plan for Windows SharePoint Services 3.0 implementation in a variety of network environments.
- Configure and manage Windows SharePoint Services 3.0 from initial setup through troubleshooting and day-to-day operation.
- Use new features in Terminal Services and describe Terminal Services Licensing.
- Use and manage Terminal Services remote programs and gateways, including troubleshooting and performance optimization.
- Configure disk storage in Windows Server 2008.

### Topics

- Server Roles and Initial Configuration Tasks
- Overview of IIS 7.0 Application Server
- Managing Web Applications with IIS 7.0
- Troubleshooting Web Servers
- Introduction to the Windows SharePoint Services 3.0 Platform
- Configuring and Managing Windows SharePoint Services 3.0
- Configuring Terminal Services
- Managing Terminal Services
- Configuring Storage

### Audience

This course is intended for IT Professionals experienced on the technologies included in Windows Server 2000 and Windows Server 2003, and who hold an MCSE or MCSA certification and/or equivalent knowledge.

### Prerequisites

Before attending this course, students must have one or more of the following:

- On-the-job experience in planning, implementing, managing, or supporting Microsoft Windows Server 2000 or 2003, including Active Directory and Network Infrastructure.
- Working knowledge of networking, for example, TCP/IP and Domain Name System (DNS).
- Designed a Microsoft Windows Server 2003 Active Directory and Network Infrastructure.
- Designed Security for a Microsoft Windows Server 2003 Network.
- Installed, Configured, and Administered Microsoft Windows 2000, Windows XP Professional, or Microsoft Vista.

### Duration

Three days

## Updating your Applications Infrastructure Technology Skills to Windows Server 2008 Course Outline

- I. Server Roles and Initial Configuration Tasks**
  - A. Application Server Roles
  - B. Application Server Features
  - C. Implement a Volume Licensing Strategy using KMS and MAK
- II. Overview of IIS 7.0 Application Server**
  - A. Review of IIS 6.0
  - B. Review SMTP in Windows Server 2008
  - C. Key Improvements in IIS 7.0
  - D. IIS 7.0 Configuration System
  - E. Adding the SMTP Feature.
- III. Managing Web Applications with IIS 7.0**
  - A. Managing IIS 7.0
  - B. Using Hierarchical Configuration Settings
  - C. Delegating Configuration to Non-Administrator Users
- IV. Troubleshooting Web Servers**
  - A. Troubleshooting IIS 7.0
  - B. Using the Runtime Control and Status API
  - C. Using Automatic Failed Request Tracing
  - D. Adding Trace Events to Managed Modules
- V. Introduction to the Windows SharePoint Services 3.0 Platform**
  - A. Overview of Windows SharePoint Services
  - B. Collaborative Technologies with WSS
  - C. Planning the WSS 3.0 Environment
  - D. Installing and Configuring WSS 3.0
- VI. Configuring and Managing Windows SharePoint Services 3.0**
  - A. Creating and Configuring Sites2
  - B. Managing Windows SharePoint Services 3.0
- VII. Configuring Terminal Services**
  - A. Terminal Services Overview
  - B. Terminal Services Core Functionality
  - C. Terminal Services Web Access
  - D. Terminal Services Licensing
- VIII. Managing Terminal Services**
  - A. Terminal Services RemoteApp Programs
  - B. Terminal Services Gateway
  - C. Managing Terminal Services
- IX. Configuring Storage**
  - A. Preparing Disks
  - B. Managing Disk Properties
  - C. Managing Mounted Drives
  - D. Converting Disks
  - E. Creating Volumes
  - F. Creating Fault-Tolerant Volumes