MOC 6427 Configuring and Troubleshooting Internet Information Services in Windows Server 2008

Course Summary

Description
In this course, the students will learn to install, configure, maintain, and troubleshoot an Internet Information Services (IIS) 7.0 Web Server in Windows Server 2008.

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

- Describe the IIS 7.0 modular architecture and workloads.
- Configure an IIS 7.0 Web Server.
- Secure Web sites and Web application pools.
- Troubleshoot Web servers, sites and applications.
- Use command line tools and scripting tools.
- Tune IIS to improve performance.
- Maintain Web sites.
- Enable integrated technologies to extend IIS 7.0 functionality.

Topics

- Configuring an IIS 7.0 Web Server
- Configuring IIS 7.0 Web Sites and Application Pools
- Configuring IIS 7.0 Application Settings
- Configuring IIS 7.0 Modules
- Securing the IIS 7.0 Web Server and Web Sites
- Configuring Delegation and Remote Administration
- Using Command-line and Scripting for IIS 7.0 Administration
- Tuning IIS 7.0 for Improved Performance
- Ensuring Web Site Availability with Web Farms
- Troubleshooting IIS 7.0 Web Servers

Audience
The primary audience for this course is individuals who want to become a Web Server Administrator in an enterprise environment. Also, individuals who are assuming a new role requiring skills to manage content served by an IIS 7.0 Web Server over an intranet, extranet, and internet would be interested in this course. The secondary audience for this course is individuals who are Web-based application developers who also possess networking skills.

Prerequisites
Before attending this course, students must have take the Foundational Series: Fundamentals of a Windows Server 2008 Network Infrastructure and Application Platform course .Or have a minimum of 1 year of experience administering and supporting a Web Server role using Windows Server 2003 and Network + certification.

Duration
Three days

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Course Outline

I. Configuring an IIS 7.0 Web Server
- A. Introducing Internet Information Services 7.0
- B. Installing the Web Server Role in Windows Server 2008
- C. Configuring Application Development, Health, and HTTP Features
- D. Configuring Performance, Security, and Server Component Features

II. Configuring IIS 7.0 Web Sites and Application Pools
- A. Introducing Web Sites and Application Pools
- B. Creating a Web Site
- C. Creating an Application Pool
- D. Maintaining an Application Pool

III. Configuring IIS 7.0 Application Settings
- A. Configuring Application Settings
- B. Configuring ASP.NET Security

IV. Configuring IIS 7.0 Modules
- A. Configuring Native Modules
- B. Configuring Managed Modules

V. Securing the IIS 7.0 Web Server and Web Sites
- A. Configuring Secure Web Sites and Servers
- B. Configure Other Aspects of Web Server Security
- C. Configuring Logging for IIS 7.0

VI. Configuring Delegation and Remote Administration
- A. Configuring Remote Administration
- B. Configuring Delegated Administration
- C. Configuring Feature Delegation

VII. Using Command-line and Scripting for IIS 7.0 Administration
- A. Tools for Running Administrative Tasks in IIS
- B. Executing Scripts for Administrative Tasks
- C. Managing IIS Tasks

VIII. Tuning IIS 7.0 for Improved Performance
- A. Implementing Best Practices for Improving IIS Performance
- B. Configuring Options to Improve IIS Performance
- C. Managing Application Pools to Improve IIS Performance
- D. Ensuring Web Site Availability with Web Farms
- E. Backing Up and Restoring Web Sites
- F. Working with Shared Configurations
- G. Configuring Network Load Balancing for IIS

IX. Troubleshooting IIS 7.0 Web Servers
- A. Using IIS 7.0 Logging for Troubleshooting
- B. Troubleshooting Authentication
- C. Troubleshooting Authorization
- D. Troubleshooting Communication
- E. Troubleshooting Configuration

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