

10972 Administering the Web Server (IIS) Role of Windows Server

Course Overview

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This is a 5-day class

This course provides students with the fundamental knowledge to configure and manage IIS. It provides pre-requisite skills supporting a broad range of Internet web applications, security, and knowledge to help support other products that use IIS.



Who Should Attend

This course is intended for IT Professionals already experienced in general Windows Server and Windows Client administration. No prior experience with any version of Internet Information Services is assumed.

Course Outline

1 Overview and Installing Internet Information Services

Understanding a Web Server infrastructure
Installing Internet Information Services
Lab: Installing Internet Information Services

2 Configuring The Default Website

Examining the Default Website using IIS Manager
Examining the Default IIS File Structure
Configuring DNS records for a website
Creating virtual directories and Applications
Lab: Configuring the Default website for public access

3 Configuring and Managing Application Pools

Defining the Application Pool Architecture
Creating and Managing Application Pools
Configuring Application Pool Recycling
Lab: Configuring and Managing Application Pools
Lab: Configuring Application Pool Recycling

4 Creating Additional Websites

Understanding multiple websites on a single server
Examining and configuring the website bindings
Creating New Websites
Lab: Examining the existing websites and bindings for conflicts
Lab: Creating new websites

5 Configuring Website and Web Application Support

Configuring Common features
Adding support for web applications
Lab: Configuring Common Features
Lab: Adding support for web applications

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6 Securing Websites and Applications

Defining Access Control for Web Servers, Sites and Applications

Configuring Authentication and permissions

Enabling URL Authorization Rules

Lab: Configuring Authentication and permissions

Lab: Enabling URL Authorization Rules

7 Securing Data Transmissions with SSL

Understanding Certificates and SSL

Creating certificates for a web server

Adding a certificate to a website

Lab: Creating and installing a self-signed certificate

Lab: Adding a certificate to a website

8 Using the Central Certificate Store

Understanding the Central Certificate Store

Installing and configuring the Central Certificate Store

Lab: Installing and Configuring the Central Certificate Store

9 Configuring Remote Administration

Installing and Configuring the Management Service

Connecting to remote web servers and websites

Delegating Management Access

Lab: Installing and Configuring the Management Service

Lab: Connecting to remote web servers and websites

Lab: Delegating Management Access

10 Implementing FTP

Implementing FTP

Configuring an FTP site

Configuring an FTP site

Lab: Configuring and using an FTP site

11 Monitoring IIS

Monitoring IIS logs with Log Parser

Lab: Monitoring IIS logs with Log Parser

12 Backing up and Restoring IIS

Understanding the IIS environment for Backup and restore

Performing a backup and restore of a website

Lab: Performing a backup and restore of a website

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13 Building Load-Balanced Web Farms

Understanding load-balancing Mechanisms

Building a Load-Balanced Web Farm using ARR

Sharing content to a Web Farm using a network share

Sharing content to a Web Farm using DFS-R

Sharing IIS Configurations in a Web Farm

Lab: Building a Load-Balanced Web Farm using ARR

Lab: Sharing content to a Web Farm using a network share

Lab: Sharing content to a Web Farm using DFS-R

Lab: Sharing IIS Configurations in a Web Farm