

<b>10972BC</b>	<b>Administering the Web Server (IIS) Role of Windows Server</b>	<b>5 DAYS</b>	<b>SATV : YES</b>
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## Course Description

Get professional, experienced instruction and hands-on practice implementing Microsoft Windows Server web and application hosting technologies using Windows Server 2012 R2 Internet Information Services in this 5-day Microsoft Official Course. This course can help you prepare to implement and administer IIS through instructor-led training and hands-on labs. You will learn the skills you need to deploy and manage a Microsoft Server web and application infrastructure in an enterprise environment. You will learn how to configure key IIS features such as Centralized Certificates, Dynamic IP Restrictions, FTP Logon Attempt Restrictions, Application Initialization, NUMA-aware scalability and IIS CPU Throttling. As part of the learning experience, you will also perform hands-on exercises in a virtual lab environment.

## Course Outline

### Module 1: Understanding and Installing Internet Information Services

- Understanding a Web Server infrastructure
- Installing Internet Information Services

### Module 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 Folders, Virtual Directories, and Applications

### Module 3: Configuring and Managing Application Pools

- Defining the Application Pool Architecture
- Creating and Managing Application Pools
- Configuring Application Pool Recycling

### Module 4: Creating Additional Websites

- Understanding Configurations for Multiple Websites
- Configuring Website Bindings
- Creating and Starting Websites

### Module 5: Configuring Website and Web Application Support

- Configuring Common Features
- Configuring Support for Web Applications

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## **Module 6: Securing Websites and Applications**

- Understanding IIS Authentication and Authorization
- Configuring Authentication and Authorization
- Configuring URL Authorization Rules

## **Module 7: Securing Website Data Transmission**

- Understanding Certificates and SSL
- Creating and Managing Web Server Certificates
- Configuring HTTPS Bindings

## **Module 8: Managing Certificates in the Centralized Certificate Store**

- Understanding the Centralized Certificate Store
- Installing and Configuring the Centralized Certificate Store

## **Module 9: Configuring Remote Administration**

- Installing and Configuring the Management Service
- Connecting to Remote Web Servers and Websites
- Delegating Management Permissions

## **Module 10: Implementing FTP**

- Planning for FTP
- Implementing an FTP site
- Uploading and Downloading by Using FTP

## **Module 11: Monitoring IIS**

- Monitoring IIS Logs
- Analyzing Performance Counters

## **Module 12: Backing Up and Restoring IIS**

- Understanding IIS Backup and Recovery Components
- Backing Up and Recovering a Website

## **Module 13: Building Load-Balanced Web Farms**

- Understanding Load-Balancing Mechanisms
- Building a Load-Balanced Web Farm by Using ARR
- Sharing Content in a Web Farm by Using Shared Folders
- Sharing Content in a Web Farm by Using DFS-R
- Sharing IIS Configurations in a Web Farm