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Topic#: 002639 Created: March 2012

Introduction

This *Tech Note* contains tips to ensure a successful Wonderware Information Server (WIS) default installation on the Windows Server 2008 64 and 32-bit operating system.

Note: IIS7 Reporting Services are used for both MES and WIS Reports. IIS7 Web Server Roles configuration steps in this Tech Note supersede the IIS configuration steps in Tech Note 783: Installing Web Service (IIS) Role and Role Services Prerequisites for MES 4.0.

Application Versions

- Wonderware Information Server (WIS) 4.0 or later
- Microsoft SQL Server 2005 or Microsoft SQL Server 2008 Based on the version of WIS installed
- Microsoft Windows Server 2008 64 and 32-bit
- Internet Explorer 8 and later

Assumptions

This Tech Note assumes that you are familiar with the following products:

- Wonderware Information Server (WIS) 4.0 or later.
- Microsoft SQL Server version 2005 or later Installation.

To install these features

- 1. Open Server Manager or right click on my computer and choose Manage.
- 2. In the right panel, Click ADD Roles section.

Server Manager		
File Action View Help		
🗢 🔿 🙍 🖬 👔		
Server Manager (WIN-A13CCDVBK	Roles	
Roles Features Diagnostics Configuration Storage	View the health of the roles installed on your server and add or remove roles and features.	
	Roles Summary	Roles Summary Help
	Roles: 0 of 17 installed	Add Roles

FIGURE 1: ADD ROLES

- 3. Click Next on Before You Begin screen.
- 4. Select Web Server (IIS) Role to install, and then Click Next.

	1 0 0	
Add Roles Wizard Select Server Ro	les	
Before You Begin Server Roles Web Server (IIS) Role Services Confirmation Progress Results	Select one or more roles to install on this server. Roles: Active Directory Certificate Services Active Directory Domain Services Active Directory Federation Services Active Directory Lightweight Directory Services Active Directory Rights Management Services Application Server DHCP Server DNS Server File Services Hyper-V Network Policy and Access Services Print and Document Services Print Server Update Services Windows Server Update Services Windows Server Update Services 	Description: Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.
	< Previous Next	> Install Cancel

FIGURE 2: WEB SSERVER (IIS) ROLE FOR INSTALL

- 5. Click **Next** in the **Web Server (IIS)** Notification page.
- 6. Select **Role Services** as is shown in Figure 1, 2, and 3.
- 7. Note: Some Role Services may require a Dependency service, and Need to click on Add Required Role Services like the one shown for ASP.NET Role Service.

Add Roles Wizard		X	
Select Role Servi	ices		
Before You Begin Server Roles Web Server (IIS) Role Services Confirmation Progress Results	Select the role services to install for Web S Role services: Web Server Static Content Static Content Default Document Directory Browsing HTTP Errors HTTP Redirection WebDAV Publishing HTTP Redirection WebDAV Publishing Anomation Development ASP.NET ASP.NET Server Side Includes Server Side Includes Health and Diagnostics HTTP Logging Logging Tools Request Monitor Tracino More about role services	Server (IIS): Description: IIS 6 Management Compatibility provides forward compatibility for your applications and scripts that use the two IIS APIs, Admin Base Object (ABO) and Active Directory Service Interface (ADSI). You can use existing IIS 6 scripts to manage the IIS 7 Web Add Roles Wizard Add role services required for ASP.NET You cannot install ASP.NET unless the required role service: Role Services: Web Server Sole Services: Add role Services Sole Services: Net Sole Server Sole Service Net Sole Service Cancel Next > Install Cancel	F? s are also installed. Description: Web Server (IIS) provides a reliable, manageable, and scalable Web applica infrastructure. Add Required Role Services Ca

FIGURE 3: SELECT ROLE SERVICES

Note: WebDAV Publishing Role service is only available in Windows 2008 R2.







FIGURE 5: SELECT ROLE SERVICES (3)

At this point you should have the Following Role Services selected:

Web Server

Common HTTP Features

- Static Content
- Default Document
- Directory Browsing
- HTTP Errors
- HTTP Redirection
- WebDAV Publishing

Application Development

- ASP.NET
- .NET Extensibility
- ASP
- ISAPI Extensions
- ISAPI Filters

Health and Diagnostics

- HTTP Logging
- Request Monitor

Security

- Windows Authentication
- Request Filtering

Performance

Static Content Compression

Management Tools

- IIS Management Console
- IIS Management Scripts and Tools

- Management Service
- IIS 6 Management Compatibility
 - IIS 6 Metabase Compatibility
 - IIS 6 WMI Compatibility
 - IIS 6 Scripting Tools
 - IIS 6 Management Console
- 8. Click Install on Confirm Installation Selections Window.
- 9. Click Close when you see Installation Results.



FIGURE 6: INSTALLATION RESULTS WIZARD

At this point you should have the Web Server (IIS) Role configured.

10. You Should be able to browse the main IIS page by using the following URL in Internet Explorer:

http://Localhost



FIGURE 7: DEFAULT IIS WEB SITE

To configure Wonderware Information Server

- 1. Click Start > All Programs > Wonderware > Common, then select Configurator from the list.
- 2. Expand Wonderware Information Server and click Information Server.
- 3. Configure the Database Configuration and Application Account section (Figure 4 below), then click Configure.

e <u>H</u> elp		
Wonderware Historian Historian Server Wonderware Information Server	Web Configuration	Wonderware
ActiveFactory Reporting	Database Configuration	
- MultiViews	Server	TSLIAS65
Sample Content	Authentication Mode	C <u>W</u> indows € S <u>Q</u> L
	User Name	\$8
	Password	88
	Application Account	57
	User <u>N</u> ame	TSLIAS65\www.ser
	P <u>a</u> ssword	20000000000
	Confirm Password	8000000000
	License Status	
	Server License	ACQUIRED License Manager
	Write Enable License	ACQUIRED
	Configuration Messages	
Refresh All Messages		Configure Close

FIGURE 8: CONFIGURE INFORMATION SERVER OPTIONS IN CONFIGURATOR

Configurator will check for Required IIS Role Services Installed and can display a message (Figure 9 below) if it doesn't find a required Role Service.

4. Double-click the red error message in the Configuration Messages panel to view more details (Figure 10 below).

1essage Detail	View			
Date:	7/25/2011	Time:	12:45:35 PM	
User Name:	wwuser			
Product Name:	Wonderware Ir	nformation Se	erver	1
Feature Name:	Information Ser	ver		
Action:	Ensure that all Server are insta	required feat alled	ures of Microsoft Internet Informatio	an 📕
Message:	Microsoft Interr	net Informatio	on Server is not configured properly	
Message Details:				
Web Managemen Manag IIS Mar World Wide Web Commo Securit	nt Tool ement Service - agement Scripts . - Services - Mittp Reatures - HTTP Redirec - Y Windows Auth	and Tools tion entication		
		Q	ose	×

FIGURE 9: CONFIGURATION ERROR DETAILS

Per the message details, the following IIS Role Services are not installed:

- Web Management Tool: Management Service and IIS Management Scripts and Tools
- World Wide Web Services (IIS): Common Http Features HTTP Redirection and Security Windows Authentication

References

- To configure ActiveFactory Reporting *after* configuring WIS, see Tech Note 704 Configuring ActiveFactory Reporting from Wonderware Information Server (WIS).
- To enable and configure WebDAV see Tech Note 784 Installing and Enabling the WebDAV Extension Module for Wonderware Information Server (WIS).

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Tech Notes are published occasionally by Wonderware Technical Support. Publisher: Invensys Systems, Inc., 26561 Rancho Parkway South, Lake Forest, CA 92630. There is also technical information on our software products at Wonderware Technical Support.

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