Tech Note 788 Installing Wonderware Information Server (WIS) on the Windows Server 2008 64-bit Operating System

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Introduction

This Tech Note contains tips to ensure a successful WIS installation on the Windows Server 2008 64-bit operating system.

Application Versions

- Wonderware Information Server (WIS) 4.0
- Microsoft SQL Server 2005 or Microsoft SQL Server 2008
- Microsoft Windows Server 2008 SP2 and later, 64-bit
- Internet Explorer 8 and later
- ASP.NET version 2.0 or 3.5 (recommended) are required. See the WIS 4.0 Readme file for information.

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.

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Note: To configure ActiveFactory Reporting after configuring WIS, see Tech Note 704 Configuring ActiveFactory Reporting from Wonderware Information Server (WIS).
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Click the following links to view your particular configuration message:

- Error: Microsoft Internet Information Server is not configured properly
- Error: The WEBDAV module is not installed

To configure WIS 4.0

- 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 1 below), then click Configure.

Eile Help		
Wonderware Historian Wonderware Historian Wonderware Information Server Wonderware Information Server ActiveFactory Reporting ArchestrA Reporting MultiViews	Web Configuration	Wonderware
	Database Configuration	TSLIAS65
Sample Content	Authentication Mode	C <u>W</u> indows ⊙ S <u>Q</u> L
	User Name	şa
	Password	10
	Application Account	
	User <u>N</u> ame	TSLIAS65\www.ser
	Password	000000000
	Confirm Password	80000000
	License Status	
	Server License	ACQUIRED License Manager
	Write Enable License	ACQUIRED
	Configuration Messages	
Refresh		Configure Close

FIGURE 1: WIS CONFIGURATOR

The following errors/issues can appear in the Configuration Messages panel.

Error: Microsoft Internet Information Server is not configured properly

• Double-click on the red error message in the Configuration Messages panel to view more details (Figure 2 below).

Installing Wonderware Information Server (WIS) on the Windows Server 2008 64-bit Operating System

🙀 Message Detail	View			_ O ×
Date:	7/25/2011	Time:	12:45:35 PM	
User Name:	wwuser			
Product Name:	Wonderware In	formation Se	erver	T
Feature Name:	Information Ser	ver		
Action:	Ensure that all r Server are insta	required feat alled	ures of Microsoft Internet Information	↓
Message:	Microsoft Intern	et Informatio	on Server is not configured properly	
Message Details:				
Following Microso	oft Internet Informa	tion Server f	eature(s) are not installed	A
Web Managemer	nt Tool			
Manag IIS Mar	ement Service	and Tools		
World Wide Web	Services			
Commo	n Http Features HTTP Redirect	tion		
Securit	y Nafindowe Author	entication		
	WINDOWS AUCH	enucation		
				x
		<u> </u>	ose	

FIGURE 2: CONFIGURATION ERROR DETAILS

Per the message details, the following IIS features 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

To install these features

- 1. Open Server Manager.
- 2. In the left panel, highlight Web Server (IIS), then scroll down until you see the Role Services section.
- 3. Click Add Role Services (Figure 3 below).



FIGURE 3: ADD ROLE SERVICES

4. Go through the list in the message detail (Figure 2 above) to install the required features (Figure 4 below).

Add Role Services		×
Select Role Servi	ices	
Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIS): Role services:	 Description: Windows authentication is a low cost authentication solution for internal Web sites. This authentication scheme allows administrators in a Windows domain to take advantage of the domain infrastructure for authenticating users. Do not use Windows authenticated access your Web site from behind firewalls and proxy servers. West > Instell Cancel

FIGURE 4: INSTALL WEB SERVER ROLE SERVICES

- 5. After the selections, click Next then Install.
- 6. When the installation is finished, click Close.

Add Role Services			X
Installation Resu	ılts		
Role Services Confirmation	The following roles, role services, or features wer	e installed successfully:	
Progress	🔿 Web Server (IIS)	Installation succeeded	
Results	The following role services were installed: Web Server Common HTTP Features HTTP Redirection Security Windows Authentication Management Tools IIS Management Scripts and Tools Management Service		
	Print, e-mail, or save the installation report		
	< <u>Pre</u>	vious Next > Close Cancel	

FIGURE 5: ADD ROLES COMPLETED

Error: The WEBDAV module is not installed

1. Double-click the error to see details.

Installing Wonderware Information Server (WIS) on the Windows Server 2008 64-bit Operating System

🛃 Message Detail '	View				_ 🗆 ×
			10.45.05.004		
Date:	772572011	Time:	12:45:35 PM		
User Name:	wwuser				1
Product Name:	Wonderware In	Wonderware Information Server			
Feature Name:	Information Ser	ver			
Action:	Manually install You can downl 1.‴www.wonde	I the WEBDA load it from fo rware.com/\	V module. blowing links. WIS/webDAVx86″ For 3	32 Bit Windows	↓
Message:	The WEBDAV	module is no	t installed.		
Message Details:					
You can downloa 1. "www.wonderw 2. "www.wonderw After installing the the WEBDAV fea	d it from following are.com/WIS/we are.com/WIS/we WEBDAV the us ture.	links. bDAVx86" F bDAVx64" F er has to re-o	or 32 Bit Windows Vista or 64 Bit Windows Vista configure the Information	s/2008 s/2008 n Server feature to enable	
		g	ose		¥

FIGURE 6: WEBDAV CONFIGURATION ERROR MESSAGE DETAILS

- 2. Download and install the WebDAV 7.5 for IIS for 64 bit Windows 2008 Operating System.
- 3. Click the X64 link (Figure 7 below) to download and install the WebDAV x64 version 7.5.

Installing Wonderware Information Server (WIS) on the Windows Server 2008 64-bit Operating System



FIGURE 7: WEBDAV x64 INSTALLATION

4. After that, open the Configurator, highlight Information Server and click the Configure button again to configure the Information Server.

A Mondomuse Historian	-	
Wonderware Inistorian Wonderware Information Server Wonderware Information Server	Web Configuration	Wonderware
ActiveFactory Reporting	Database Configuration	
ArchestrA Reporting MultiViews	Server	TSLIAS65
Sample Content	Authentication Mode	C <u>W</u> indows ⊙ S <u>Q</u> L
	User Name	sa
	Password	88
	Application Account	
	User <u>N</u> ame	TSLIAS65\www.ser
	Password	DODDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
	Confirm Password	REPRODUCTION
	License Status	
	Server License	ACQUIRED
	Write Enable License	ACQUIRED
	Configuration Messages	annaith airteachan ara cracadh eat
	Authentication flags of "Wohd Authentication flags of "SvSQL Authentication flags of "SSSM Authentication flags of "AADat Authentication flags of "Scripts "SVAppPool" Application Pool Configuration State of ASP. NE Configuration state of Web Se Validation of feature configurati Validating license status for "S License acquired for feature "S License acquired for feature "S	erware virtual orrectory are properly set. LProvider" virtual directory are properly set. lanager" virtual directory are properly set. " virtual directory are properly set. " virtual directory are properly set. properties are properly set. T is enabled. rver Extensions is properly set. ion is complete. Voyager_Portal" feature. Voyager_Portal". Voyager_WriteEnable" feature. SVoyager_WriteEnable".

FIGURE 8: CONFIGURE WIS IS SUCCESSFUL

B. Nguyen

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Back to top

Installing Wonderware Information Server (WIS) on the Windows Server 2008 64-bit Operating System

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