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# Introduction

When you try to configure WIS, you will see Configuration Messages (Figures 1-4 below) when WebDAV is not installed or enabled on the Server. WebDAV (Web-based Distributed Authoring and Versioning) is a set of methods based on the Hypertext Transfer Protocol (HTTP) that facilitates collaboration between users in editing and managing online documents and files. The documents and files are stored on Web servers.

Microsoft provides a new WebDAV extension module that was completely rewritten for Internet Information Services (IIS) 7 on Windows Server® 2008. This new WebDAV extension module incorporates many new features that enable web authors to publish content better than before, and offers web administrators more security and configuration options.

Important: For the Process Graphics feature of WIS to work, you must install WebDAV before configuring the Wonderware Information Server.

# **Application Versions**

- WIS 4.0/ WIS 4.0 SP1
- Windows Server 2008 (32 bit/64 bit)
- IIS 7

### Issues

During WIS/Information Server configuration, you will see the following configuration messages in the WIS Configurator Window's **Configuration Messages** panel when WebDAV is not installed or enabled on the server. You must install and/or enable the WebDAV role service to configure WIS.

| File Help  |   |   |
|--|---|---|
| Wonderware Information Server Information Server ActiveFactory Reporting ArchestrA Reporting MultiViews Sample Content | Web Configuration<br>Virtual Folder Name  | Wonderware  |
|  | Database Configuration  | SERVER1   |
|  | Authentication Mode   | Windows C SQL   |
|  | User Name   | SERVER1\Administrator   |
|  | Password  |   |
|  | Application Account   |   |
|  | User Name   | SERVER1\Administrator   |
|  | Password  |   |
|  | Confirm Password  |   |
|  | License Status  |   |
|  | Server License  | UNKNOWN<br>License Manager  |
|  | Write Enable License  | UNKNOWN   |
|  | Configuration Messages  |   |
|  | System Configuration:<br>Windows Server 2008<br>Service Pack 2<br>Microsoft .NET Framework:<br>version 2.0.50727.4016<br>version 3.0.30729.4037<br>version 3.5.30729.01<br>Microsoft Windows SharePoir<br>Information Server Prerequisi<br>The WEBDAV module is not in<br>Information Server Prerequisi | nt Services version 3.0 has been detected<br>te check has started.<br>Installed.<br>te check is complete. |
|  |   |   |

FIGURE 1: CONFIGURATION MESSAGE SHOWING THAT THE WEBDAV MODULE IS NOT INSTALLED

| Message Detail  | View  |  | and the second se | _0>                 |
|---|---|--|---|---------------------|
| Date:   | 4/20/2011   | Time:  | 2:55:13 PM  |                     |
| User Name:  | Administrator   |  |   | •                   |
| Product Name:   | Wonderware In   | formation Se   | rver  | T                   |
| Feature Name:   | Information Ser   | ver  |   |                     |
| Action:   | Manually install<br>You can downl<br>1."www.wonde   | the WEBD/<br>oad it from fo<br>rware.com/                            | W module.<br>Illowing links.<br>WIS/webDAVx86" For 32 Bit Win   | ndows               |
| Message:  | The WEBDAV  | module is no   | t installed.  |                     |
| Message Details:  |   |  |   |                     |
| The WEBDAV mo<br>the WEBDAV mo<br>You can downloa<br>1. "www.wonderw<br>2. "www.wonderw<br>After installing the<br>the WEBDAV fea | odule is not installe<br>dule.<br>d it from following<br>are.com/WIS/we<br>are.com/WIS/we<br>WEBDAV the use<br>ture.] | ed. The Proc<br>links.<br>bDAVx86" F<br>bDAVx64" F<br>er has to re-c | ess Graphics feature will not work<br>or 32 Bit Windows Vista/2008<br>or 64 Bit Windows Vista/2008<br>configure the Information Server fe   | k until you install |

FIGURE 2: DETAILED MESSAGE PROVIDES THE LOCATIONS FROM WHICH YOU CAN INSTALL WEBDAV

| Service Pack 2<br>Microsoft .NET Framework:<br>version 2.0.50727.4016<br>version 3.0.30729.4037<br>version 3.5.30729.01<br>Microsoft Windows SharePoint Services version 3.0 has<br>Information Server Prerequisite check has started.<br>The WebDAV module is not enabled.<br>Information Server Prerequisite check is complete.   | s been dete | octed |
|---|-------------|-------|
| Microsoft .NET Framework:<br>version 2.0.50727.4016<br>version 3.0.30729.4037<br>version 3.5.30729.01<br>Microsoft Windows SharePoint Services version 3.0 has<br>Information Server Prerequisite check has started.<br>The WebDAV module is not enabled.<br>Information Server Prerequisite check is complete.   | s been dete | octed |
| version 2.0.50727.4016<br>version 3.0.30729.4037<br>version 3.5.30729.01<br>Microsoft Windows SharePoint Services version 3.0 has<br>Information Server Prerequisite check has started.<br>The WebDAV module is not enabled.<br>Information Server Prerequisite check is complete.  | s been dete | octed |
| version 3.0.30729.4037<br>version 3.5.30729.01<br>Microsoft Windows SharePoint Services version 3.0 has<br>Information Server Prerequisite check has started.<br>The WebDAV module is not enabled.<br>Information Server Prerequisite check is complete.  | s been dete | octed |
| Version 3.5.30/29.01<br>Microsoft Windows SharePoint Services version 3.0 has<br>Information Server Prerequisite check has started.<br>The WebDAV module is not enabled.<br>Information Server Prerequisite check is complete.  | s been dete | ected |
| Information Server Prerequisite check has started.<br>The WebDAV module is not enabled.<br>Information Server Prerequisite check is complete.   | s been dete | cted  |
| The WebDAV module is not enabled.   |             |       |
| nformation Server Prerequisite check is complete.   |             |       |
| the set of |             |       |
| and the second  |             |       |
|   |             |       |
|   |             |       |

FIGURE 3: CONFIGURATION MESSAGE SHOWING THAT THE WEBDAV MODULE IS NOT ENABLED



FIGURE 4: DETAILED MESSAGE SHOWING THAT THE WEBDAV MODULE IS NOT ENABLED, AND INSTRUCTIOINS TO ENABLE IT USING IIS

# Procedure

You must install and enable WebDAV on the WIS Server.

#### To install the WebDAV module

- 1. Download the appropriate WebDAV Module (7.5 for IIS 7.0) using the following links :
- For 32-bit Windows 2008
  - Update for 32-bit Windows
- For 64-bit Windows 2008
  - Update for 64-bit Windows
- 2. After you begin the installation, accept the License Agreement, then click Install.



FIGURE 5: WEBDAV LICENSE AGREEMENT

3. No configuration is necessary. Click **Next** when the Extension is installed.

| 🔀 Microsoft WebDAV     | Extension For IIS 7.0 Setup                          |         |
|------------------------|--|---------|
| Installing Microso     | oft WebDAV Extension For IIS 7.0                     | DAV     |
| Please wait while 7.0. | the Setup Wizard installs Microsoft WebDAV Extension | For IIS |
| Status: Copying        | a new files  |         |
|                        |  |         |
|                        |  |         |
|                        |  |         |
|                        | Back Next  | Cancel  |

FIGURE 6: INSTALLATION PROGRESS

4. When the installation is finished, click Finish (Figure 7 below).



FIGURE 7: INSTALLATION IS COMPLETED

5. Reboot the machine.

#### To enable WebDAV

There are two ways to enable WebDAV.

• You can run the Configuration again from WIS by clicking the Configure button (Figure 8 below).

| - @ Wonderware Historian   |  |  |
|--|--|--|
| - @ Historian Server   | - Web Configuration  |  |
| Wonderware Information Server Information Server ActiveFactory Reporting | Virtual Folder Name  | Wonderware   |
|  | Database Configuration   |  |
| ArchestrA Reporting MultiViews   | Server   | SERVER1  |
| Sample Content   | Authentication Mode  | ♥ Windows ○ SQL  |
|  | User Name  | SERVER1\Administrator  |
|  | Password   |  |
|  | Application Account  |  |
|  | User Name  | SERVER1\Administrator  |
|  | Password   |  |
|  | Confirm Password   |  |
|  | License Status   |  |
|  | Server License   | ACQUIRED   |
|  | Write Enable License   | ACQUIRED   |
|  | Configuration Messages   |  |
|  | Authentication flags of "Wond<br>Authentication flags of "SvSQ<br>Authentication flags of "SDSM<br>Authentication flags of "AADat<br>Authentication flags of "AADat<br>Authentication flags of "Script<br>"SVAppPool" Application Pool<br>Configuration State of ASP. NI<br>Configuration state of Web Se<br>Validation of feature of Web Se<br>Validating license status for "<br>License acquired for feature "<br>Validating license status for "<br>License acquired for feature "<br>Validating license Status for "<br>License acquired for feature" | erware" virtual directory are properly set.<br>LProvider" virtual directory are properly set.<br>lanager" virtual directory are properly set.<br>lasVet" virtual directory are properly set.<br>s" virtual directory are properly set.<br>properties are properly set.<br>ET is enabled.<br>rver Extensions is properly set.<br>tion is complete.<br>SVoyager_Portal" feature.<br>SVoyager_Portal".<br>SVoyager_WriteEnable" feature.<br>SVoyager_WriteEnable".<br>base detected on this computer. |

FIGURE 8: ENABLE WEBDAV USING WIS CONFIGURATOR

- You can use the IIS Manager
- 1. Open the IIS Manager.



FIGURE 9: IIS MANAGER WINDOW

2. Expand the Server Root and click Default Web Sites.



FIGURE 10: DEFAULT WEB SITE CONFIGURATION PANEL

- 3. Double-click WebDAV Authoring Rules in the center panel.
- 4. In the Actions panel (at the right), click Enable WebDAV.



#### FIGURE 11: ENABLE WEBDAV

### References

- WDN Article: Release Summary Wonderware Information Server 4.0 with SP1 (WDN Registration required)
- Tech Note 731: Installing and Enabling .NET 3.5 SP1 on Windows Server 2008 R2

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