Tech Note 524

Resolving the "URL cannot be resolved or accessed or does not reference an XML document" Error in Wonderware® Information Server

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Introduction

This technote provides recommendations to resolve the error message **URL cannot be resolved or accessed or does not reference an XML document**. The message may appear when users click **ActiveFactory/Reports** from the WIS 3.0 Launch Pad.



Figure 1: URL and XML Reference Error

Application Versions

• Wonderware Application Server (WIS) 3.0

Symptoms

Symptoms range from file corruption to incorrect security settings. Any of the conditions cause the general error message to appear. Summary recommendations and links to their details appear below.

• Enable Anonymous Access for the AFWeb site

- Allow Full Access to the AFWeb/Language Folder
- Replace the Corrupted ReportParameters.xml File
- Restore Missing IE Settings
- Ensure the Websites Named Wonderware and AFWeb are Configured Properly for ASP.NET 2.0.50727
- Anonymous Password for the AFWeb Website May be Incorrect
- RWSInfo.xml Does Not Have the Correct Settings for the AFWeb Website
- AFWeb is not Excluded from Sharepoint Managed Paths

Recommended Solutions

Enable Anonymous Access for the AFWeb Site

1. Click Start/Run and type inetmgr to start Internet Information Services (IIS Manager).



Figure 2: Run Inetmgr

- 2. Click **OK**, and expand your local computer icon.
- 3. Expand Web Sites, then Default Web Site.
- 4. Right-click the **AFWeb** icon and select **Properties**.



Figure 3: Access AFWeb Properties

5. Click the **Directory Security** tab and click **Edit** for **Authentication and access control**.



Figure 4: Edit Authentication and Access Control

6. Check the Enable anonymous access option and save/close the Properties window.

Authentication Me	thods	×
Enable gnony Use the following	Nous access	anonymous access:
User name:	IUSR_VPC_CHRISA	Browse
Password:	•••••	
- Authenticated ac	ess	
For the following are required whe - anonym - access	authentication methods, us " ous access is disabled, or s restricted using NTFS acc	er name and password
Integrated W	ndows authentication	
Digest author	tication for Windows domai	n servers
.NET Passpor	authentication	cloar (exc)
Default domain		Select
Bealm:		Sglect
0	Cancel	Help

Figure 5: Enable Anonymous Access

Allow Full Access to the AFWeb/Language Folder

- 1. Open Windows Explorer and browse to C:\Inetpub\wwwroot\AFWeb.
- 2. Right click on the folder Language and select **Properties**.

🗀 C:\Inetpu	b\www.root\AFWeb	
Ele Edit	Vew Favorites Tools	Help
🔾 Back + (🔿 - 🍠 🔎 Search 🌔	Folders 🙀
Address 🗀	C:(Inetpub/ywww.root(AFWeb	
Name -		8
C)Bin		
Graphics		
Chelp	_	
Elanguage	Onen	
Output	Spen	
StyleSte	Cauch	
💁 aaAFAn	Sgaron	5143
aaBaseF	Sharing and Security	523
💁 aaFlext.i 🗌	field To b	1,5221
💁 aaFlext.i _	Selfa to	463
Dshhee 🙋	Cug.	2341
D:teHee 🙋	⊆opy	2,4341
DtaHee 🙋	Canada Chasta A	306 8
DteHee 🙋	Creace proricol	1261
D:teHee	Foers	2,4581
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DteHee	Properties	382 (
aaHist Cliff	u u u u u u u u u u u u u u u u u u u	1388
aahistCler	ntTrendControl.dl	5343
aaHistCler	ntTrendObject.dll	2,010 8
aaHistClier	ntut.dli	982.8

Figure 6: Language Folder Properties

3. Click the **Security** tab.

Language Properties		<u>? ×</u>
General Sharing Security Web	Sharing Custo	mize
Group or user names:		
Administrators (VPC_CHRISA	(Administrators)	
IIS_WPG (VPC_CHRISAVIS	_WPG)	
SYSTEM	_UHRISAVIUSH	VPC_CHHISAJ
Users (VPC_CHRISAVUsers)		
	A <u>d</u> d	Remove
Permissions for Administrators	Allow	Deny
Full Control	8	
Modify	~	
List Folder Contents		
Read	2	H H
Write	5	- 티 등
Cassial Doministra		
For special permissions or for advar click Advanced.	nced settings,	Advanced
OK	Cancel	Apply

Figure 7: Security Settings for Everyone

4. Add the user **Everyone** and click **Allow** for the **Full Control** Administrators permissions.

Language Properties		<u>? ×</u>
General Sharing Security Web	Sharing Custor	mize
Group or user names:		
Administrators (VPC_CHRISA	(Administrators)	-
🗊 Everyone		
IIS_WPG (VPC_CHRISAVIS)	_WPG)	
Internet Guest Account (VPC)	_CHRISAVUSR_	VPC_CHRIS
5YSTEM		-
•		
	Add	<u>R</u> emove
Permissions for Everyone	Allow	Deny
Full Control		
Modify		
Read & Execute	$\mathbf{\nabla}$	
List Folder Contents		
Read		
Write		
Consid Domissions		
For special permissions or for adva click Advanced.	nced settings,	Adyanced
OK	Cancel	Apply

Figure 8: Everyone User Permissions

5. Save the settings and close the **Properties** dialog box.

Replace the Corrupted ReportParameters.xml File

The ReportParameters.xml file contains the complete tree structure for your published reports. This file is not dynamically recreated by the system, so as a result of file corruption, users may find that they no longer have access to reports that have already been published.

You can confirm the **ReportParameters.xml** file is corrupt by completing the following steps. When the file is corrupt you must replace and rebuild the file to match your current parameters structure.

To confirm the corrputed file

1. Open the **ReportParameters.xml** file using Internet Explorer.

	Open Edit	
Ope Se <u>n</u> Cu <u>t</u> <u>C</u> op	Open Wit <u>h</u>	XML Editor
	Send To	Microsoft Visual Studio 2005
	Cut <u>C</u> opy	Internet Explorer
	Create ≦hortcut Delete Rename	⊊hoose Program
	Properties	

Figure 9: Open ReportParameters.xml Using Internet Explorer

2. Click Allow blocked content to allow Internet Explorer to compile the XML page.



Figure 10: Allow Blocked Content

3. If you see the Warning icon (Figure 11 below) on the bottom left corner of the frame, the **ReportParameters.xml** file is corrupted.



Figure 11: Corrupted File Warning Indicator

To replace and rebuild the corrupted file

- 1. Open Windows Explorer and browse to C:\Inetpub\wwwroot\AFWeb.
- 2. Copy the original ReportParameters.xml file from the WIS installation CD root at **\\AFWeb \Reportparameters.xml**.
- 3. Make sure the **Read Only** option is blank (Figure 12 below).



Figure 12: ReportParameters.xml File Properties

 Contact Wonderware Tech Support to rebuild the file in order to match your current report structure. Rebuilding the ReportParameters.xml requires the use of a utility (Report Manager) developed by technical support.

Restore Missing IE Settings

With Terminal Services, it is possible to launch Internet Explorer with a user that has never logged in as an interactive user.

• Ensure all IE settings and registry entries are configured by physically logging into the machine at least once.

Ensure the Websites Named "Wonderware" and "AFWeb" are Configured Properly for ASP.NET 2.0.50727

- 1. Follow steps to Enable Anonymous Access 1-4 above.
- 2. Click on the **ASP.NET** Tab and change the ASP.NET version to **2.0.50727**.



Figure 13: ASP.Net Version

3. Repeat the same steps for the **Wonderware** website.

Anonymous Password for the AFWeb Website May be Incorrect

When the password for anonymous login is not correct, a login failure results.

• Change the anonymous user in step 6 (above) to a local administrator or enter the correct password for **IUSR_xxx**.

RWSInfo.xml Does Not Have the Correct Settings for the AFWeb Website

- 1. Go to C:\Inetpub\wwwroot\Wonderware\Applications\HistClientReportingSite, and open the RWSinfo.xml file using Notepad.
- 2. Make sure the fields RWSNodeName and RWSSiteName values are correct.



Figure 14: RWSNodeName and RWSSiteName Values

AFWeb is not Excluded from Sharepoint Managed Paths

Refer to Technote 453 Configuring Windows SharePoint Services for PEM v1.0 to Work with SuiteVoyager v2.6 and add AFWeb to the Excluded Paths list.

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