

OrgPublisher Web Administration Guide for Windows Server 2008R2



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Introduction

The purpose of this document is to provide the information needed to successfully install OrgPublisher Web Administration on a Windows 2008 R2 Server.

Role Requirements for Installation

- This installation must be completed by an administrator on the Web Server.
- <u>Creation of the Global Group</u> (**OPWeb_GG**) on the Domain Controller must be completed by an administrator on the Domain Controller.

Prerequisites for Installation

- You must have a valid license key to activate the current version of OrgPublisher.
- If upgrading from a previous version of OrgPublisher, review the OrgPublisher Upgrade Considerations Guide found on the Web site.
- Confirm the server meets all Web Administration Server requirements noted in the System Requirements section of the Web site.
- Verify the type of server where OrgPublisher Web Administration will be installed. This installation guide should only be used for installations of OrgPublisher Web Administration on Windows Server 2008 R2.
 - To confirm the server types, go to the System folder in the Control Panel.

Control Panel Home	View basic information about your computer
🛞 Device Manager	Windows edition
Remote settings	Windows Server 2008 R2 Enterprise
	Convright @ 2009 Microsoft Corporation All rights reserved

Figure 1.

• Complete the setup of the Global Group (**OPWeb_GG**) described in Configuring Groups.

The administrator on the server must request that the administrator on the Domain Controller create the Global Group (**OPWeb_GG**).



Installing IIS7 on Server 2008 R2

About IIS7

- Installing IIS on your Windows server is a prerequisite for installing OrgPublisher.
- When using the Add Roles and features Wizard to install IIS, you get the default installation, which has a minimum set of role services.
- Additional IIS role services are required for the OrgPublisher Web Administration installation (described in Step 6 below).

Installing IIS7

- 1. Access the Server Manager.
- 2. Scroll down to Roles Summary.

Get an overview of the status of	tis server, perform top management tasks, and add or remove	server roles and features.
Carl Racinetti April Carl	ла прова в ного с св	
IE Enhanced Security Configuration (ESC);	Off for Administrators Off for Users	
Roles Summary		Roles Summary Help
Roles: 2 of 17 installed		- Go to Roles
Mie Services		Add Roles



- 3. Click Add Roles. The Add Roles Wizard opens.
- 4. Select Before You Begin and verify that:
 - The administrator account has a strong password
 - The network settings, such as IP addresses, are configured
 - The latest security updates from Windows® Update are installed Click Next.
- 5. In the left pane, select **Server Roles**, and select the **Web Server(IIS)** check box.



Figure 3.

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The Introduction to Web Server (IIS) dialog opens with links for additional information.



Figure 4.

Click Next.

- 6. In the left pane, click **Role Services** and select the IIS role services noted below. Under Application Development select:
 - ISAPI Extensions
 - ISAPI Filters

Under Security select:

- Windows Authentication



Figure 5.

Click Next. The Confirm Installation Selections dialog opens.

Application Terrefugurent ISAPE Exercision ISAPE Foreiron ISABIN of togenation Inf TP Logand Request Nettor De Company Authenticities Incyster Referring	
Part, ensel, o save liss riformation CPrevious (Previous) (Previous)	Instal Carcel

Figure 6.

7. Click Install.

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When the installation is complete, the Installation results dialog opens.

Figure 7.

- 8. Verify that the installation was successful and click Close.
- 9. Confirm that the Web server works by opening Internet Explorer and typing http://localhost. Your browser displays the following image.







Configuring Groups

The following groups are required to set up access to OrgPublisher Web Administration.

Note: The **OPWeb_GG** group must be created by an administrator on the Domain Controller.

Creating a Group on the Domain Controller

- 1. Create a Global Group title **OPweb_GG**.
- 2. Add the OrgPublisher Chart Administrator Users to the global group.





Creating a Group on the Web Server

Note: The **OPWeb_LG** must be created by an administrator on the server, and must be completed **before** moving on with the installation.

Create the Local Group, OPWeb_LG:

- 1. Click Start>All Programs>Administrative Tools>Computer Management.
- 2. In the Computer Management dialog, expand Local Users and Groups.
- 3. Select the Groups folder.
- 4. In the Action menu, select New Group.

File	Action View H	qlei	
(* =	New Group		
100	Refresh Export List	(Local)	Name Ad
8	Help		A Bac
	Shared Folder	s d Groupe	A CO
-	Users .	o oropo	an Dis

Figure 10.



- 5. In the New Group dialog, type **OPWeb_LG** in the **Group Name** field.
- 6. Click Add and select the Domain Global Group, (OPWeb_GG) group. Click OK.
- 7. In the New Group dialog, select **Create**. The **OPWeb_LG** appears in the list of **Local Groups**.



Figure 11.



Installing OrgPublisher Web Administration

- 1. Launch the OrgPublisher installation program and advance to the Activation Information dialog.
- 2. Enter your License Key and Registered Company Name. Click Next.



Figure 12.

Note: We recommend that you use the copy and paste method to input this information exactly as it appears in your license key information to avoid invalid key errors.

The Welcome dialog opens. Click next.

- 3. The License Agreement dialog opens. Read the agreement and click **Agree**. The Registration Information dialog opens.
- 4. Type the **Registered user's full name** and the **Registered user's company name**. Click Next.

The Custom Installation Option dialog opens.

5. Select OrgPublisher Custom Install and click Next.



Figure 13.

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The Select Web Administration Destination Directory dialog opens.

6. Type**\opweb** at the end of the **c:\inetpub\wwwroot** file name.

Note: Verify that the Web Administration destination directory path reads **c:\inetpub\wwwroot**. If this path is incorrect, OrgPublisher displays an error message when launching Web Administration.



Figure 14.

Click Next. The Enter the Web Administration URL dialog opens.

7. Type **/opweb** at the end of the server name, **HTTP://ServerName**.

Note: Verify that the Web Administration URL reads

HTTP://ServerName/opweb. The **ServerName** is the name of the server where OrgPublisher is installed. The URL entered here is a virtual path that points to the physical path entered in the previous step.

If you decide to use a different path in step 6, make sure the URL in step 7 matches. If this path is not entered correctly, OrgPublisher displays an error message when launching Web Administration.

HTTP://ServerName/on/in-	
--------------------------	--

Figure 15.

Click Next. The Select Destination Directory dialog opens.

8. Confirm the location, C:\Program Files (x86)\OrgPubX.



Click Next. The application installation begins. When the installation is complete, the Installation Completed dialog opens.

9. Select Launch OrgPublisher now to create a DCOM entry. The other item selections are optional.



Figure 16.

Note: Launching OrgPublisher is required to create the DCOM entry which is needed later in the OrgPublisher Web Administration installation.

Click Finish. The OrgPublisher application opens.

- 10. Close OrgPublisher.
- 11. Browse to the Web Administration destination directory path,

c:\inetpub\wwwroot\opweb, entered in step 6 above.

The following folders and files are created in the Web Administration installation:

- ArchivedCharts folder
- PublishedCharts folder
- SearchDictionary folder
- SourceCharts folder
- OPAdmin.htm
- OPAdmin.js
- OPAdmin.opw
- Remoteserver.dll







Setting NTFS Permissions for opweb

- 1. Navigate to C:\inetpub\wwwroot.
- 2. Right-click on the **opweb** folder and select **Properties**.
- 3. Select the Security tab.
- 4. Click Edit. The Permissions for opweb dialog opens.
- 5. Click **Add**. The Select Users, Computers, Service Accounts, or Groups dialog opens.
- 6. Click Locations. The locations dialog opens.
- 7. Change the **Location** to **Server**.

Everyone	Select Users, Computers, Service Accounts, or Groups	La La
CREATOR OWNER	Select this coect type: Users or Groups	Object Types
Administrators (SUP-2008R2/Administra Users (SUP-2008R2) June 1	(n) From this location	
Complete Street Count	Domain	Locations
micians for Everyone A	Select the boston you want to march Location Advanced.	



Click OK.

8. In the Select Users, Computers, Service Accounts, or groups dialog, click **Advanced**. The Select users or groups dialog refreshes to present new options.

Net Durn or Group	•	1 X 19	
Select this object type:			
Users, Groups, or Built-	in security principals	Object Types	
from this location:			
SUP-2008R2	Select Users or Groups		1
when the object mamer	Select this object type:		
	Users, Groups, or Built-in security principa	sla	Object Types
	From this location		
	SUP-200892		Locations
Advarced for	Common Queries		
	Naver State with *		-: Christ
			- Find Name
	nunction lighter mite -1		
	Dualied scoparts		- Setter 24
	To state econo paresea		-0-
	Daya aree lait logat		71
	-		OK Cancel

Figure 19.

9. Click Find Now.

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- 10. Select the following groups from the search results:
 - Local **Administrators** group
 - OPWeb_LG
 - Network Service

Select this object type:	
Users, Groups, or Built-in security principals	Object Types.
rom this location:	
SUP-2008R2	Locations
inter the object names to select (examples):	
inter the object names to select (<u>examples</u>) SUP-2003R2\Administrators: NETWORK SERVICE :	Check Names
inter the object names to select (<u>examples</u>): SUP-2008R2VAdministrators : NETWORK SERVICE : SUP-2008R2VOPWeb_LG	Check Names



Click OK to add the groups.

- 11. Set the following NTFS permissions:
 - Local Administrators group Full Control
 - OPWeb_LG Modify
 - Network Service Read and Execute

Set NTFS Permissions for SourceCharts

- 1. Navigate to the C:\inetpub\wwwroot\opweb.
- 2. Right-click on the **SourceCharts** folder and select **Properties**.
- 3. Repeat steps 3 11 in the <u>Set NTFS Permissions for opweb</u> procedure, including the group permissions.
- 4. Remove the Everyone group in the SourceCharts folder.

Set NTFS Permissions for ArchivedCharts

- 1. Navigate to C:\inetpub\wwwroot\opweb.
- 2. Right-click on the ArchivedCharts folder and select Properties.
- 3. Repeat steps 3 11 in the <u>Set NTFS Permissions for opweb</u> procedure, including the group permissions.
- 4. Remove the Everyone group in the ArchivedCharts folder.

Set NTFS Permissions for SearchDictionary

- 1. Navigate to C:\inetpub\wwwroot\opweb.
- 2. Right-click on the SearchDictionary folder and select Properties.
- 3. Repeat steps 3 11 in the <u>Set NTFS Permissions for opweb</u> procedure, including the group permissions.
- 4. Remove the Everyone group in the SearchDictionary folder.



Set NTFS Permissions for PublishedCharts

- 1. Navigate to C:\inetpub\wwwroot\opweb.
- 2. Right-click on the PublishedCharts folder and select Properties.
- 3. Repeat steps 3 11 in the <u>Set NTFS Permissions for opweb</u> procedure.
- 4. Select the following groups from the search results:
 - Local Administrators group
 - OPWeb_LG
 - Network Service
 - Users group

Click OK to add groups.

- 5. Set the following permissions for the groups:
 - Local Administrators group Full Control
 - OPWeb_LG Modify
 - Network Service Read and Execute
 - Users group **Read and Execute**

Note: You are not required to remove the **Everyone** group from the **PublishedCharts** folder. However, if you choose to keep the group, you must remove **Write** permissions, if enabled. The **Everyone** group can retain **Read and Execute** permissions in this folder.

OrgPublisher

WebAdmin **NTFS Rights** Here in the Windows Web PublishedCharts Modify Windows Administration folder, normal users Domain Server with IIS should be able to read and Full Control OPWeb_LG users C:\inetpub\ should be able to www.rooth modify. OPWeb* 5 Administrators by Read (10 default have full Modify (8) control. PublishedCharts 3 1 Full 0 1 3 Control GLOBAL GROUP OPWeb_GG Here in the SourceCharts folder, Web LG This folder is created Modify OPWeb_LG users defined during installation. (inherited) 0 should be able to modify. When modifying rights Full Contro to this folder, you should remove inheritable rights so that the group Everyone Administrators by (inherited) default have full LOCAL GROUN Admir control. does not end up with Full Control SourceCharts DIAGRAM NOTES REDIRECT NOTES: For security reasons, some users will want to publish different charts to different URLs. To 1. Create a global group on a Domain computer. accommodate this, we allow users to create alternate destination directories for publishing. 2. Add chart administrators to the global group. 3. Create a local group on the Web server. An ini file (RemoteServer.ini) may exist on the Web server. 4. Add the global group from Step 1 to the local group. This file will use the standard ini file format and may contain a section named [PublishFolders]. Each item in this 5. Add the local group created in Step 3 to the OPWeb folder. section will describe a publishing destination directory in the format http://DestinationUrl=c:\inetpub\wwwroot\ 6. Add the Administrators group to the OPWeb folder. 7. Grant Full Control permissions to the Administrator's group. MyFolder. 8. Grant Modify permissions to the local group. When alternate publishing directories are defined, the 9. Add the Users group to the PublishedCharts folder. Publishing Wizard will display a combo box allowing the 10. Grant Read permissions to the Users group, revoking all other user to access to any one of the alternate publishing URLs. permissions



Figure 21.



Configuring Internet Information Services (IIS7)

Create the OrgPublisher Application Pool

- 1. Click Start, All Programs, and Administrative Tools.
- 2. Select Internet Information Services (IIS) Manager.
- Click the plus (+) sign next to your server name to display Application Pools and Sites.
- 4. Right-click on Application Pools and select Add Application Pool.



Figure 22.

The Add Application Pool dialog opens.

5. Type OrgPublisher in the Name field.

Add Applic	ation	Pool			? X
Name:					
OrgPublis	her				
.NET Fran	nework	version:			
.NET Fra	mework	v2.0.507	727		*
Managed	pipeline	e mode:			
Integrate	ed	-			
I⊽ Start	applicat	tion pool ii OK	mmediate	ely Cancel	

Figure 23.

Click OK. The Application Pools window opens.

6. Right-click on **OrgPublisher** in the **Name** column, and select **Set Application Pool Defaults**.

3	Add Application Pool	
	Set Application Pool Def	aults
Þ	Start	0
	Stop	

Figure 24.

The Advanced Settings dialog opens.

7. In the General section, set Enable 32-bit Applications to True.

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dvanced Settings		? ×
🖯 (General)		
.NET Framework Version	v2.0	
Enable 32-Bit Applications	True	
Managed Pipeline Mode	Integrated	
Name	DefaultAppPool	
Queue Length	1000	
Start Automatically	True	

Figure 25.

Click OK. The Application Pools window reopens.

- 8. In the **Connections** pane on the left, expand **Sites** then expand **Default Web Site**.
- 9. Right-click the opweb virtual folder, and select Convert to Application.



Figure 26.

The Add Application dialog opens.

- 10. Click Select. The Select Application Pool dialog opens.
- 11. Change the Application pool to OrgPublisher.

dd Application	_	<u> 9 x</u>	
Site name: Default Web Si Path: /	te		
Alas:	Application pool:		
opweb	DefaultAppPool	Select	
Example: sales Physical path:		Select Application Pool	2 8
C-linetpublymmercotlicpmeb	(and)	Application pool:	
Pass-through authentication		Orghubisher	
Connect as Test Setts	ngs	Properties:	

Figure 27.

Click OK. Click OK again to close the Add Application pool dialog. The **Connections** pane in the Application Pools window displays the opweb application.



Setting Up ISAPI Extensions in IIS

- 1. In the **Connections** pane of the Application Pools window, select your server.
- 2. In your server Home window, double-click ISAPI and CGI Restrictions.



Figure 28.

3. The ISAPI and CGI Restrictions window opens. In the **Actions** pane on the right side, click **Edit Feature Settings**.

-	and cot De	- Andrews	Actions
ISAPI	and CGI Re	strictions	Add
se this feature to	specify the ISAPI ar	nd CGI extensions that can run on the Web server.	Edit Englure Settings
Group by: No Gro	suping +		0
Description +	Restriction	Path	Online Help
WebAdmin Server WebDAV	Allowed Allowed	C: Ynetpublywwroot japwebl RemoteServer. dl C: Windows jaystem 32 jinetar v jwebdau. dl	



The Edit ISAPI and CGI Restrictions Settings dialog opens.

4. Select Allow unspecified ISAPI modules.



Figure 30.

Click OK.

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Setting Up Handler Mappings in IIS

- 1. In the **Connections** pane of your Home window, select your server name.
- 2. Double-click Handler Mappings in the IIS section in the center pane.

depend Information Services	(III) Maraken									
C3 1 + 5.P-20092 4										
Terr 1985	10									
100000 1001 (190	SU SU	P-2008R2	Home							
CARGONIA CONTRACTOR	reu:			Star AL. 1	intelle: Ave	2回-				
CARRENTON (2 115									
Dafait Web Sta	Advertiser	3	0 Defait	interior de la companya de la compan	Error Faques	Handar Contra	Balt and Cit. Balt Fibers	Lingers	jte ron tan	the state
2.7 10-1	Odgađ Calineg	2 Legant Fitotog	Sever Cerifican	and a						
	Hanaperre	-								
	Carlquestee	Fast or	Savel Conformation							

Figure 31.

The Handler Mappings window opens.

3. If the **ISAPI-dll** handler is in the **Disabled** list, right-click on **ISAPI-dll** and select **Edit Feature Permissions**.

Group by: State	*				
Nane =	Path.	State	Fath Type	Hondier	Entry Type
Disabled					
19491- 4	*.8	Disabled	File	log/Module	Add Managed Handler
tnabled					Add Soript Map
OFTIONSVerbrander		Enabled	Unspecified	ProtocolSupportModule	Add Wildcard Script Map
TRACEVerbrandler		Enabled	Unspecified	Protocol5upportModule	Add Module Mapping
Staticfile		Enabled	File or Folder	StaticPileModule, Default	Edition
					Rename
					Look
					× Remove
					Edit Feature Permissions
					View Ordered List



The Edit Feature Permissions dialog opens.

4. Select **Execute** and click OK.

File View Help										
Versections Q □ 10 St. V Stat Page SUP-20082 (TV DOPU)(seal) □ Application Pools 0 State	Handler Map	Hendler Mappings Use this feature to specify the resources, such as DLSs and managed code. But handle responses for specific request types.								
	Group by: State	8		10		11.1				
E 🕒 Ewlauk Web Ske	Name -	Path	5.4x	Path Type	Hander	Erry Typ				
e oranget e ora 20 9 speed	OFTENDENschlander TRACTunstender Statuffe Blatt dit		Disbled Disbled Disbled Disbled	Unspecified Unspecified The or Fulder Person Personal Provider Provider Provider Provider Provider UP Societ	Protocological Photos Protocological Photos Sachifetto And Albocure.	Local Local Local Local				

Figure 33.

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The Handler Mappings window opens, displaying **ISAPI-dll** in the **Enabled** list.

Deternet beformalism fore	kirs (105) Hamaget						1414
GG 5+1900	•						- St. 10 +
754 Ten 146							
Convertiene No.+ (L) 11 19. No.+ (L) 12 19. No.+ (L) 12 19.	Handler May	ppings	La stal tograged code, 8	fuel francés recepciones f	to gath, regard type:		Add Managed Handler Add Social Handler
C. C	Group by: State	-				Canal Second	 Astitude Pepre
	Nov - Evabled	(net)	Tate	Path Tupe	nade	Trey Tape	Edit Produce Paramiting View Orderse(List
/	Circus Barra Antonia Circuste	14 14 1	Diabed Diabed Diabed Diabed Diabed	The Discontract Unique Next Discontract Discontractor	Cynda Isphda hdrofigorffela hdrofigorffela Sarferela (d'alforen	Local Local Local Local	0 me Color mile



Setting Up IIS Authentication

- 1. In the **Connections** pane, select the **opweb** virtual directory folder. The opweb Home window opens.
- 2. Double-click **Authentication** in the **IIS** section of the center pane.

Internet Information Services (119	5) Mailager											
() () S.P-20092 + 1	Skes + Default Web Ske +	laves +										
File View Help												
7.05 View Help Extractioner 4.15 Set Fage 5.15 S	/opweb Ho File: IS Discussion States	me Bill the x @ Defail Decement	Share Al [1]	Drog Taylor Arma Drog Pages	nacher Necercy	HII-	Loging	JPC HORE Topos	1 Nate	Qup A Caching	and Inpart Rang	
	Carlquiston Editor											



The Authentication window opens.

- 3. Right-click in the **Status** column to enable or disable authentication status, as noted below:
 - Anonymous Authentication Disabled
 - Windows Authentication Enabled



Figure 36.

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- 4. In the **Connections** pane, expand **opweb** and select the **SourceCharts** folder. The SourceCharts Home window opens in the center pane.
- 5. Double-click **Authentication** in the **IIS** section.



Figure 37.

The Authentication window opens in the center pane.

- 6. Right-click in the **Status** column to enable or disable authentication status, as noted below:
 - Anonymous Authentication Disabled
 - Windows Authentication Enabled

Authentication		
Group by: No Grouping		
Name 🗠	Status	Response Type
Anonymous Authentication	Disabled	
Windows Authentication	Enabled	HTTP 401 Challenge



- 7. In the **Connections** pane, select the **ArchivedCharts** folder under **opweb**.
- 8. Double-click Authentication in the IIS section.

Platenet Information Services (IIS)	Manager									
G G = + 509-2000R2 + 584	is + Default Web Site	openets Archaved	Dats +							
File View Help										
Connections Q.+ [] [2] [5].	Archive	edCharts Home								
III Start Page III Start Page	Piter	医额外 一	Sam Al 19	amp by Area		8.00+				
Applearan Pixols	LIS Corfigure	Coloradian Settings for	Film and spot	face Popes	Necky Mechys	etta Respi	Logang	HIPE Types	Roduks	CO mus
 Publike/Durts Sewt/Octooery Source/Darts 	SSL Settings									





- 9. Right-click in the **Status** column to enable or disable authentication status, as noted below:
 - Anonymous Authentication **Disabled**
 - Windows Authentication Enabled

Addrenucation		
Group by: No Grouping		
Nonie -	Status	Response Type
Anonymous Authentication	Dis-abled	
Windows Authentication	Enabled	HTTP 401 Challenge

Figure 40.

- 10. In the **Connections** pane, select the **SearchDictionary** folder under **opweb**.
- 11. Double-click **Authentication** in the **IIS** section.





- 12. Right-click in the **Status** column to enable or disable authentication status, as noted below:
 - Anonymous Authentication Disabled
 - Windows Authentication Enabled





- 13. In the **Connections** pane, select the **PublishedCharts** folder under **opweb**.
- 14. Double-click Authentication in the IIS section.



Figure 43.

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- 15. Right-click in the **Status** column to enable or disable authentication status, as noted below:
 - Anonymous Authentication **Disabled**
 - Windows Authentication Enabled



Figure 44.

Setting the MIME Type

- 1. In the **Connections** pane, select **opweb**.
- 2. Double-click on **MIME Types** in the **IIS** section. The MIME Types window opens.





- 3. In the Actions pane on the right, click Add. The Add MIME Type dialog opens.
- 4. Type .ocp in the File name extension field.

Billisteenet Information Services (175)	Phonogen				. ICIX
(C) (2 + 3UP-2000R2 + 5k	es 🔸 Default Web Sta	• openb •			10 - 19 10 ·
File View Help					
Connections 0 - 1 10 10 Sart Page Sart Page Apple Atom Pools 2 Page	Due this feature to a static files by the W	Types nanage the list of file name of the server.	o densions	and associated content types that are served as	Actions Add P Heb Critine Heb
Active Constant Web Ste Constant Ste Constant Ste Constant Ste SourceCharts	Enterview - 223 323 307 444 444 444 444 444 444 444 4	MRM Type text/h323 application/ochet-st application/imaccess application/imaccess application/imaccess application/imaccess application/imaccess application/imaccess application/imaccess application/imaccess application/imaccess application/imaccess application/imaccess application/imaccess	Entry 1 Diherto Diherto Diherto Diherto Diherto Diherto Diherto Diherto	Pile name extension: [-org MDH: type: [application/orga/data/wa] OK Cano	

Figure 46.

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- 5. Type application/orgpublisher in the MIME type field. Click OK.
- 6. In the **Connections** pane, click on the **PublishedCharts** folder under **opweb**.
- 7. Double-click **MIME Types** in the **IIS** section. The MIME Type window opens.

lanager			
s 🕨 Default Web Site	opweb PublishedCh	arts 🕨	
Use this feature to r static files by the W	Types nanage the list of file name e	xtensions and associ	ated content types that are serv
Group by: No Gro	iping 🗄		
Extension +	MIME Type	Entry Type	
.rws	message/rfc822	Inherited	
.ocp	and called in the	NAME AND ADDRESS OF TAXABLE PARTY.	
	abbecacion/orgporent	Inherited	
.OCX	application/octet-st	Inherited	

Figure 47.

8. Confirm the .ocp appears in the **MIME Type** list. If it is not in the list, repeat steps 3 – 5 to enable the .ocp **MIME Type** in the **PublishedCharts** folder.



Setting Up DCOM Permissions

Note: Start OrgPublisher from the server on which it is installed prior to establishing the DCOM setting. This action loads OrgPublisher into DCOM.

1. Click Start in the Task Bar and type mmc-32 in the open field. Click OK.

See more results			
mmc -32	×	Shut down	•

Figure 48.

2. In the Console window, select File then Add/Remove Snap-in.

-	Console1 - [Console Root]			
	File Action View Favorite	s Window Help		
4	New	Ctrl+N		
100	Open_	Ctrl+O		Actions
	Save	Ctrl+S	There are no items to show in this view	Console Root
	Save As.,		mere are no nems to show in ons new.	Mara Actio
	Add/Remove Snap-in_	Ctrl+M		more Action
	Options			



3. In the Add or Remove Snap-ins dialog, select **Component Services** from the list and click **Add**.

valable snap-ma:				Selected snap-ins:	
Snap-in h ActiveX Control	Vendor * Console Root M Moreadh Cor M Moreadh Cor	Edt Extensions			
Certificates	Microsoft Cor				Move Up
Device Manager	Microsoft Cor Microsoft Cor Microsoft and	Ш			Meve Down
Cvert Viewer	Microsoft Cor Microsoft Cor		-	1	
Decoup Posey Object Internet Information IP Security Monitor	Moreseft Cor Moreseft Cor				
S P Security Policy Ma Link to Web Address	Microsoft Cor				Advanced
enorption:					
Component Services (COM	+) management t	Jool.			

Figure 50.

Click OK. The Component Services window opens.

Note: Click Yes if you receive a CLSID Warning message.



4. In the left pane, expand Component Services, Computers, and My Computer. Select DCOM Config.





5. Right-click on OrgPublisher X Document and select Properties.



Figure 52.

Note: If you are upgrading from a previous OrgPublisher version, that version number is displayed. Set permissions on that DCOM entry.

The OrgPublisher X Document properties dialog opens.

6. Select the Security tab.

General	Location	Security	Endpoints	Identity	
Lau	inch and A	ctivation P	ermissions		
O	Use Defa	ult			
۲	Customize	,			Edit
	_				
Acc	ess Permi	ssions			
0	Use Defa	ult			
0	Customize	3			Edit.





7. In the Launch and Activation Permissions section, click Edit.

_				2	
Laur	nch and A	ctivation P	ermissions		
0	Use Defa	ult			
۲	Customize	е			Edit

Figure 54.

- 8. Click **Add** to open the Select Users, Computers, Service Accounts, or Groups dialog.
- 9. Click Locations to open the Locations dialog.
- 10. Change the Location to **Server**. Click OK.

select overs, computers, service Accounts, or Groups		
Select this object type	-	
a)	Object Types	
From this location:	Locations	
Fries the object on Locations		1
Select the location you want to search	-	
Location		
Server 0		_
Advanced.		
Advanced.		
	Select Pix object (por Pix the solitor) Domain Domain Erite the solitor to search Location Advanced. Domain	Select He object type: Den to toology Domain Domain Exter the object n Select the location you want to search Location Advanced Exter the object n Contain

Figure 55.

- 11. In the Select Users or groups dialog, click **Advanced**. The dialog refreshes to display additional options.
- 12. Click Find Now.





- 13. Add the following groups:
 - Local Administrators
 - Local Interactive
 - Local IIS_IUsers
 - Local Network
 - Local Network Services
 - Local Opweb_LG

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- Local System



Figure 57.

- 14. Click OK to add the groups.
- 15. Enable the following Launch and Activation Permissions:
 - Local Administrators Local Launch
 - Local Interactive Local Launch
 - Local IIS_IUsers Local Launch
 - Local Network Local Launch
 - Local Network Services Local Launch
 - Local OPWeb_LG All options
 - Local System Local Launch
- 16. Click OK to close the Launch and Activation Permissions dialog.
- 17. In the OrgPublisher X Document Properties dialog, click **Edit** in the **Access Permissions** section.

General	Location	Security	Endpoints	Identity	
Lau	inch and A	ctivation P ult	ermissions		
۲	Customize	•		Edit	
Acc	cess Permi	issions	-		
O	Use Defa	ult			
0	Customize	•		Edit	

Figure 58.

- 18. Click **Add** to open the Select Users, Computers, Service Accounts, or Groups dialog.
- 19. Click Locations to open the Locations dialog.
- 20. Change the Location to **Server**. Click OK.



Figure 59.

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- 21. In the Select Users or Groups dialog, click **Advanced**. The dialog refreshes to display additional options.
- 22. Click Find Now.

Select this object type.		and and a second se
Users, Groups, or Built-	n security principals	rent Tyran
From this location:		
SUF-2008R2	Select Users or Groups	3
Enter the object name:	Select this object type:	
	Users, Groups, or Built-in security principals	Object Types
	From this location:	
	SUP 2008R2	Locations
Advanced	Common Queries	
	Nerne Stats with 👻	Columna
	Description State with 💌	FindNow
	🖵 Deskiel accesses	Stop
	Non expring password.	

Figure 60.

- 23. Add the following groups:
 - Local Administrators
 - Local Interactive
 - Local IIS_IUsers
 - Local Network
 - Local Network Services
 - Local OPWeb_LG
 - Local System

	A CONTRACTOR OF THE OWNER
Select this object type:	
Users, Groups, or Built in security principals	Object Types
From this location	
SARABE6510	Locations
Enter the object names to select (examples)	
SARABE6510.Administrators, SARABE6510JIS, JUSRS, INTERACTIO NETWORK, NETWORK SERVICE, SARABE6510.0PWeb, LG, SYST	E Check Namer
Advanced	OK Cancel

Figure 61.

- 24. Click OK to add the groups.
- 25. Enable the following Access Permissions:
 - Local Administrators Local Access
 - Local Interactive Local Access
 - Local IIS_IUsers Local Access
 - Local Network Local Access
 - Local Network Services Local Access
 - Local Opweb_LG Both options
 - Local Systems Local Access
- 26. Click OK to close the Access Permissions dialog. Click OK again to close the OrgPublisher X Document dialog.

Testing OrgPublisher Web Administration

The following test helps you determine if Web Administration is configured correctly. If you can perform the tests successfully, the OrgPublisher Web Administration installation completed successfully.

If errors display while testing, review the following items to determine if additional settings may be needed.

- <u>NTFS permissions</u>
- IIS configurations
- DCOM settings

Publisher

• <u>Troubleshooting Tips</u>

If you still cannot successfully complete the tests, please contact <u>Product Support</u> for further assistance.

Prerequisites for Testing Web Administration

• We recommend that you test Web Administration on a workstation rather than on a server.

In addition, the server administrator may want to add themselves to the **OPWeb_LG** group for the purpose of accessing Web Administration with the same rights as the chart administrators.

• Users must have a Web Administration PluginX file, **orgpub32.ocx**, in order to open OrgPublisher Web Administration.

Users are prompted to download the PluginX from the Web site when accessing the Web Administration URL for the first time.

- Users must be administrators on their own machines in order to install the PluginX file.
- More information on PluginX controls can be found in the OrgPublisher Implementation Guide on the PeopleFluent Customer Community site.

Testing Web Administration

1. Open Internet Explorer and type the OrgPublisher Web Administration URL, http://<servername>/opweb/Opadmin.htm.

Note: < **servername**> is a placeholder for the name of the server on which OrgPublisher is installed.

2. If prompted, install the Web Administration PluginX file from the Web site. OrgPublisher Web Administration opens.



Click OK if you see a prompt that says **No charts exist yet**.





Prerequisites for Testing Web Administration Publishing to EChart Rich Client

• We recommend that you test Web Administration on a workstation rather than on a server.

In addition, the server administrator may want to add themselves to the **OPWeb_LG** group for the purpose of accessing Web Administration with the same rights as the chart administrators.

• Users must have a PluginX file viewer, **orgpub32.ocx**, in order to open an OrgPublisher EChart rich client chart.

Users are prompted to download the PluginX from the Web site when accessing the chart link for the first time.

- Users must be administrators on their own machines in order to install the PluginX file.
- More information on PluginX controls can be found in the OrgPublisher Implementation Guide on the PeopleFluent Customer Community site.

Test Publishing an EChart Rich Client Chart

- 1. Access the Web Administration URL, http://<servername>/opweb/opadmin.htm, and select **File**, then **New**.
- 2. Click **New** in the Select a Chart to Open dialog.



Figure 63.

The New Chart Wizard opens.



3. Select Organizational chart and click Next.



Figure 64.

The Select a data source dialog opens.



 Select Empty chart and click Next. The Finish dialog opens.

	_
Empty chart	
You have finished setting up the data for your chart. Click Finish to display the chart.	
The style wizard will allow you to easily setup the first chart style. Additional chart styles can be added later by running the Style Wizard from the tools menu.	
Launch the style wizard	

Figure 66.

- 5. Clear the check box to **Launch the style wizard** and click **Finish**. The OrgPublisher application opens to a blank Chart View.
- 6. In the Insert toolbar, click the Insert box containing a person button,







7. Drop the box in the chart white space.



Figure 68.

A chart box appears with default information.

8. Click the Publish button Publish in the toolbar.





The Publishing Wizard opens.



Figure 70.

9. Select Advanced Mode and click Next. Click Next again.



The Name dialog opens.



Figure 71.

 Type the name of your published test chart name and click Next. The Publishing type dialog opens.

	Publishing Type
Please select type of	i publishing you would like
 Interactive Org Chart 	Publishes a chart that supports complex searching, drilling, and high quality printing.
	This includes PluginX and EChart publishing
Org Chart Document	Publishes a document that has limited searching, drilling, and printing. This includes PDF and Graphic publishing

Figure 72.

11. Select the **Interactive Org Chart** radio button and click Next. The Interactive type dialog opens.



Figure 73.



 Select the EChart radio button and click Next. The Publish Location dialog opens.





13. Type or **Browse** to the **Publish to location** folder for the chart and click Next. The Client Type dialog opens.

Client Type
Please select which type of client you want the published chart to support
Client Type
Rich client using PluginX Requires a browser component but provides the richest OrgPublisher experience.
Thin client Requires only a web browser and provides less features than PluginX charts Both client options above

Figure 75.

 Select the Rich client using PluginX radio button and click Next. The Virtual Directory dialog opens.

	Virtual Directory	
Please specify the URL of the virtual directory on the web server. This is used by the web browser to locate the server for this chart.		
URL: (http://SiteName)		
http://		
Set the maximum number of levels to co chart. Setting a high number (greater th result in long chart load times. Maximum chart levels:	ncurrently display in the published an 3) especially for thin clients may 2	

Figure 76.

15. Type the virtual path to the PublishedCharts folder, typically, http://<servername>/opweb/PublishedCharts. Click Next.

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- 16. Click Next through the rest of the wizard dialogs until you reach the Finish dialog.
- 17. Accept the default option of **Publish now**.

The Enter a Chart Name dialog opens.

Enter a Chart Name	×
Please enter a name for	this chart
Deleteme	
Ok	Cancel

Figure 77.

18. Type a name for the chart. It can be the same as the publishing definition in Step 10 in this procedure or something different. Click OK.

The EChart Link Summary dialog opens.

19. Click the link to open the EChart in the browser.

EChart Link Summary	×
Publishing completed successfully for Deleteme	
If chart was published previously, click the link to refresh the server.	
URL for rich clients	
http://Servername/opweb/PublishedCharts/Deleteme.htm	

Figure 78.

20. If prompted, install the PluginX viewer using the displayed link to the Web page. Once the PluginX is installed, the OrgPublisher chart opens.

Web Administration Next Steps

Review the items noted below so that your chart administrators have what they need to begin using charts with Web Administration.

- Provide the following links to the chart administrators:
 - Web Administration URL
 - (Example: http://<servername>/opweb/opadmin.htm)
 - PublishedCharts URL

Publisher

(Example: http://<servername>/opweb/publishedcharts)

- Assistance in downloading the Web Administration PluginX will be required for any chart administrator who is not an administrator on their own machine.
- A system DSN must be created on the server where OrgPublisher is installed if a chart administrator is using an ODBC connection to a database.
- Mapping of text files must be done by an administrator on the server through the OrgPublisher client if a chart administrator uses text files or CSV files that are not in the standard OrgPublisher field order.

Note: If the server administrator needs to assist with mapping text files in OrgPublisher, we recommend that a default chart file be created one time on the server using the OrgPublisher client. Chart administrators can then use the default file as the basis for creating new charts by following these steps:

1. Open the default file.

2. Select File, Save As and create a new chart name for this file.

3. The data connection remains the same and can now be used to create new organizational charts.

- A network share to the **SourceCharts** folder is required if a chart administrator needs access to import and overwrite existing data files from their desktop to the SourceCharts folder. The Web Administration interface cannot be used for this purpose. Approving network share folder access is the decision of your IT department and is not a part of the standard OrgPublisher Web Administration installation.
- A network share to the **PublishedCharts** folder is required if a chart administrator needs to copy formatting files (OTM files) to use with new chart data files. The Web Administration interface cannot be used for this purpose. Approving network share folder access is the decision of your IT department and is not a part of the standard OrgPublisher Web Administration installation.



Troubleshooting Tips

• If you see an Internet Explorer window with a gray bar at the top but no chart, set a <u>MIME type</u> of .OCP on the PublishedCharts folder.



Figure 79.

• If you receive the error, "Unable to contact the remote server .dll at this URL", the paths to the virtual directory and URL were, likely, not correct during installation, or the permissions were not set.



Figure 80.

This may require a reinstallation of Web Administration by following this guide.

• If a chart administrator or end user sees a blank Internet Explorer screen with a red X in the upper-left corner, this indicates a problem with installing and registering the ActiveX control (PluginX).

File Edit View Favorites Tools Help	
(

Figure 81.

Installing ActiveX controls requires administrative rights on the workstation. Your IT group can request MSI scripts to assist in pushing out the plugins by contacting <u>Product Support</u>. Include the full version number of OrgPublisher installed on the server. (In OrgPublisher, click **Help** in the menu, then **About OrgPublisher**.)



OrgPublisher Web Administration Guide for Windows Server 2008R2 Troubleshooting Tips



Figure 82.

• If you receive the error, "Unable to instantiate OrgPub32 as an automation server", there may be a permissions issue.



Figure 83.

Verify that the <u>DCOM permissions</u> (mmc-32) are correct. If the error still occurs, adjust settings to include the following DCOM permission. In the OrgPublisher X Document dialog **Identity** tab, select **Launching User**. If the error persists, this may require a reinstallation of Web Administration, following this guide.

• Understanding HTTP error messages and their associated status codes is important when you need to troubleshoot IIS. A few common errors on the client side (4xx error) and server side (5xx error) are listed below.

Error Code	Definition
400	Bad Request: The server cannot service the request, usually because of an incorrect URL.
401	Unauthorized: The user's credentials were not accepted by the authorization process.
M403	Forbidden: The request could not be serviced for a number of reasons, even though the user was authenticated.
404	Not Found: The server cannot locate the requested file.
405	Method Not Allowed: The client incorrectly issued an HTTP GET request when an HTTP POST request should have been issued.
406	Not Acceptable: The requested file is not supported by the client.
407	Proxy Authentication Required: The client has to authenticate with the proxy server before its request can be serviced.
410	Gone: The server no longer has the requested file.
500	Internal Server Error: Indicates a typical server side error.

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501	502 Not Implemented: The server does not support the HTTP method requested by the client.
502	Bad Gateway: An invalid response was received by the upstream server for which this server is a gateway.
503	Service Unavailable: The server does not support the service requested by the client.