

ENGINEERING SOFTWARE DEVELOPMENT MADE EASY

Web Services Gateway Setup Instructions

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## **Bentley Web Services Gateway**

Bentley Web Services Gateway enables any type of service, client, or mobile application, running on any platform to easily access data and files from an extensible list of Bentley enterprise service repositories.

When used with the ProjectWise Plug-in, Bentley Web Services Gateway is used to provide mobile users with a list of ProjectWise datasources that they can connect to.

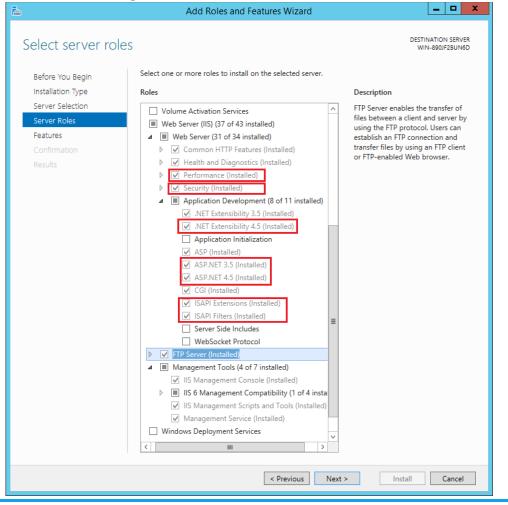
Detailed instructions user could find in PDF delivered with ProjectWise server installer.

# **Pre-requirements for Bentley Web Services Gateway (WSG)**

WSG could be installed only on Windows Server with enabled IIS (not an IIS Express). Computer should have all latest updates installed and user must be a system administrator.

### **Configure IIS Server**

Make sure following server roles are set on Windows Server:



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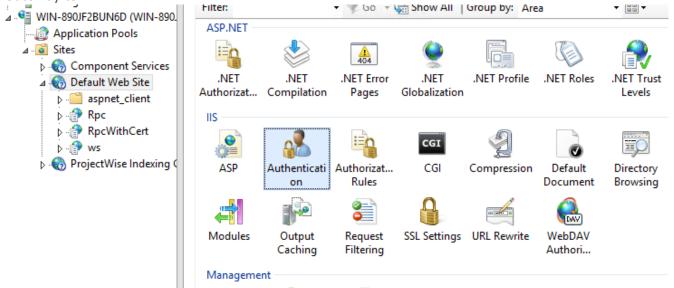


Next step is to setup IIS authentication.

1. Go to Server Manager > Dashboard > Tools > IIS Manager:

		Server Manager	_ 0 ×
S	erver Mar	nager • Dashboard • (	Manage Tools View Help Component Services
		WELCOME TO SERVER MANAGER	Computer Management Defragment and Optimize Drives
age	Services ▷	Acces	Event Viewer Internet Information Services (II5) Manager ISCSI Initiator Local Security Policy ODBC Data Sources (32-bit)
			ODBC Data Sources (64-bit) Performance Monitor Resource Monitor Security Configuration Wizard

2. Open authentication settings for the website you plan to deploy Bentley Web Services Gateway to:



3. Double-click Authentication feature and set options as described below:

# Authentication

Group by: No Grouping -							
Name	Status	Response Type					
Anonymous Authentication	Enabled						
ASP.NET Impersonation	Disabled						
Basic Authentication	Disabled	HTTP 401 Challenge					
Digest Authentication	Disabled	HTTP 401 Challenge					
Forms Authentication	Disabled	HTTP 302 Login/Redirect					
Windows Authentication	Disabled	HTTP 401 Challenge					

Done.

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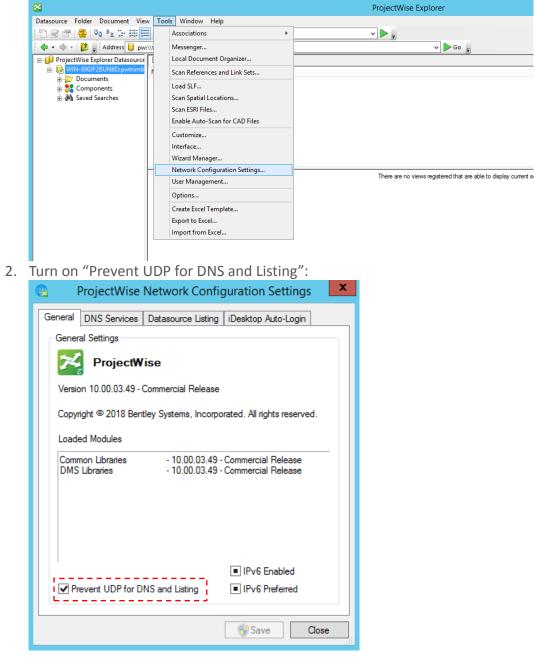


#### Install ProjectWise Explorer

This is a prerequisite of the ProjectWise Plug-in for Bentley Web Services Gateway. You will not be able to install the plug-in if ProjectWise Explorer is not installed.

#### **Configure the ProjectWise Network**

1. Open Network Configuration Settings in ProjectWise Explorer:



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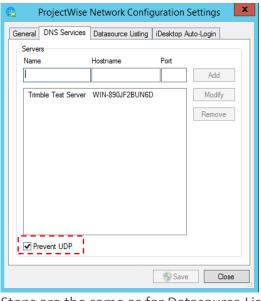


3. Add Datasource Listing:

ProjectWise Ne	twork Confi <u>c</u>	juration S	ettings 🛛 🗙
General DNS Services Da	tasource Listing	iDesktop Au	to-Login
Servers			
Name Hos	stname	Port	
			Add
Trimble Test Server WI	N-890JF2BUN6D	)	Modify
			Remove
✓ Prevent UDP			
		🛞 Save	Close

Where:

- In the **Name** field, enter a descriptive name for the ProjectWise server you are connecting to.
- In the **Hostname** field, enter the fully-qualified domain name (FQDN) of the computer on which the ProjectWise server you want to connect to is installed.
- If the ProjectWise server's listener port is set to the default (5800), then you can leave the **Port** field empty.
- **Prevent UDP** check box should be checked.
- 4. Add DNS Service:



Steps are the same as for Datasource Listing.

5. Click **Save** the **Close** the configuration settings.

## **Installing Web Services Gateway**

Information about installation and configuring Web Services Gateway and ProjectWise WSG Plugin could be found in PDF delivered with ProjectWise server installer.