



ENGINEERING SOFTWARE DEVELOPMENT MADE EASY

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# 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.

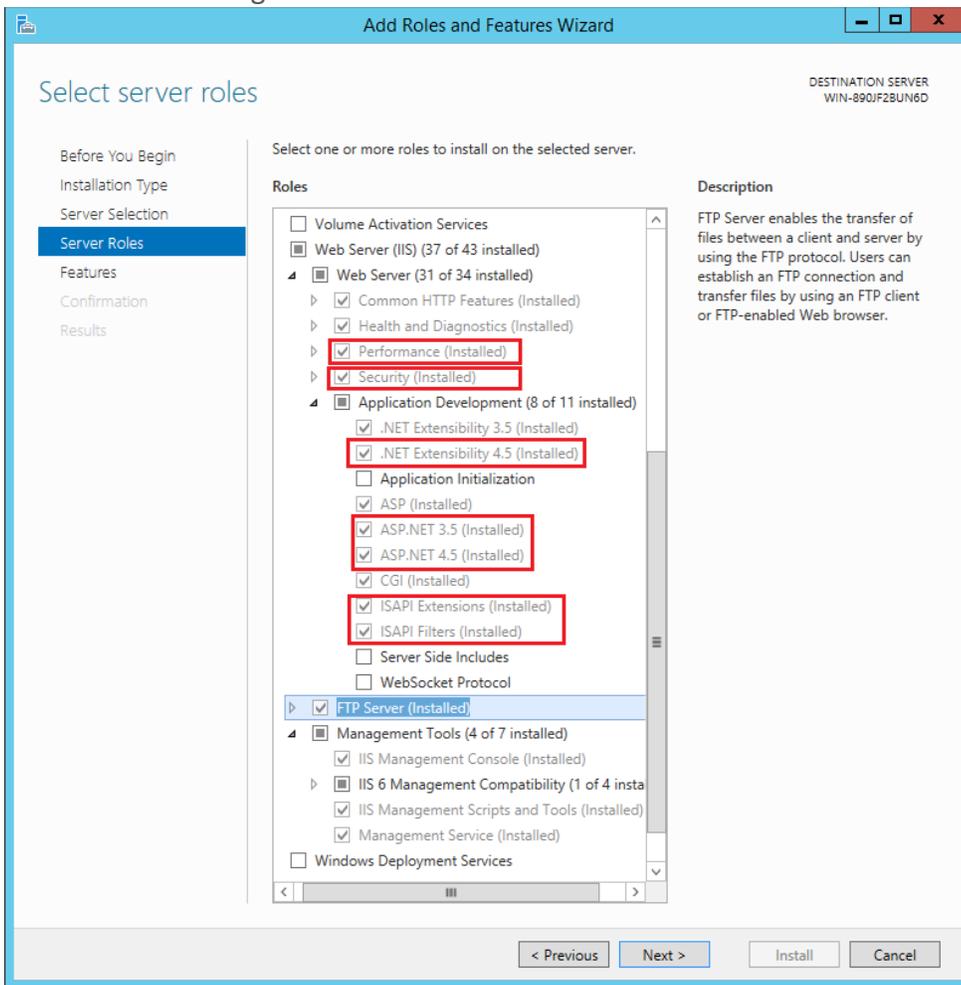
Detailed instructions user could find in PDF delivered with ProjectWise server installer.

## 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.

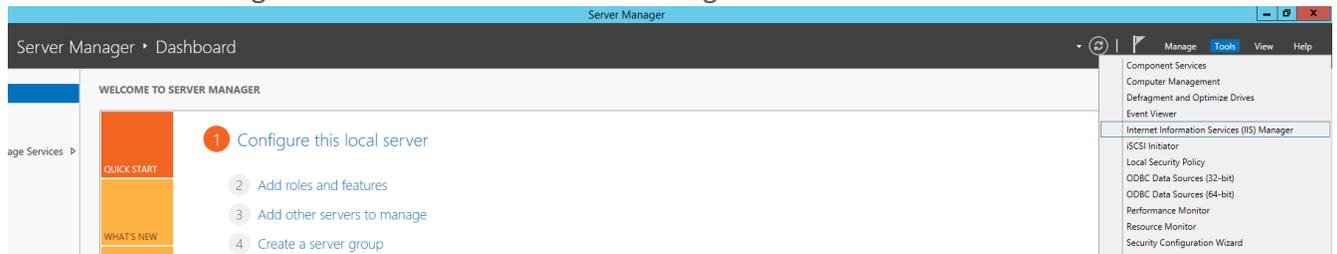
## Configure IIS Server

Make sure following server roles are set on Windows Server:

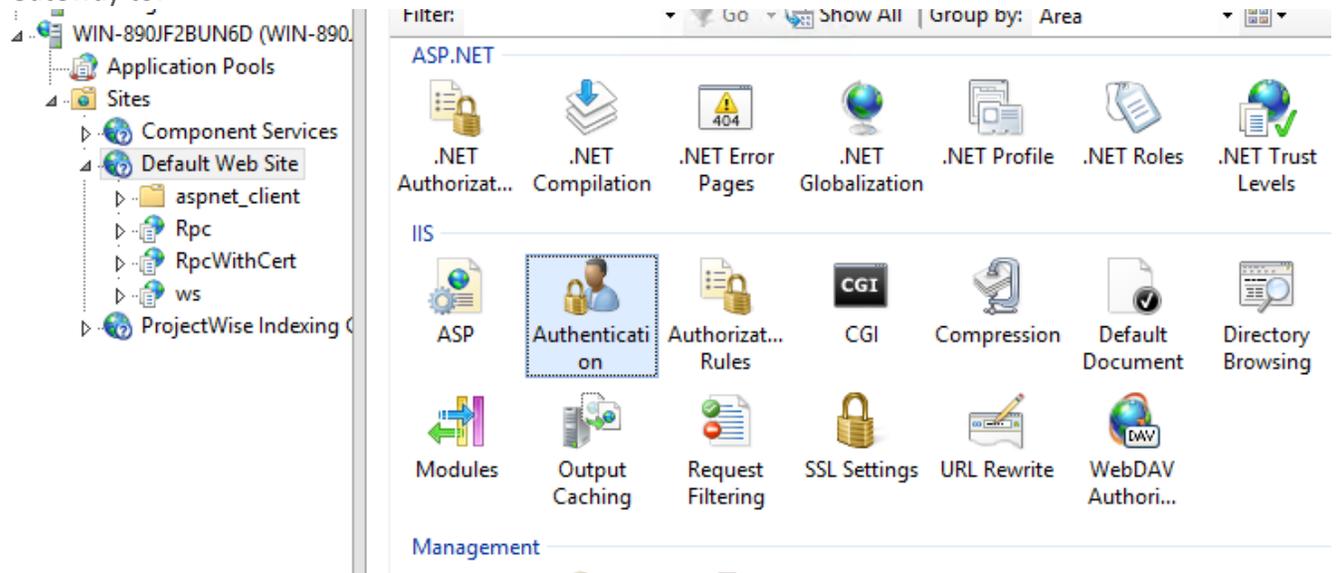


Next step is to setup IIS authentication.

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



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

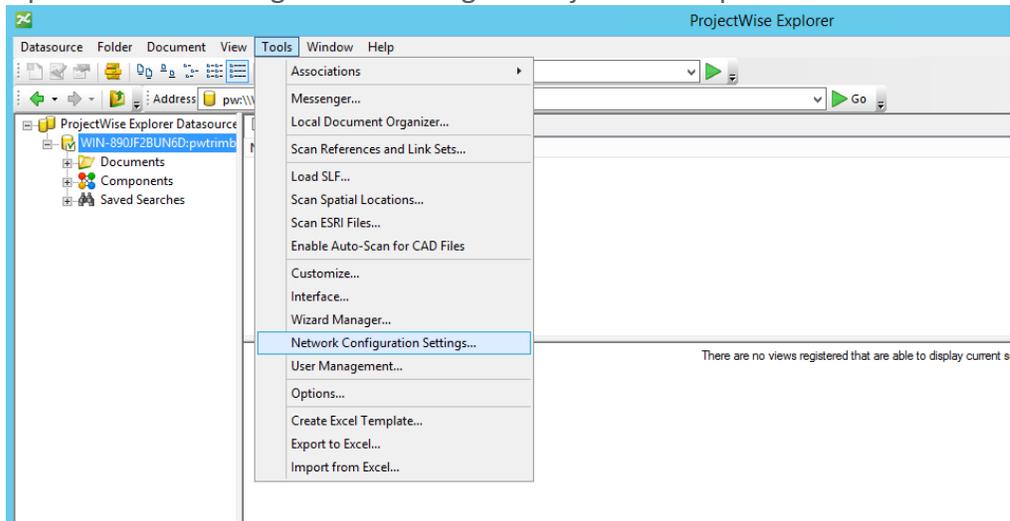
Done.

## Install ProjectWise Explorer

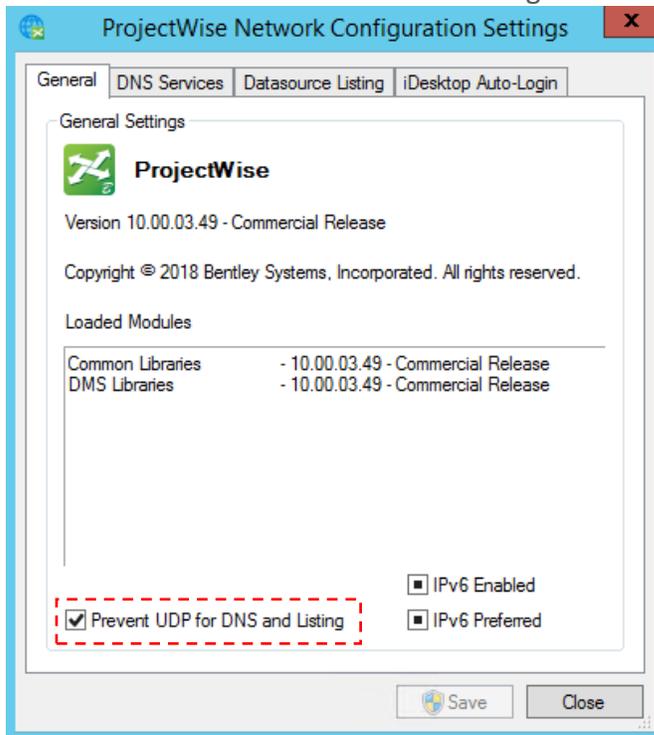
This is a prerequisite of the ProjectWise Plug-in for Bentley Web Services Gateway. You will not be able to install the plug-in if ProjectWise Explorer is not installed.

## Configure the ProjectWise Network

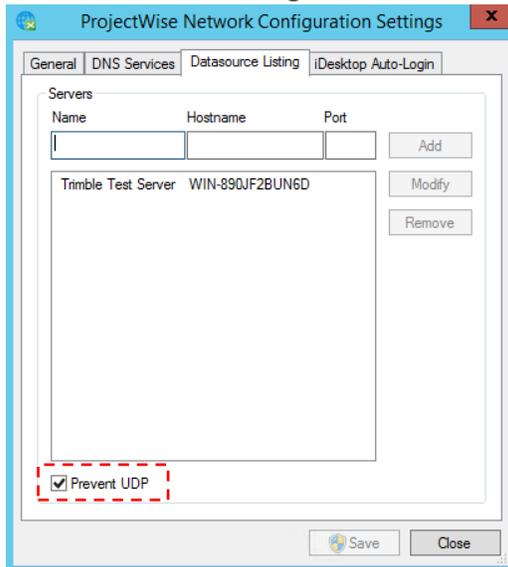
1. Open Network Configuration Settings in ProjectWise Explorer:



2. Turn on “Prevent UDP for DNS and Listing”:



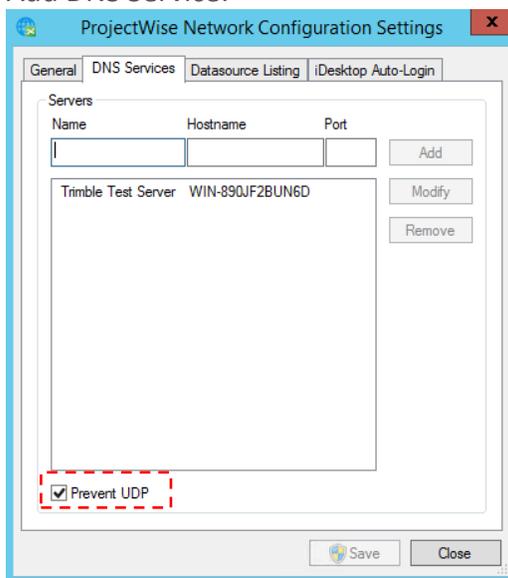
3. Add Datasource Listing:



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.