Install and Configure Abacus Server on a Windows 2008 Server 64bit environment

Installing IIS

1. Click Start -> All Programs -> Administrative Tools -> Server Manager.



Figure 2: Server Manager

2. In the Server Manager window, scroll down to Roles Summary, and then click Add Roles.

The **Add Roles Wizard** will start with a **Before You Begin** page. The wizard asks for verification of the following:

- a. The administrator account has a strong password.
- b. The network settings, such as IP addresses, are configured.
- c. The latest security updates from Windows[®] Update are installed.

3. Select **Web Server (IIS)** on the **Select Server Roles** page. An introductory page will open with links for further information.

Note: When you use the **Add Roles Wizard to install** IIS, you get the default installation, which has a minimum set of role services. If you need additional IIS role services, such as **Application**

Development or **Health and Diagnostics**, make sure to select the check boxes associated with those features in the **Select Role Services** page of the wizard.



Figure 3: Select Server Roles

4. Select the IIS services to be installed on the **Select Role Services** page. Add only the modules necessary. In this case, ASP.NET is selected, and a description of ASP.NET appears in the right pane. Once desired modules are added, click **Next**.

do noies wizaro		
Select Role	Services	
Before You Begin Server Roles Web Server (IIS) Role Services Confirmation Progress Results	Select the role services to install for Web Server (IIS): Role services: Common HTTP Features Common HTTP Features Contron HTTP Features Contront Dovelopment Control Development Static Control Replaction Development Static Server Side Includes Server Side Includes HitTP Roging Logging Tools Request Montor Tracing Costem Logging Costem Logging	Description: ASP_NET provides a server side object for building web sites and web generative programming environment for building web sites and web generative re- architected to provide a highly productive programming experience applications.

Figure 4: Select Role Services

5. Add any required role services. Choose all the options under Application Development and IIS6 Management Compatibility

G	Add role services required for AS You cannot install ASP.NET unless the required rol	P.NET? le services are also installed.
	Role Services: Web Server [IIS] Web Server Application Development ISAPI Extensions ISAPI Filters .NET Extensibility	Description: <u>Web Server (IIS)</u> provides a reliable, manageable, and scalable Web application infrastructure.
		Add Required Role Services Cancel

Figure 5: Wizard warning page

6. IIS is now installed with a default configuration for hosting ASP.NET on Windows Server. Click **Close** to complete the process.

Enable 32 bits ISAPI DLL on IIS 7 x64

This is only require if you are using IIS7 x64 and would like to run 32 bits ISAPI DLL on the IIS. If your ISAPI DLL and IIS7 is both x86 or both x64, you may skip this step.

- 1. Click "Application Pools" node.
- 2. Click "DefaultAppPool" item
- 3. Click "Advanced Settings ..." from Actions panel.
- 4. A "Advanced Settings" dialog prompt out
- 5. Set "Enable 32-bits Applications" to True
- 6. Set "Managed Pipeline Mode" to Classic

ections	Applica	tion Bools		Act	tions
OBSERVER (Observer\estream)	This page lets you vie	ew and manage the list of	f application pools		Add Application Pool Set Application Pool Defaults
 Application Pools Sites Default Web Site A Official datasnap 	on the server. Application pools are associated with worker processes, contain one or more applications, and provide isolation among different applications.			Application Pool Tasks Start Stop	
	Name	Status .NET Fram Started v2.0	Managed Pipe		Edit Application Pool Basic Settings
Advanced Setting	gs		8 23		Advanced Settings
🗆 (General)			_		Rename
.NET Frame	ework Version	v2.0		×	Remove
Enable 32-1	Bit Applications	True			View Applications
Managed F Name Queue Len	Pipeline Mode I gth 1	Integrated DefaultAppPool 1000		0	Help Online Help
Enable 32-Bit [enable32BitA operating sys be in WOW64	t Applications AppOnWin64] If set to tru- tem, the worker process (Windows on Windows	ue for an application poo (es) serving the applicati 64) mode. Processes in \ OK	ol on a 64-bit on pool will WOW64 mo Cancel		

8. Click OK button to commit changes

Enable CGI and ISAPI Module

- 1. Click on the Server node in IIS Manager.
- 2. Double click the "ISAPI and CGI Restrictions" icon.
- 3. Click "Edit Feature Setting ..." in Actions panel.
- 4. Check "Allow unspecified CGI modules" option.



Install Abacus Server v3.0.6.0

Edit Anonymous Authentication Credentials

1. Select the AbacusWebServices virtual directory node.

- 2. Double click the "Authentication" icon.
- 3. Click to select "Anonymous Authentication" item.
- 4. Click "Edit..." in Actions panel.
- 5. A dialog will prompt out.
- 6. Checked "Application pool identity" and press OK button to commit changes.

Edit Anonymous Authentication Creder	ntials	- P	23
Anonymous user identity:			
Specific user:			
		Set	
Application pool identity			
	ОК	Cancel	

Enable ISAPI and CGI for AbacusWebServices

To enable ISAPI and CGI for AbacusWebServices:

- 1. Select the virtual directory node (AbacusWebServices).
- 2. Double click the "Handler Mappings" icon.
- 3. Click "Edit Feature Permissions..." in Actions panel
- 4. A "Edit Feature Permission" dialog prompt out
- 5. Check "Execute".
- 6. Click OK button to commit the changes.

	Add Managed Handler
Edit Feature Permissions	Add Script Map Add Wildcard Script Map Add Module Mapping
	Edit Feature Permissions Revert To Parent View Ordered List
Cancel	 Help Online Help

Reset IIS

- 1. Right-Click Start -> All Programs -> Accessories -> Command Prompt
- 2. Click Run as Administrator
- 3. Click Yes in the next prompt
- 4. Type IISRESET at the blinking cursor in the command prompt window
- 5. Exit the Command Prompt once IIS has restarted successfully.

Browse AbacusWebService by the following URL:

http://localhost/AbacusWebServices/AbacusWebServicesExt.dll