Installation on Windows server 2008

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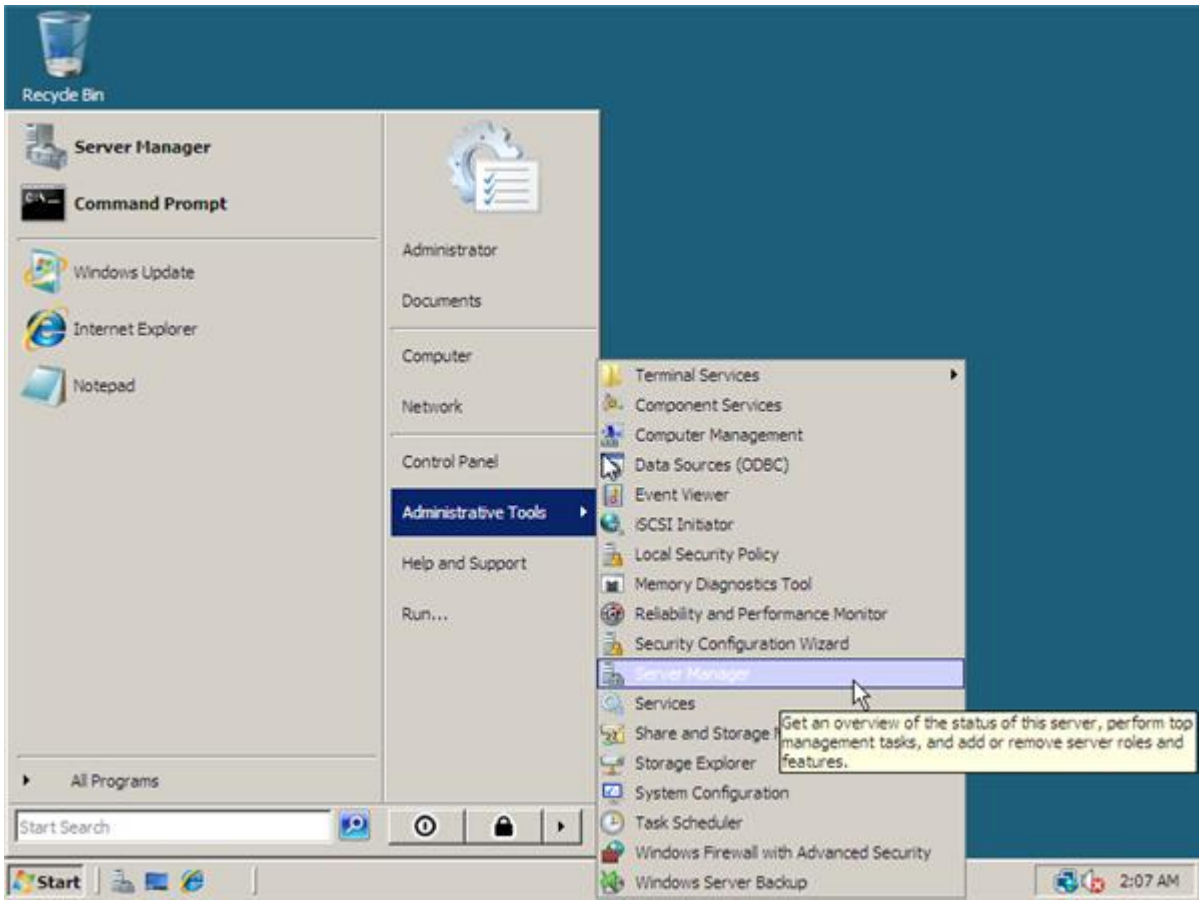
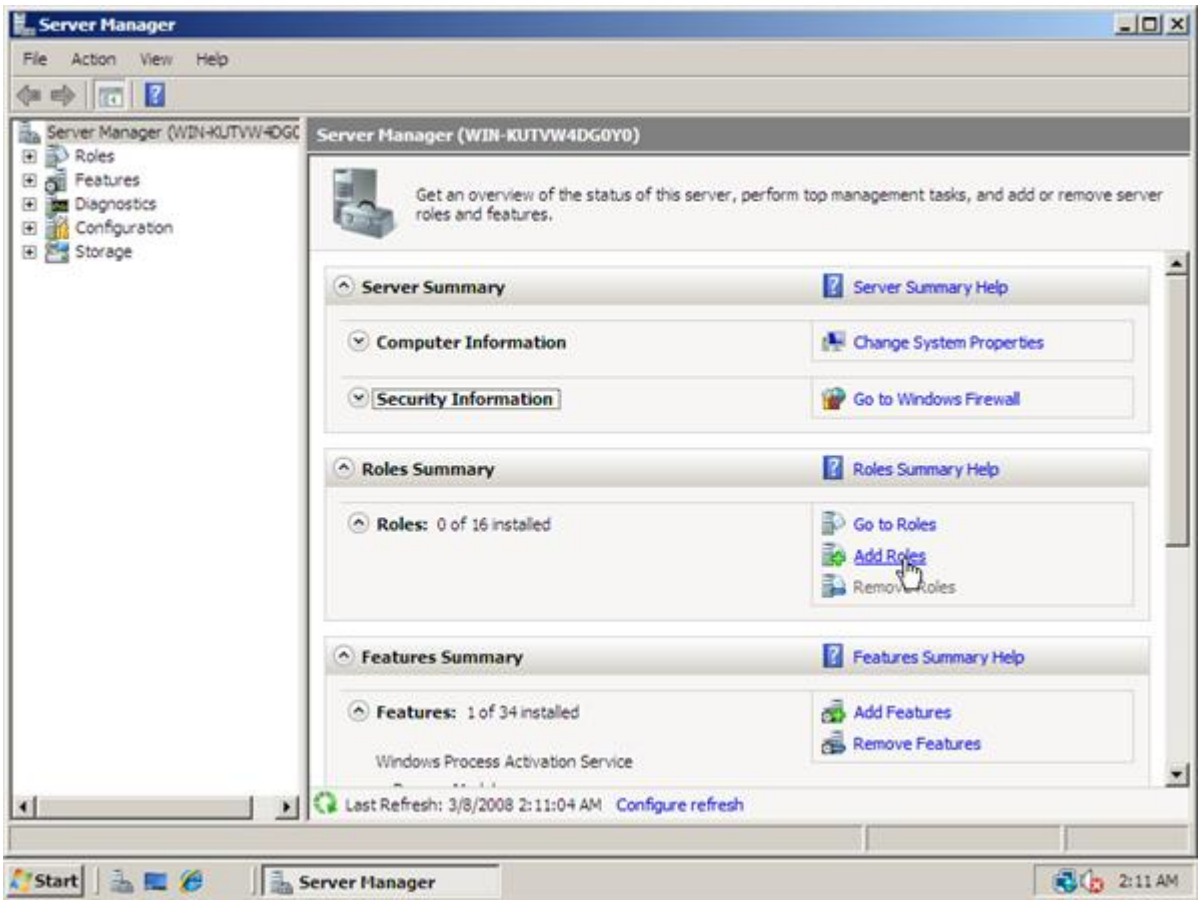
1. IIS

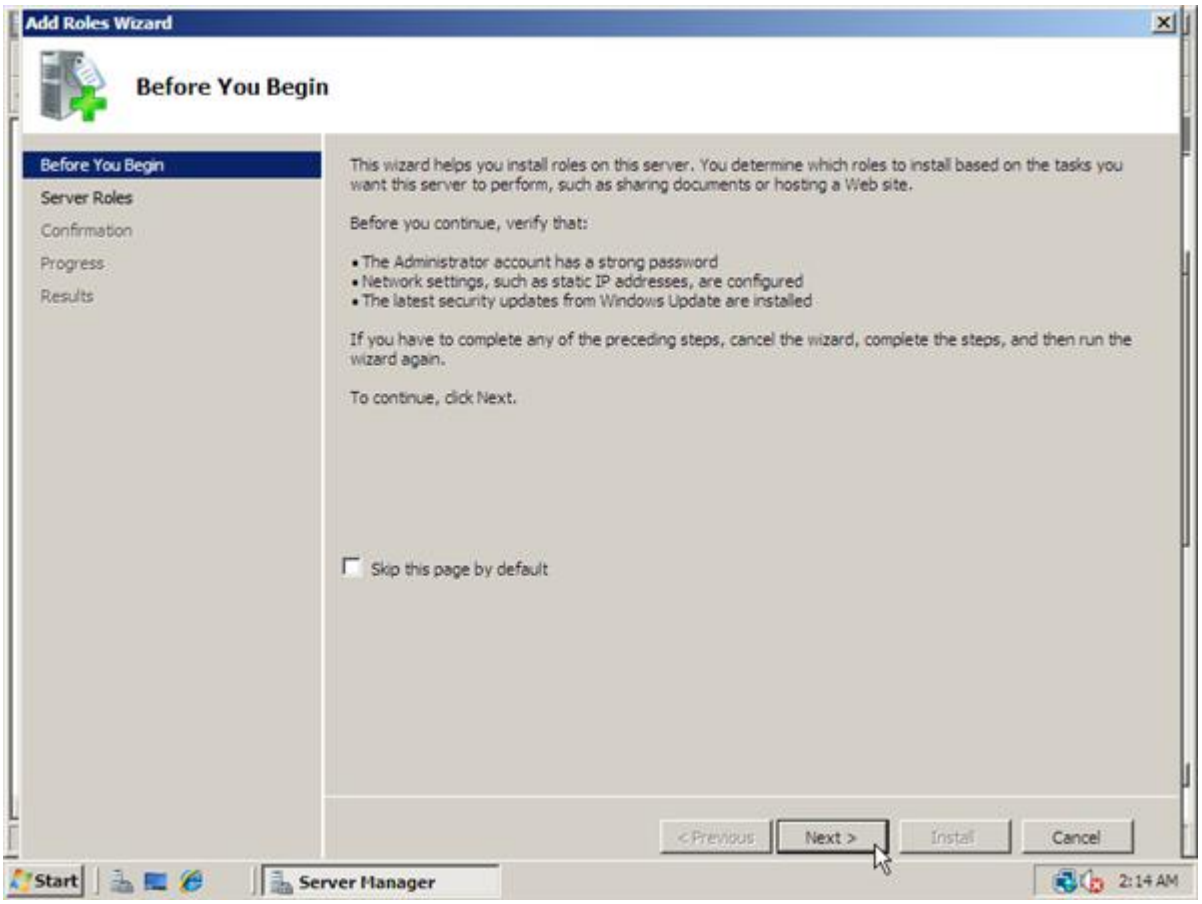
1. Click on **Start -> Administrative Tools -> Server Manager**



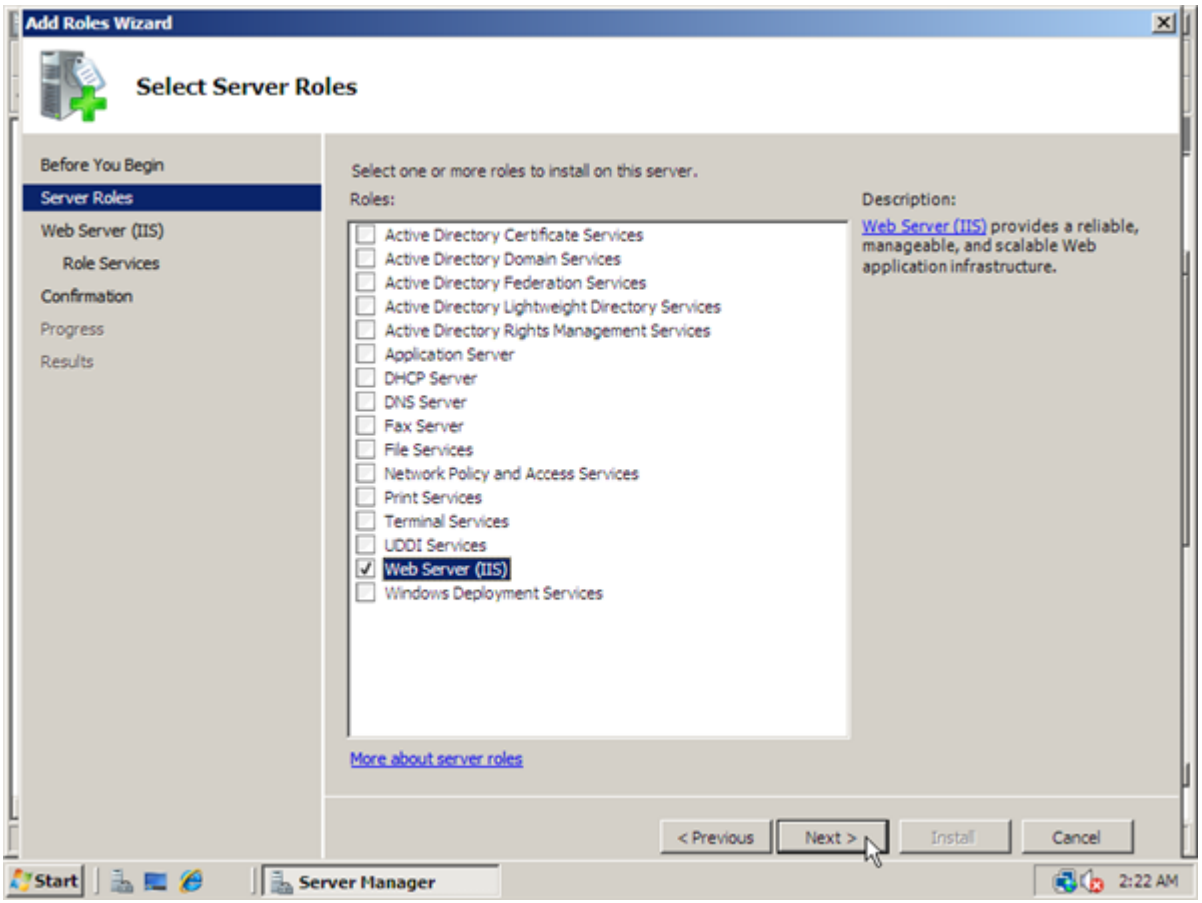
2. In Server Manager scroll down to **Roles Summary**, and click on **Add Roles**



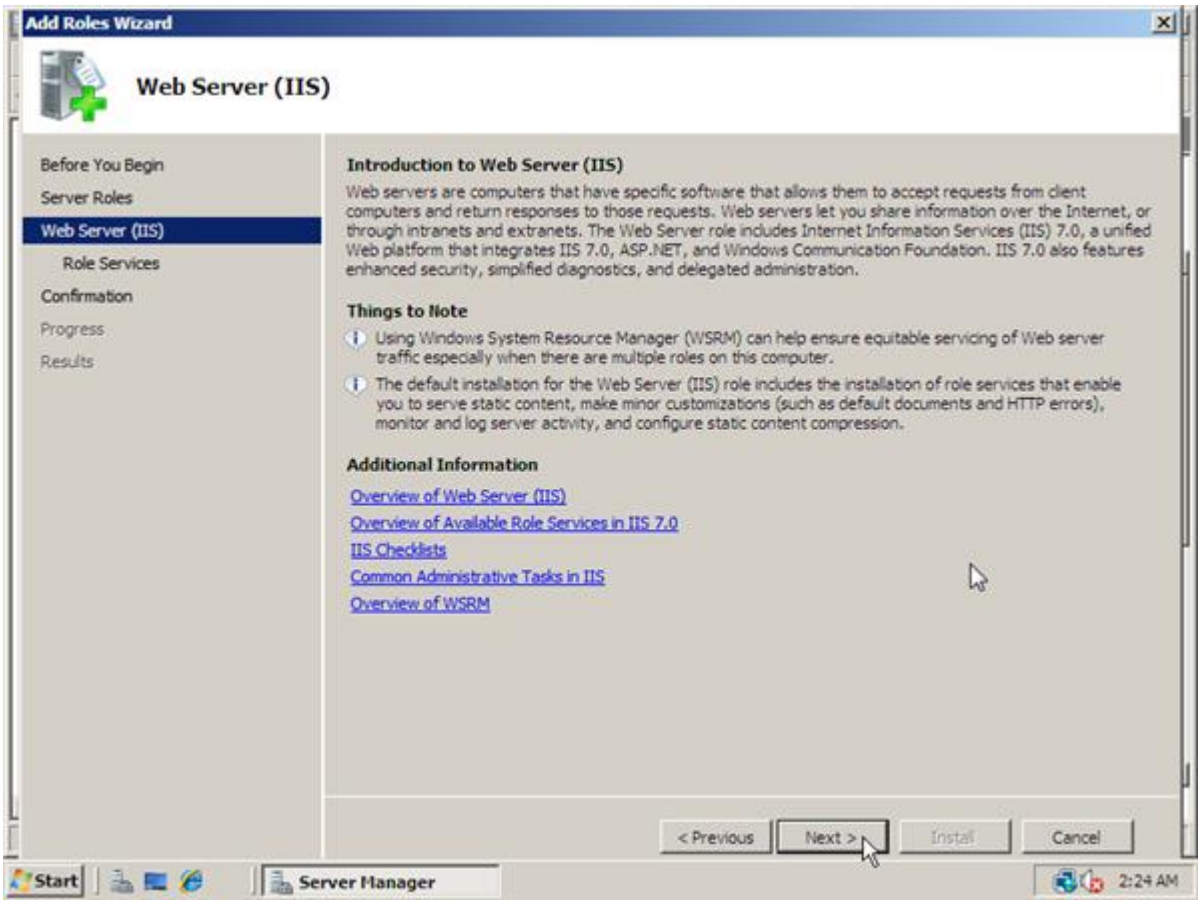
3. The **Add Roles Wizard** starts at this point and warns you that if you are going to add a role to make sure:



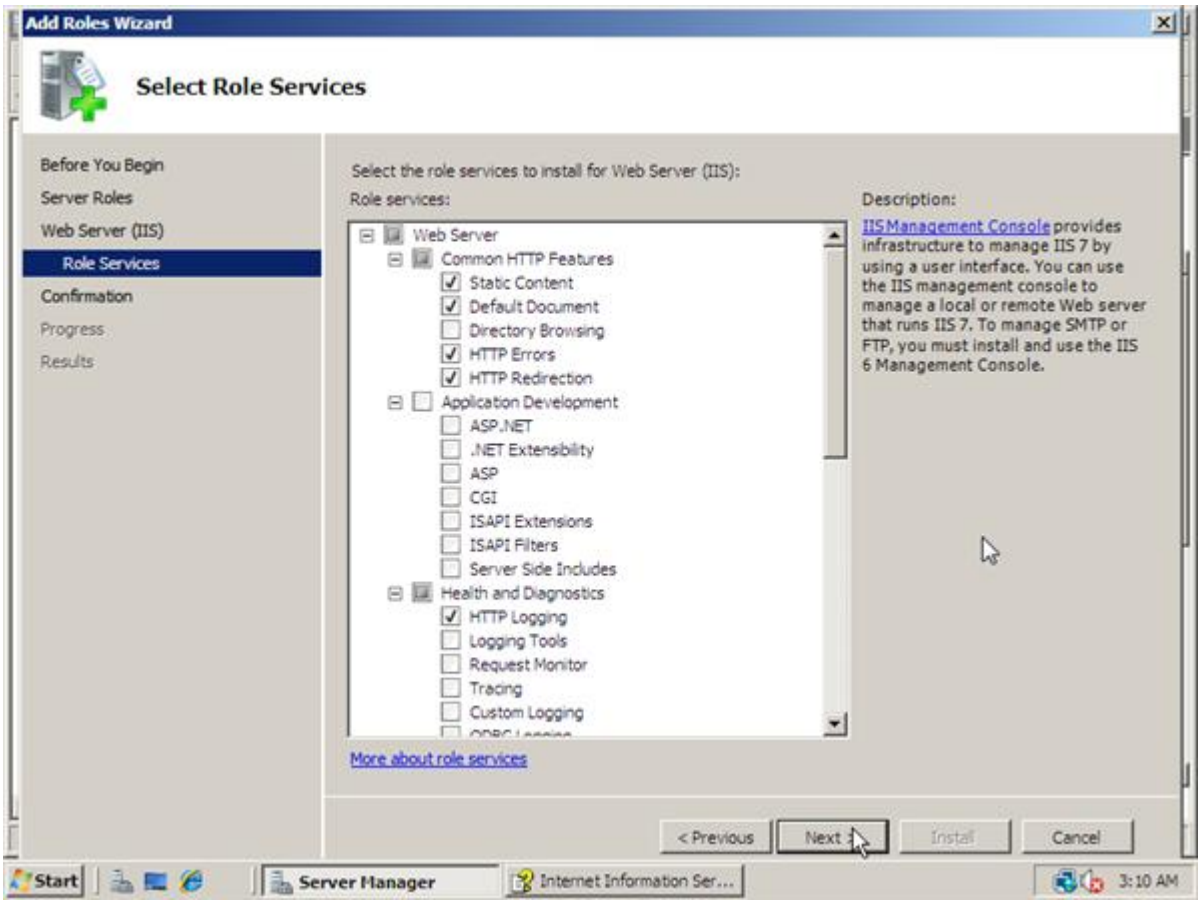
4. Click **Next** to go the **Add Server Role** page. Place a checkmark next to **Web Server (IIS)** and then click on the button **Next**



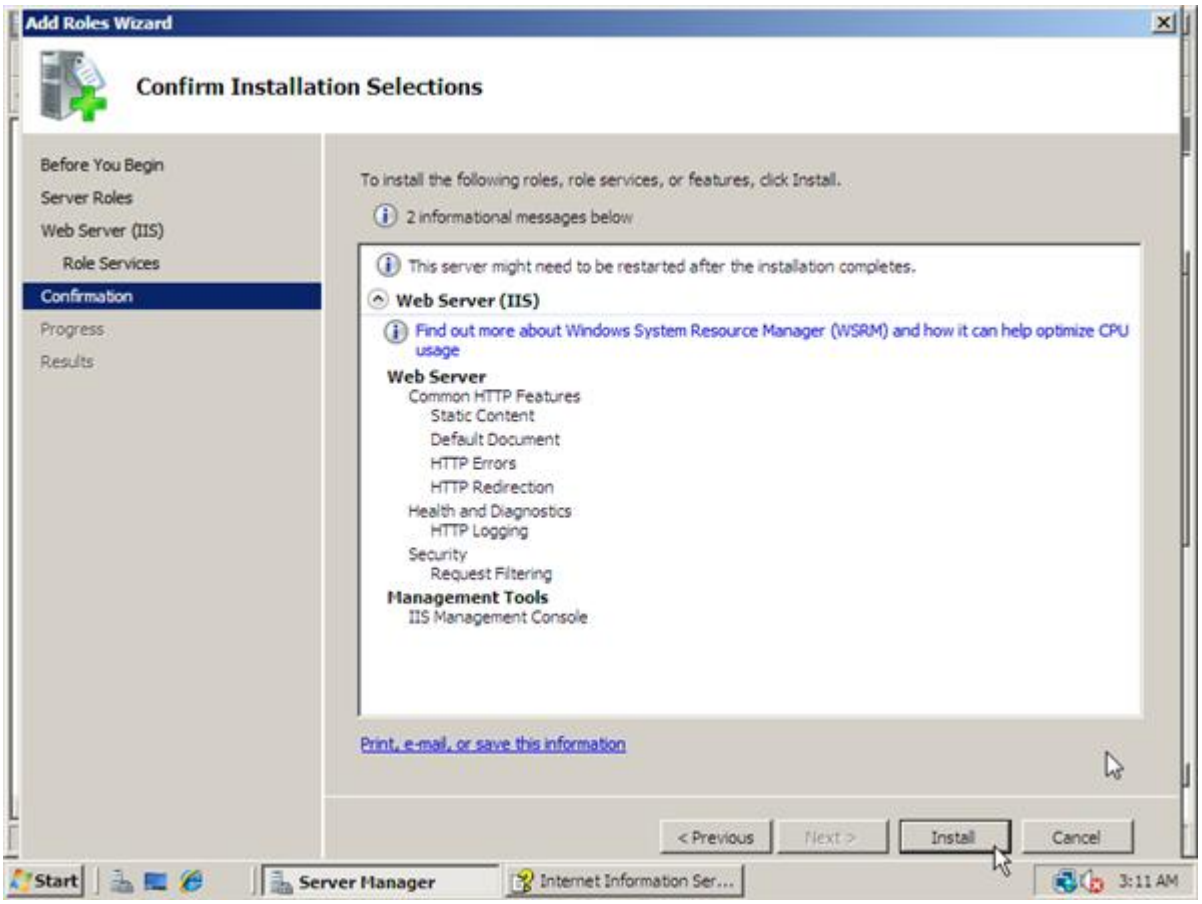
5. The next page will give you some basic information on IIS Web Servers and a few links with extra information if needed. Click on the button **Next** to continue



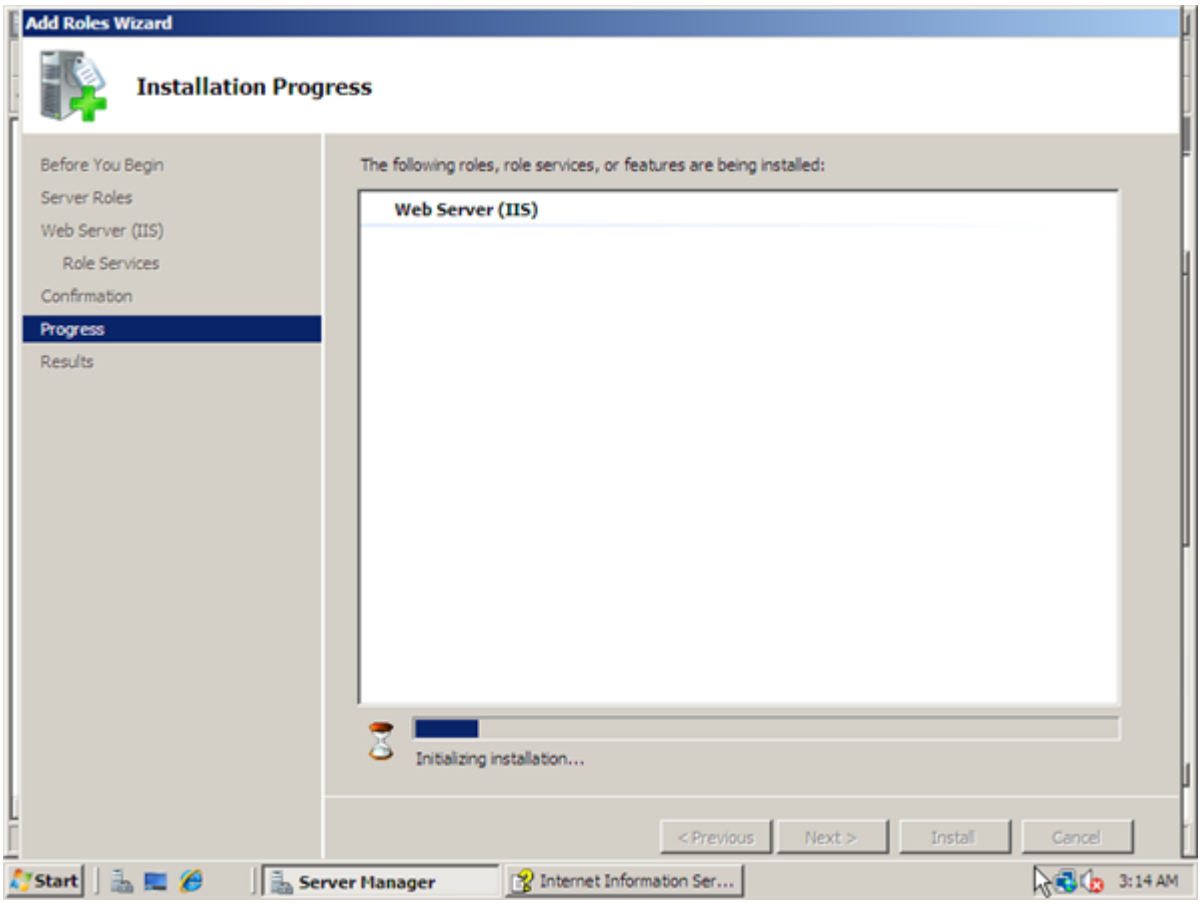
6. The next window is the **Select Role Services**. This very important screen will allow you to add only the modules necessary for your planned installation of IIS.
When you choose a module in this screen in the upper right corner you will get more information about what the module is for. For our example we are going to load the following modules:



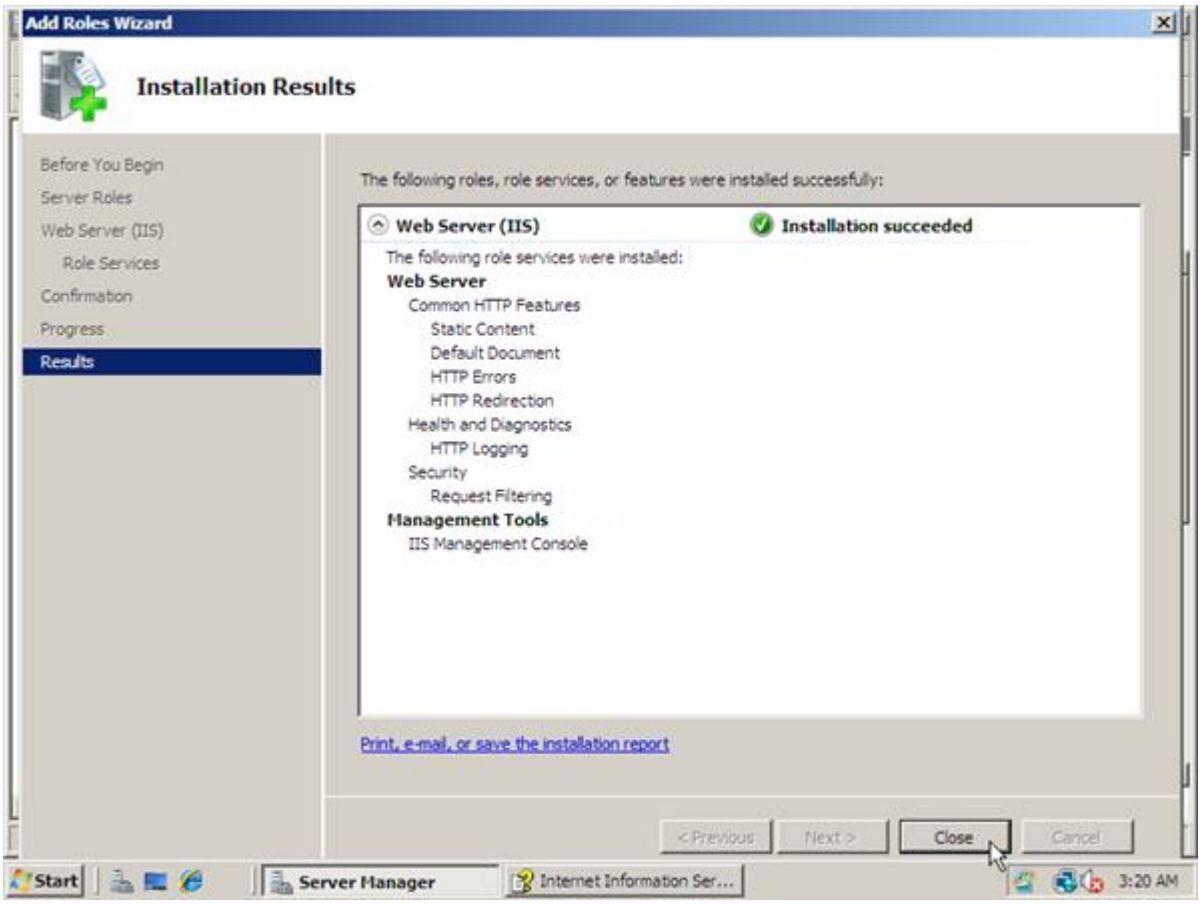
7. Click **Next** to get to the **Confirm Installation Selections** screen to verify your chosen settings.



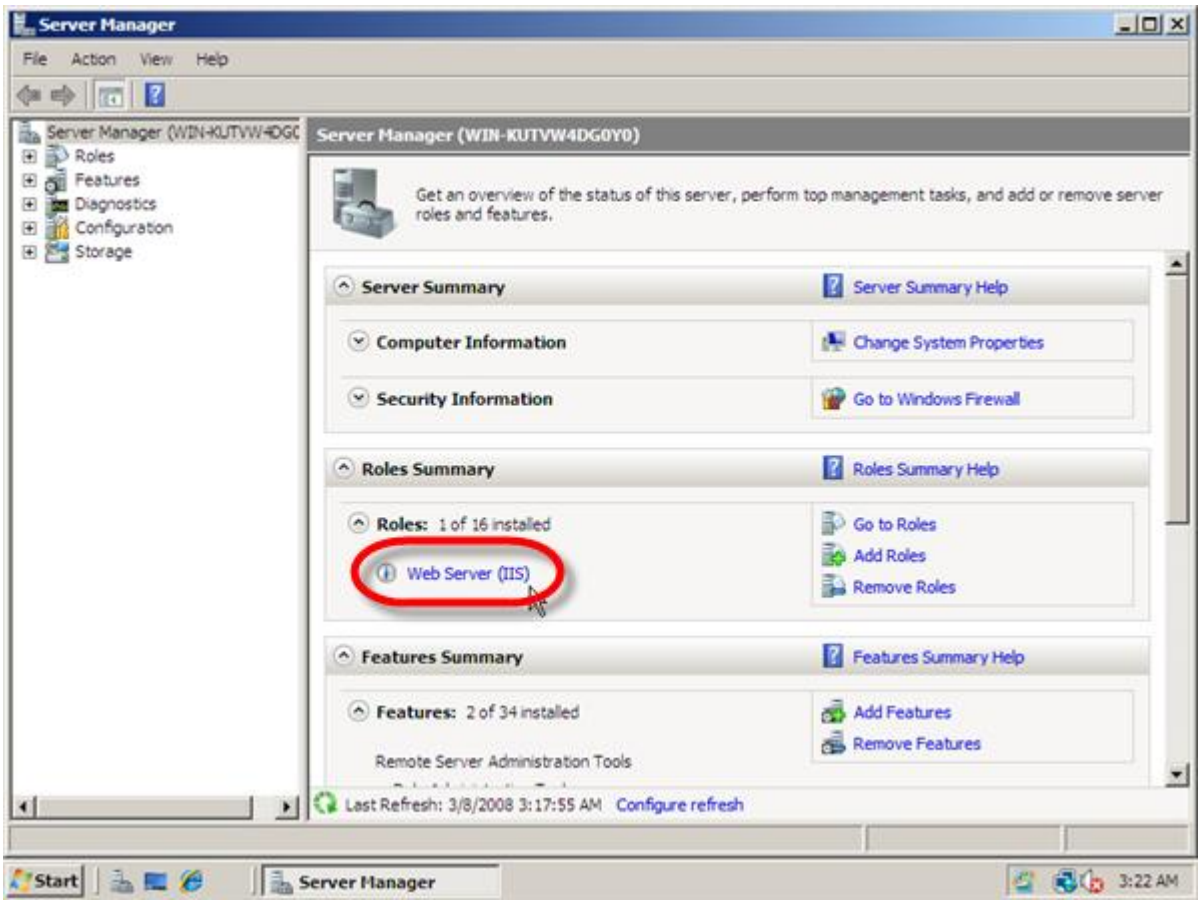
8. Click Install and installation will start



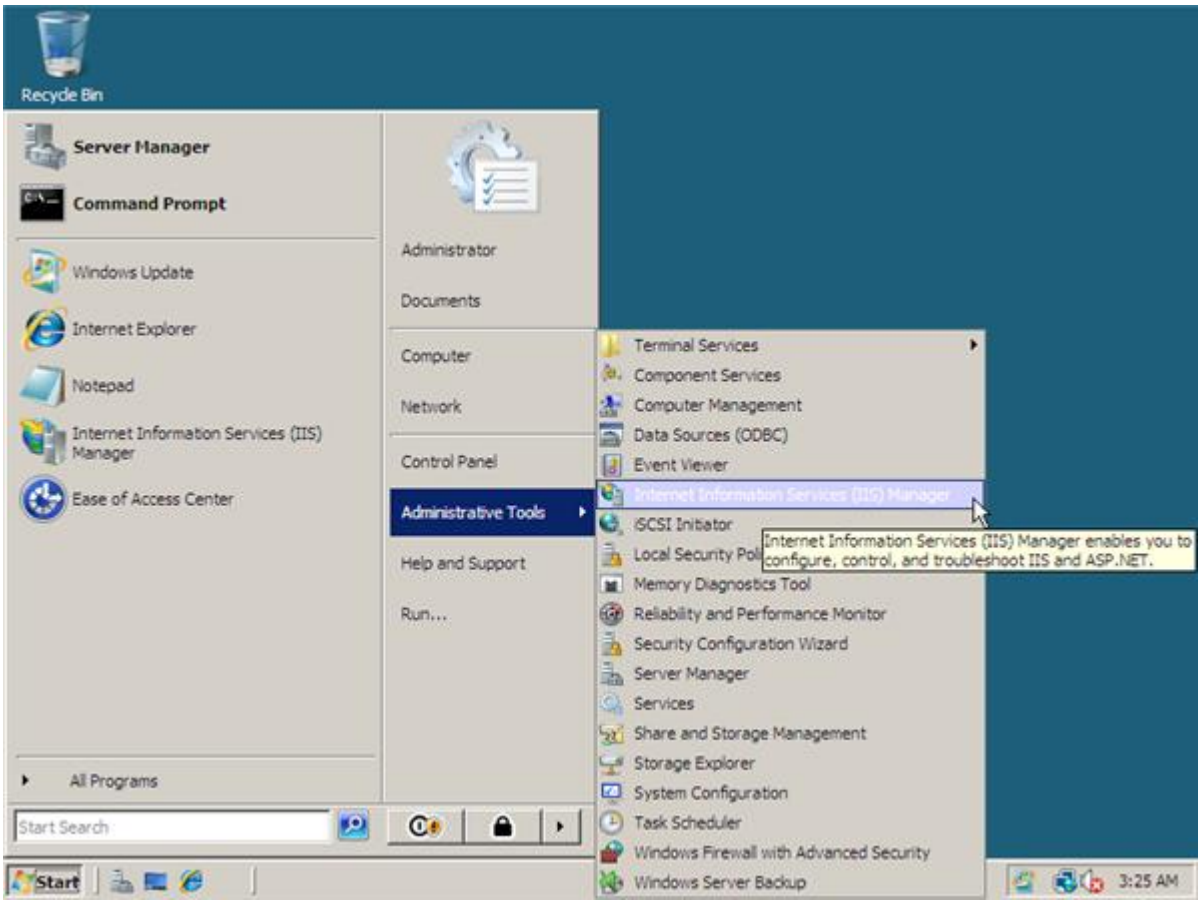
9. After installation you should see the **Installation Results** page. Click **Close** to finish the process.



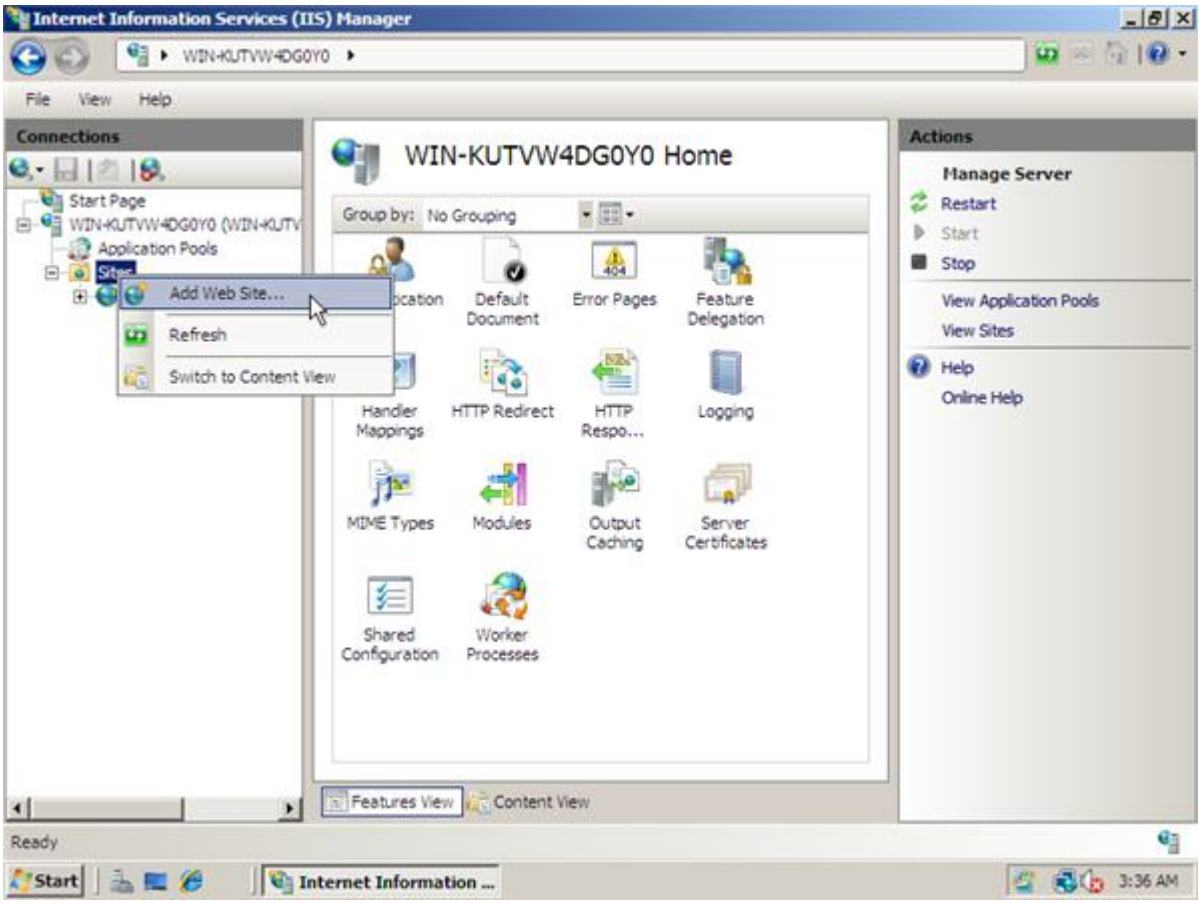
10. In the **Server Manager** window, under **Roles Summary**, you should now see **Web Server (IIS)**



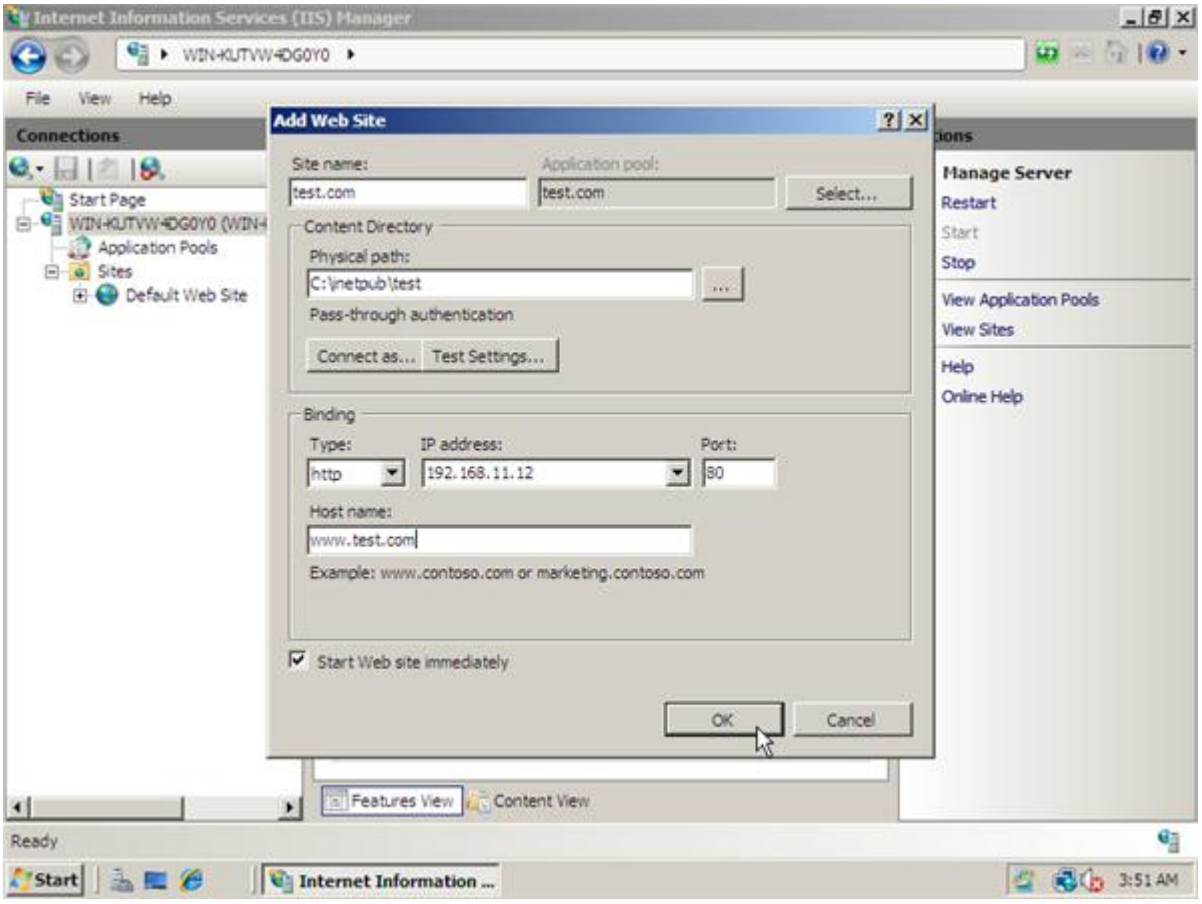
11. Let's go ahead and open **IIS Manager** by going to **Start -> Administrative Tools -> Internet Information Services (IIS) Manager**



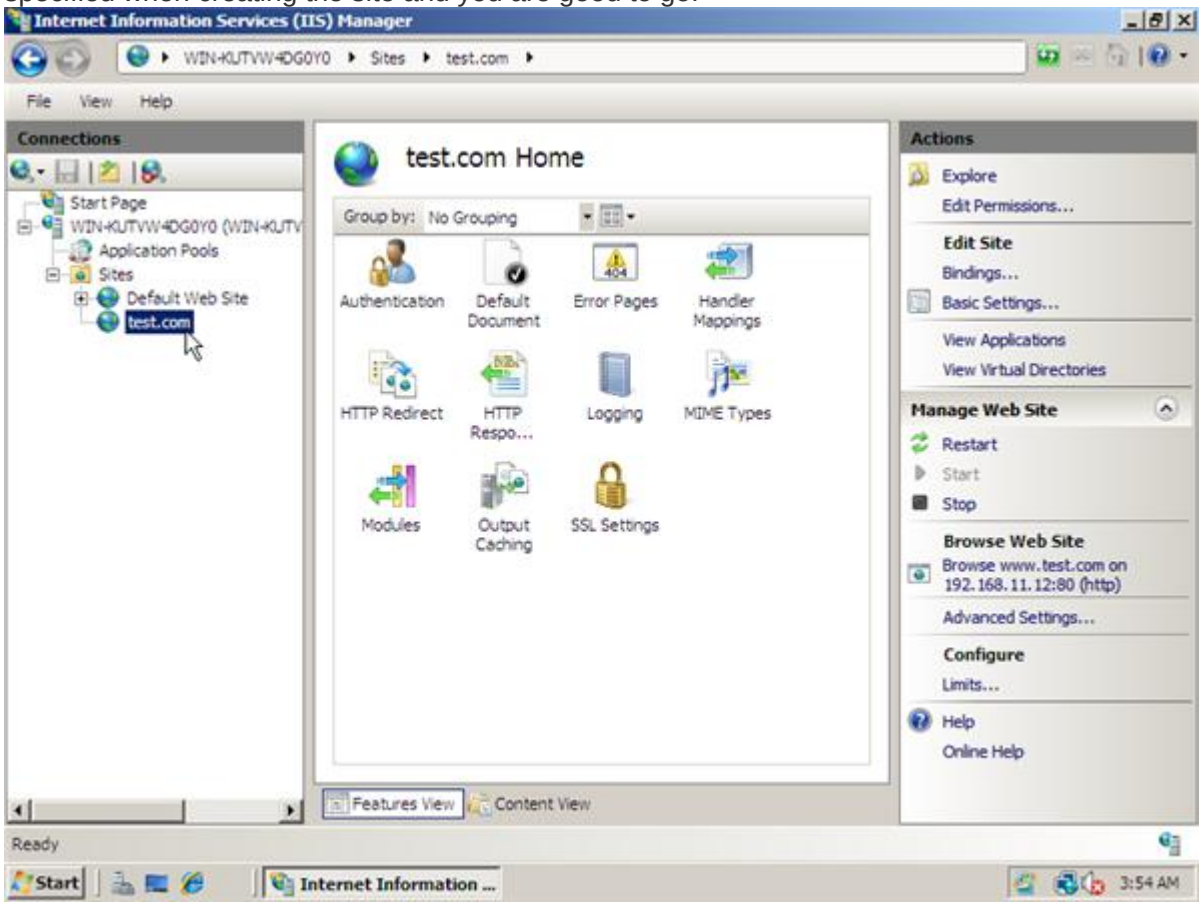
12. Once IIS Manager opens, expand out the **web server** and then expand the **Sites** folder. Right click on sites and then click on **Add Web Site**



13. In the **Add Web Site** window we have some basic information to fill out for a static site:



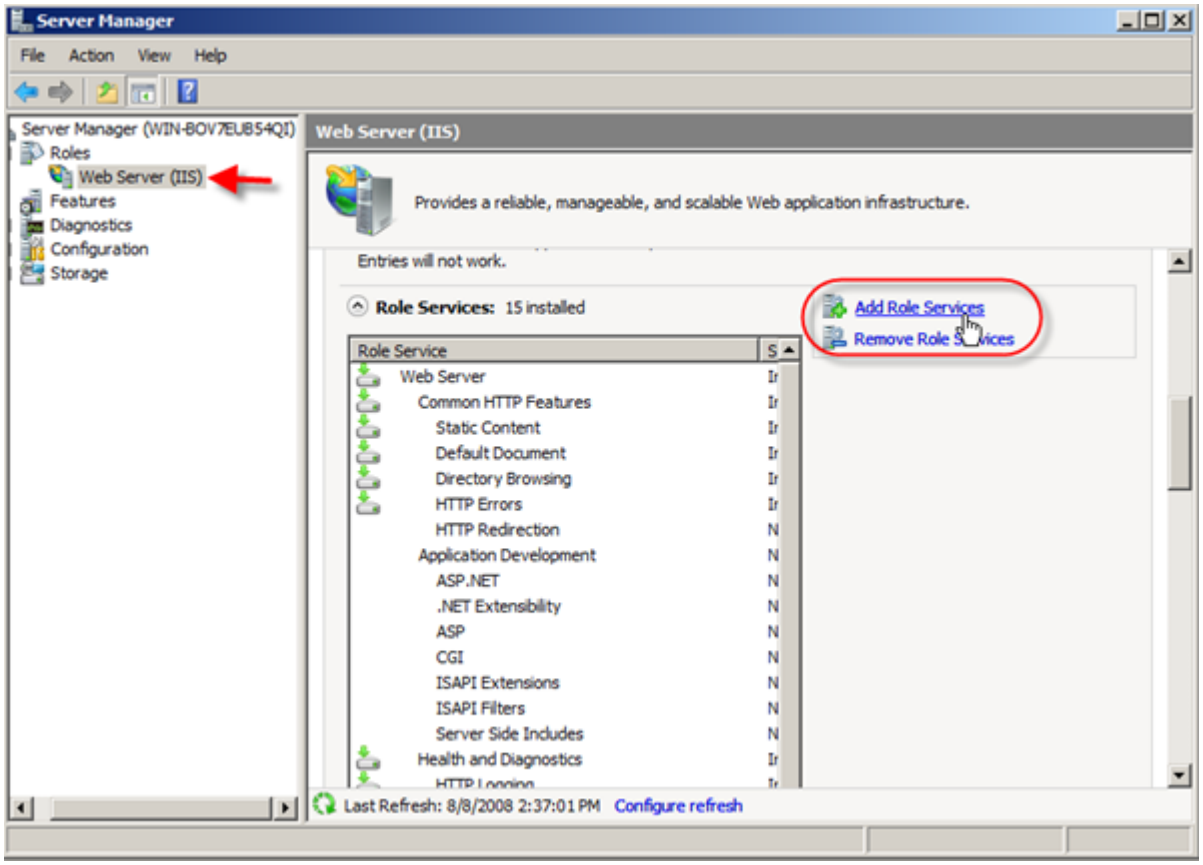
You have now installed IIS 7 and configured a static website. Just place your html files in the directory you specified when creating the site and you are good to go.



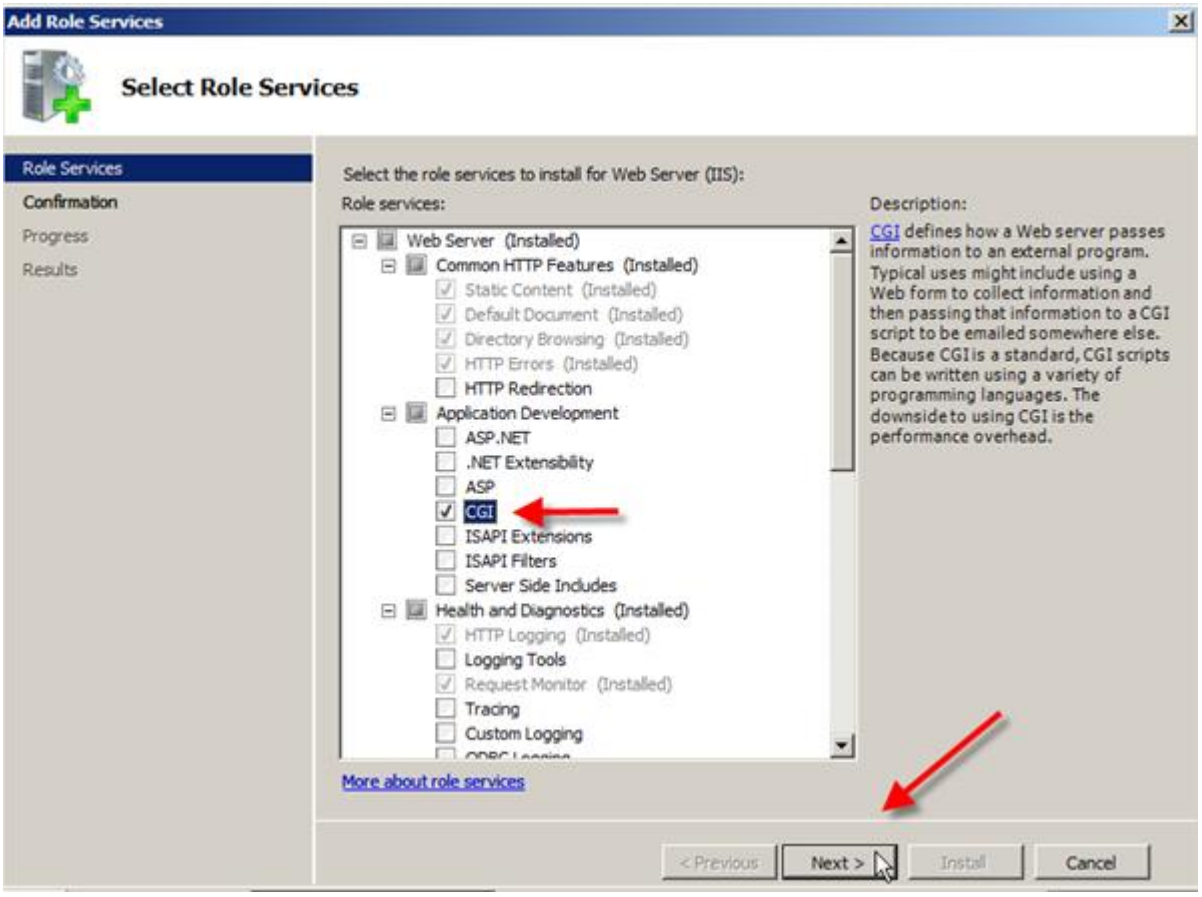
2. PHP

How to Install FastCGI on Server 2008

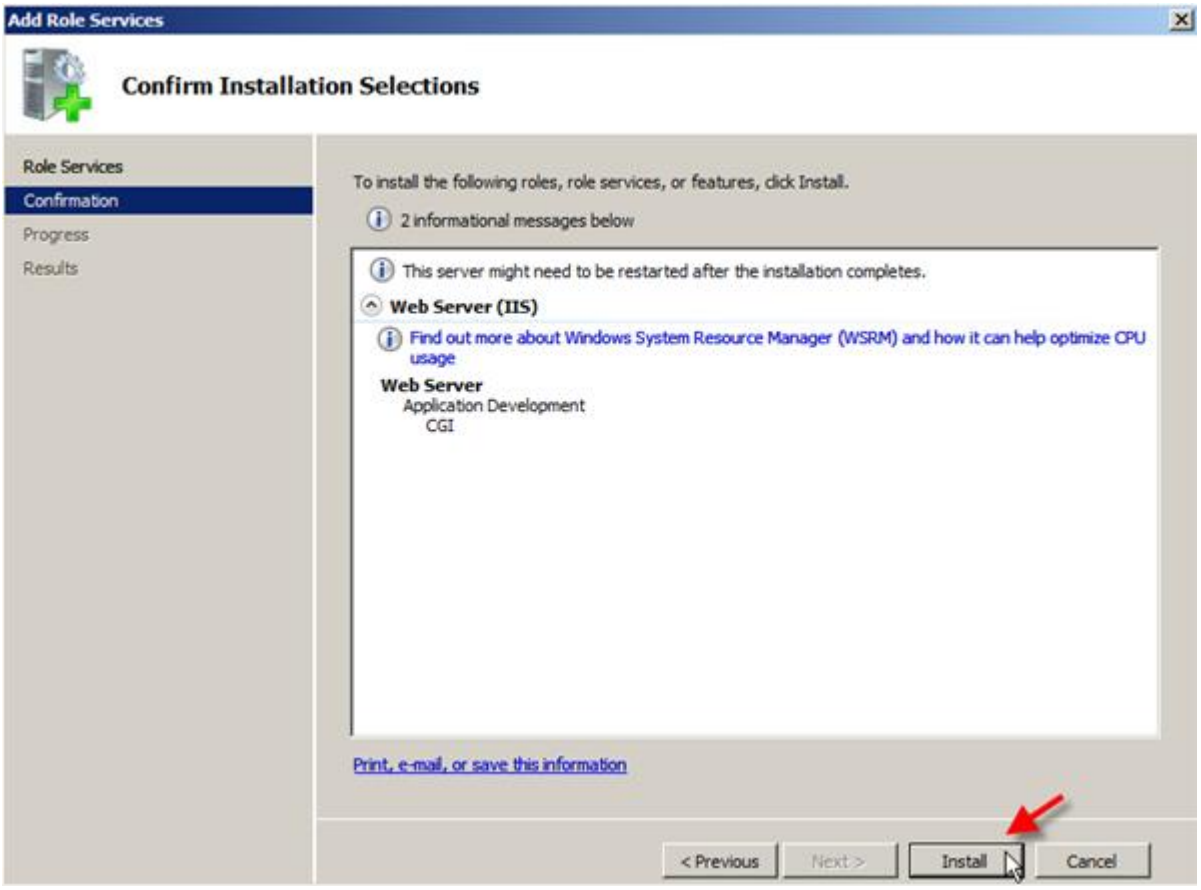
1. Open Server Manager.
2. In the left pane expand Roles and click **Web Server (IIS)**, then in the center pane scroll down and click **Add Role Services**.



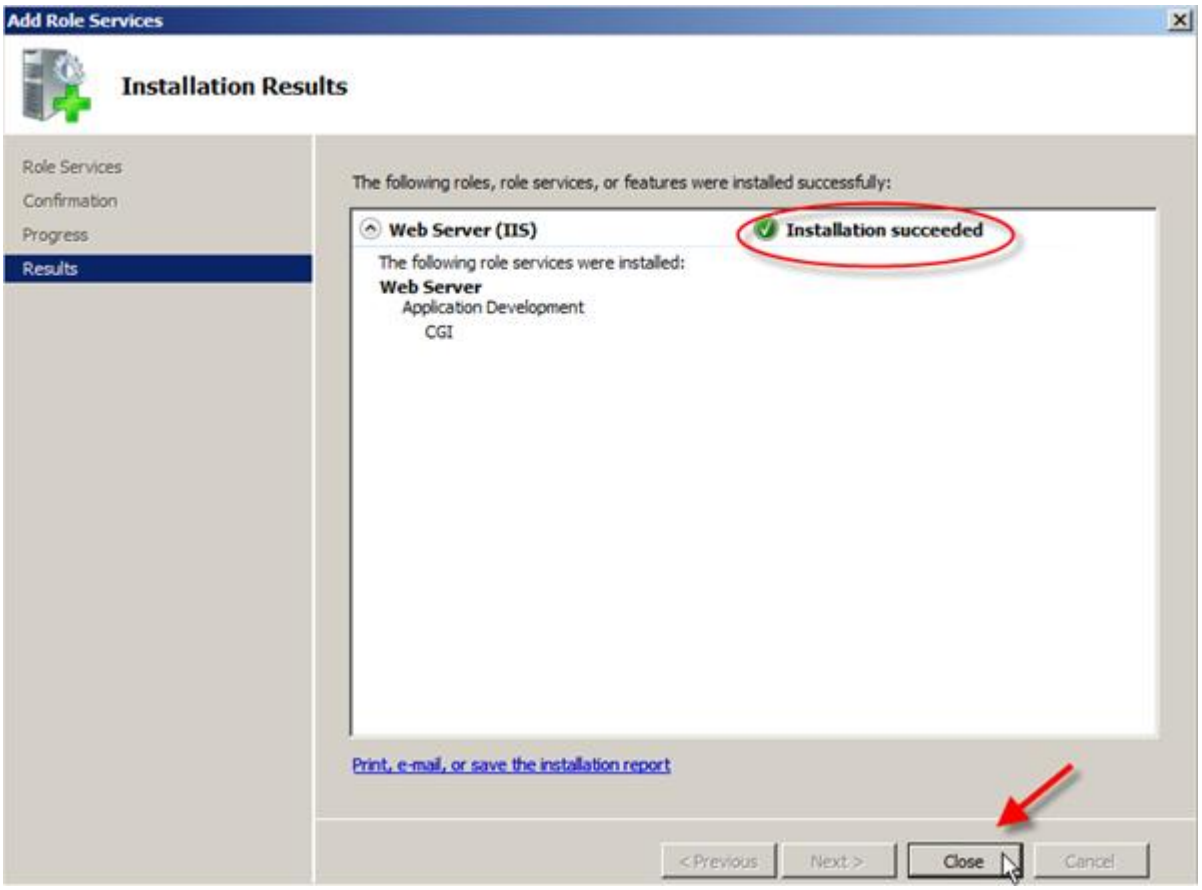
3. Next on the Select Role Services screen select **CGI**, under **Application Development**, then click **Next**.



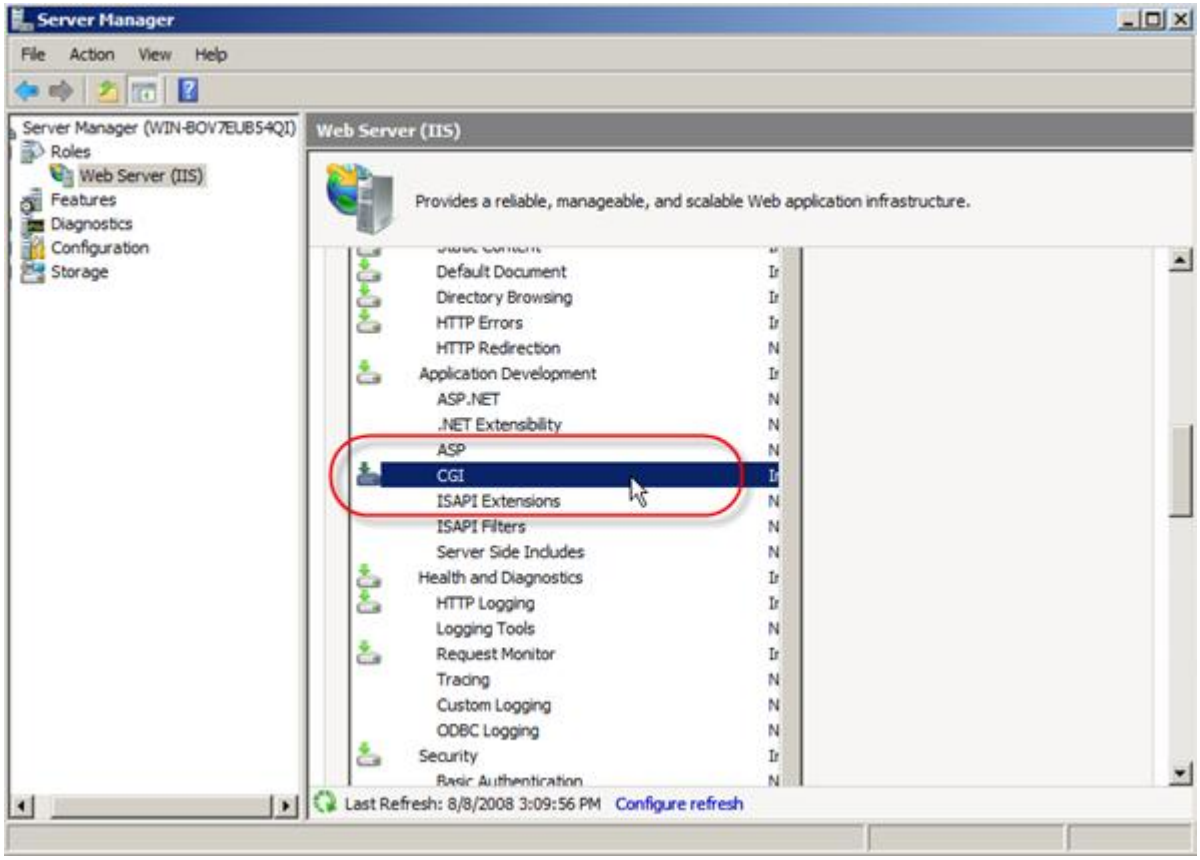
4. Confirm Installation Selections by reviewing the options you picked and then click **Install**.



5. You should see **Installation Succeeded** on the Installation Results screen; go ahead and click**Close**.

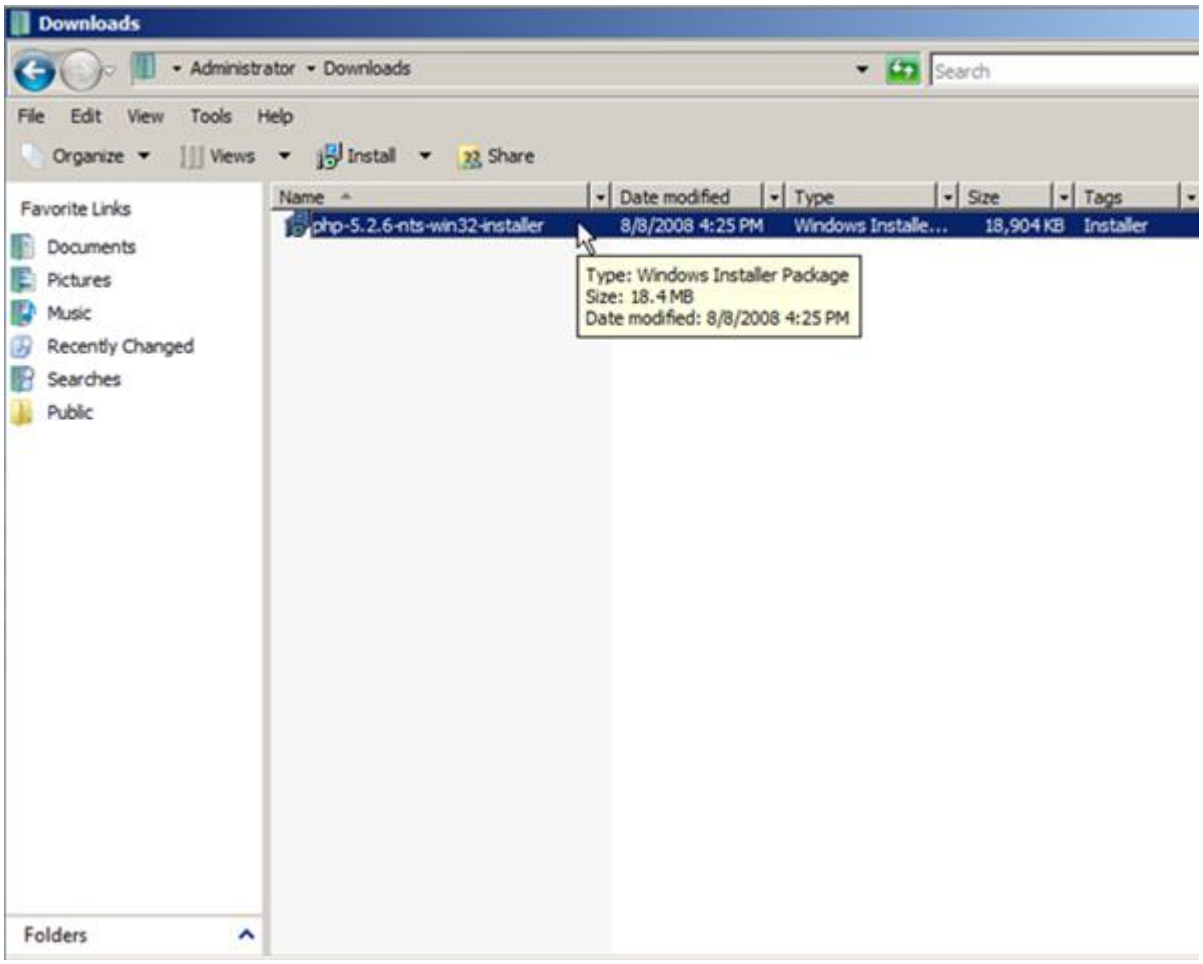


6. You will now see the **CGI** role service under the IIS panel.



3. How to Install PHP on IIS 7

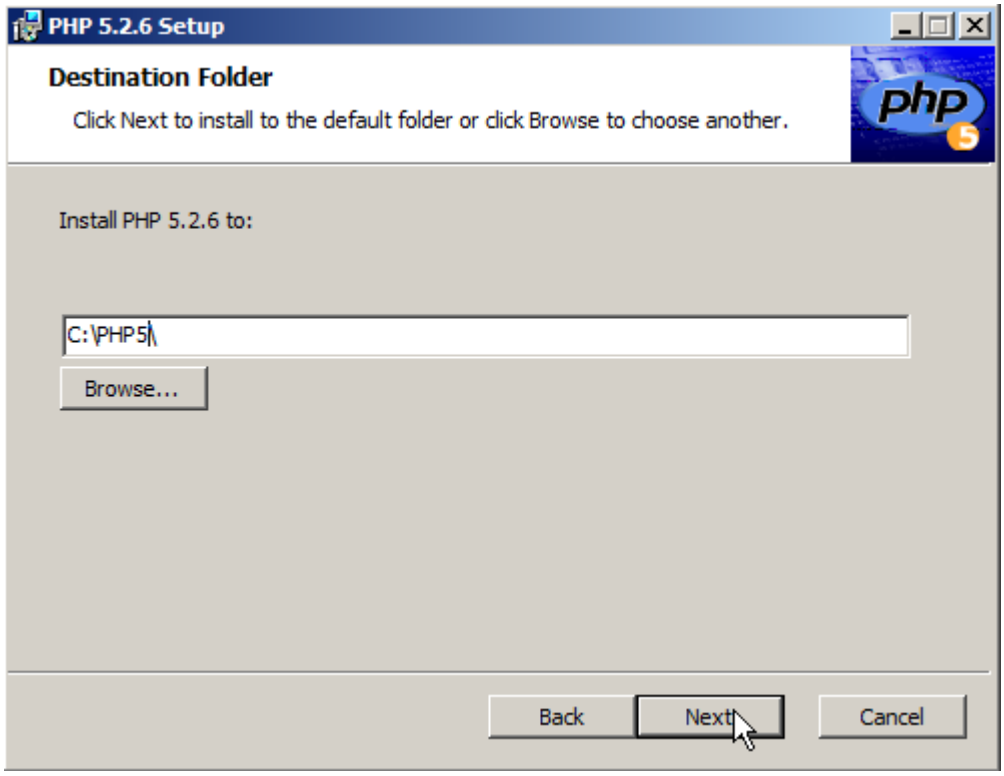
1. Left click on the **PHP Installer Binary**.



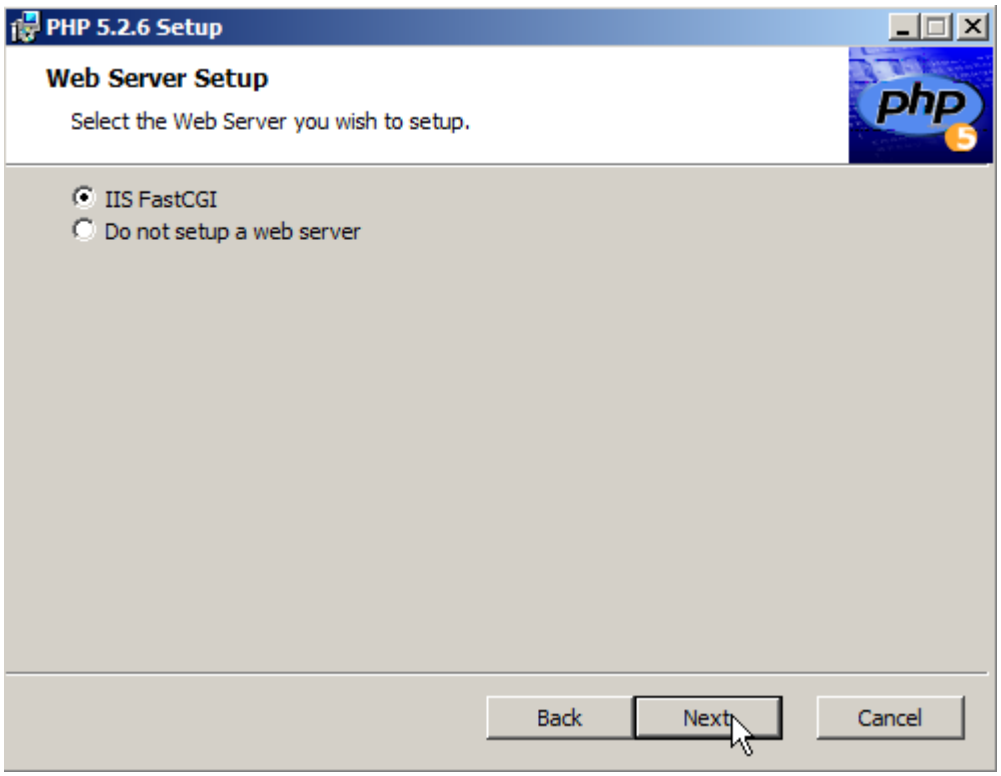
2. You will now see the PHP Setup Wizard window, go ahead and click **Next**.

3. On the End-User License Agreement, go ahead and place a check in the box accepting the terms in the License Agreement and then click **Next**.

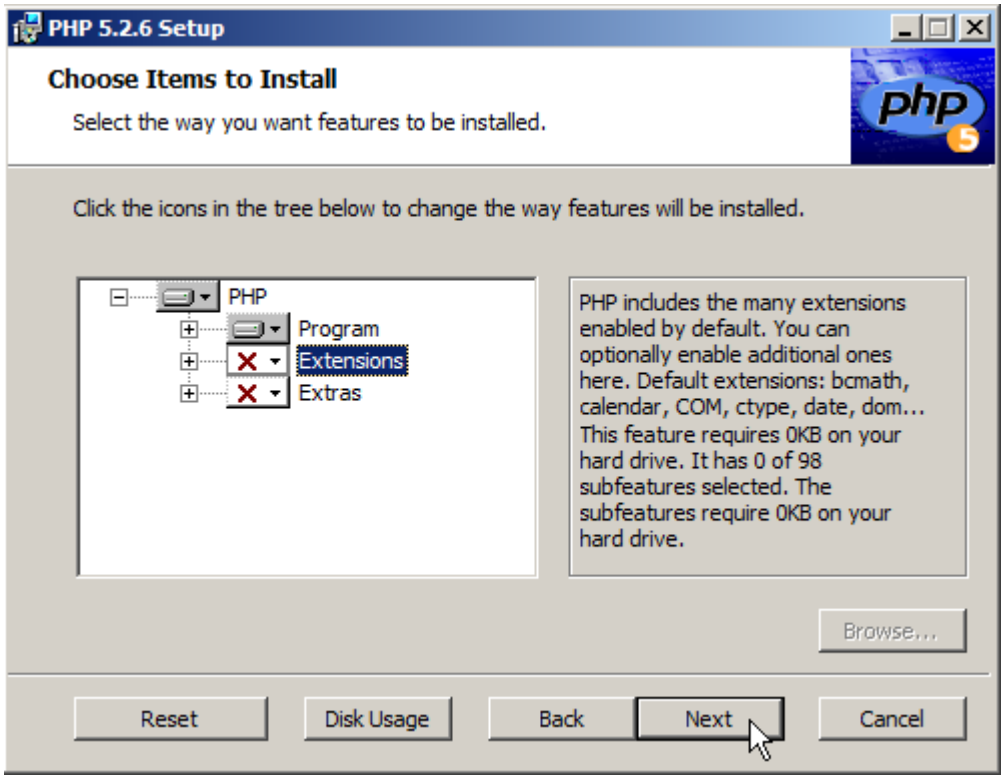
4. Now select a destination folder, for our example I am going to use **C:\PHP5**, type or navigate to where you want to install it and click **Next**.
5.



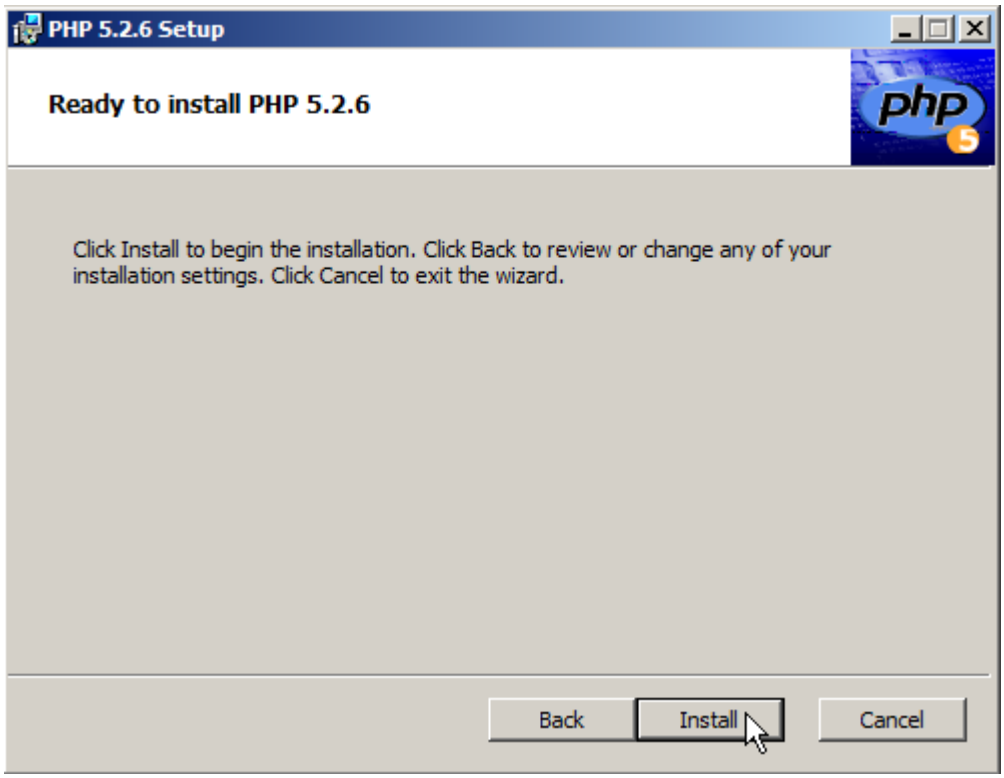
5. Now select **IIS FastCGI** as the web server and click **Next**.



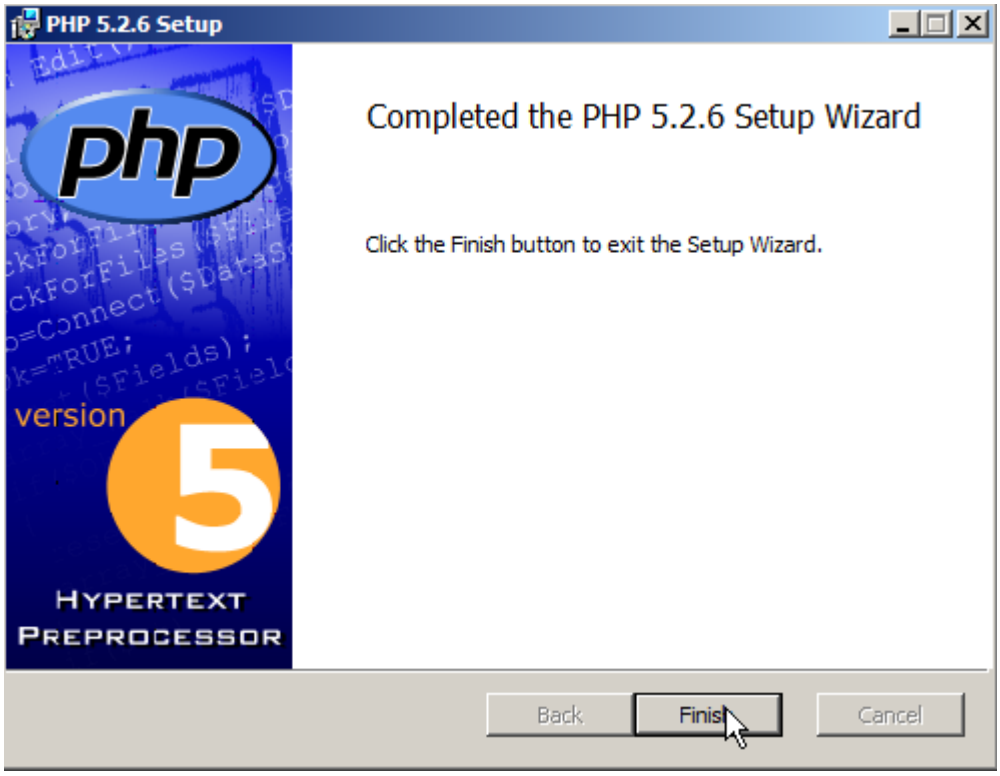
6. The Choose Items to Install screen is next. I am going to stick with the default, as adding extensions that you don't need increases your vulnerability profile.
If you have need of an additional Extension just open up the drop down and choose it, then click**Next**.



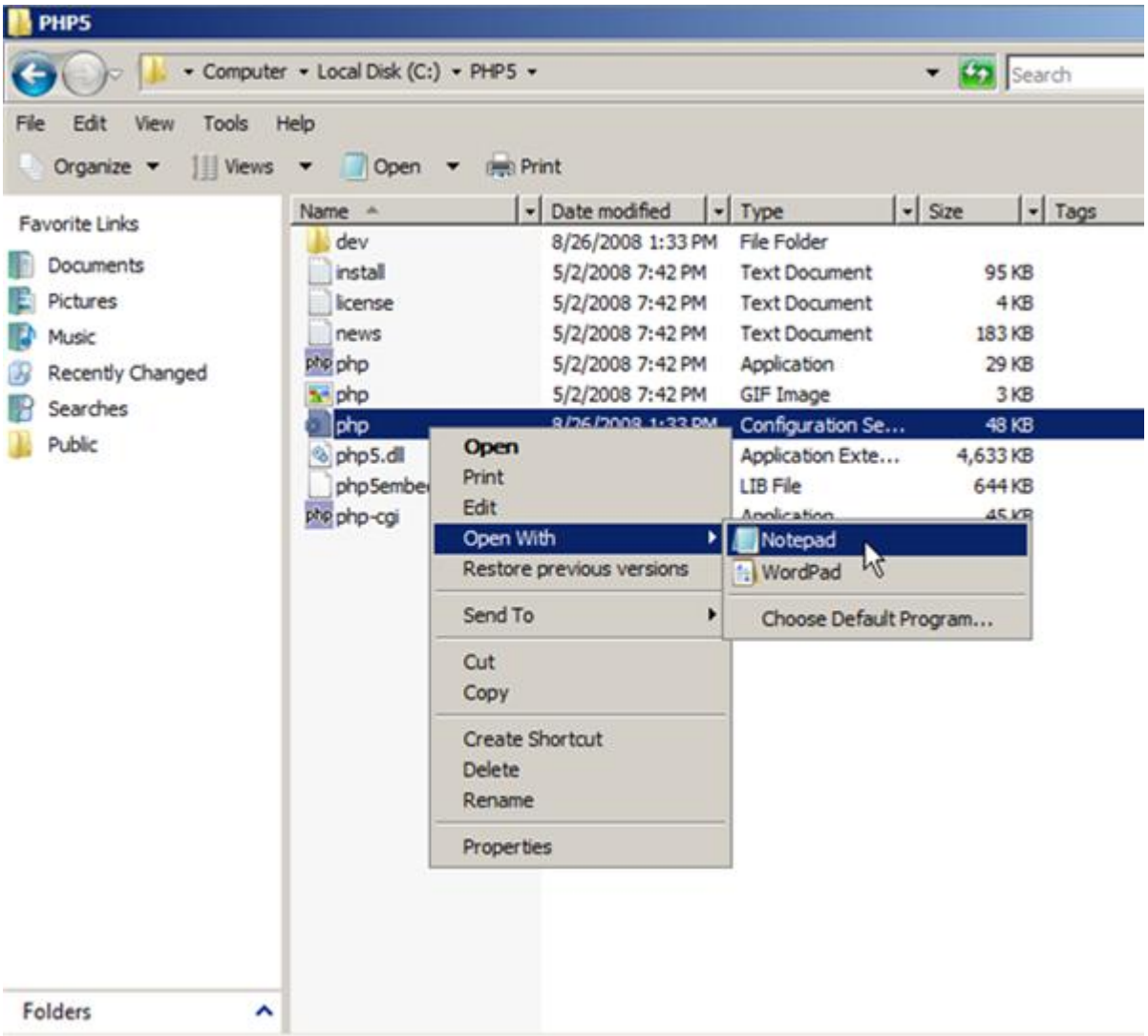
7. Here comes the big moment! Click **Install** and watch the magic happen.



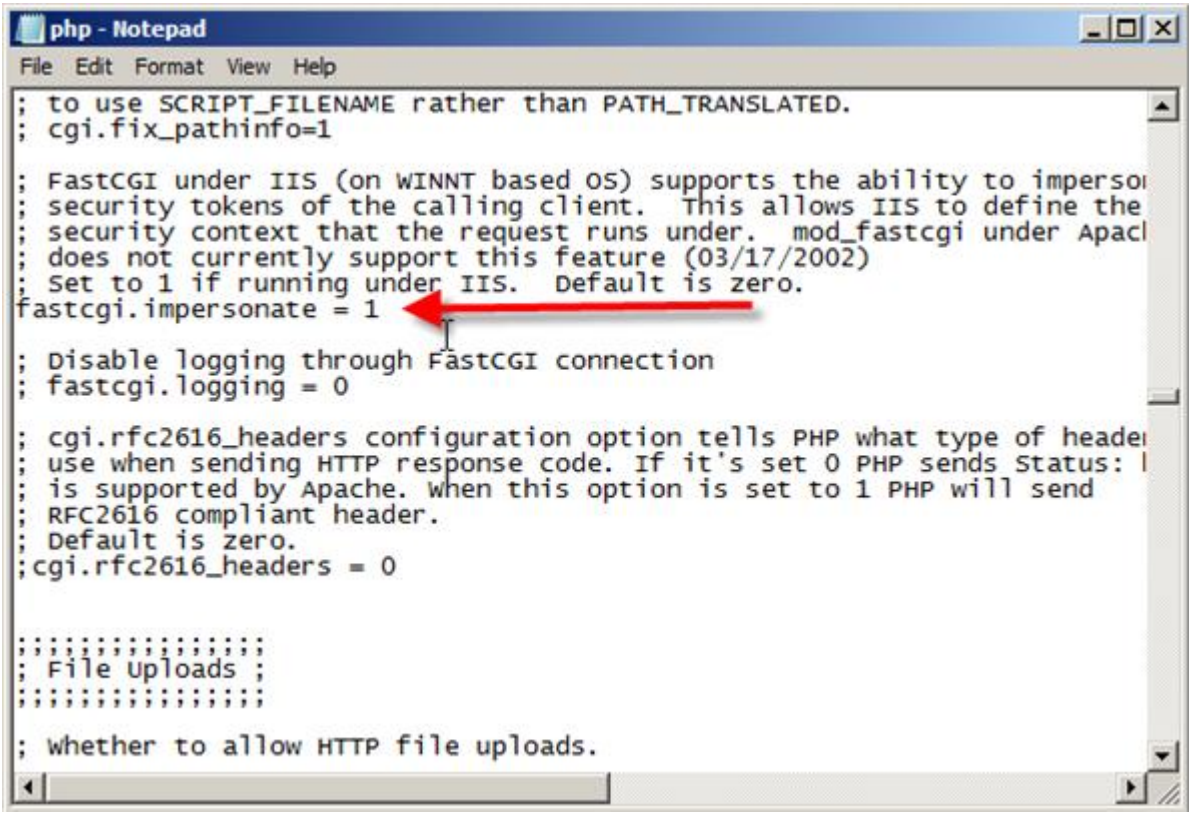
8. You should see the Setup Completion screen now. Go ahead and click **Finish**.



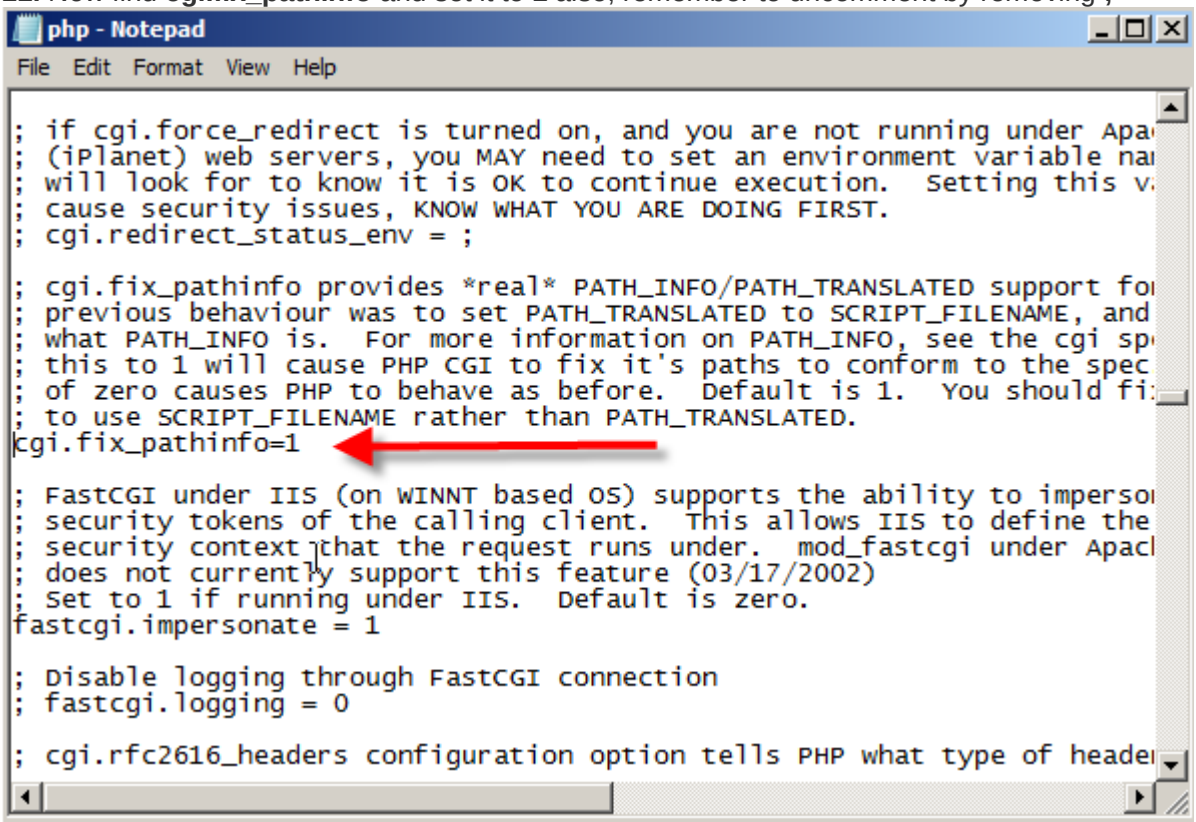
9. Ok, now we will have to make a few modifications to the way PHP handles itself so we are going to modify the **php.ini** file.
First navigate to the place you installed PHP and open **php.ini** in notepad.



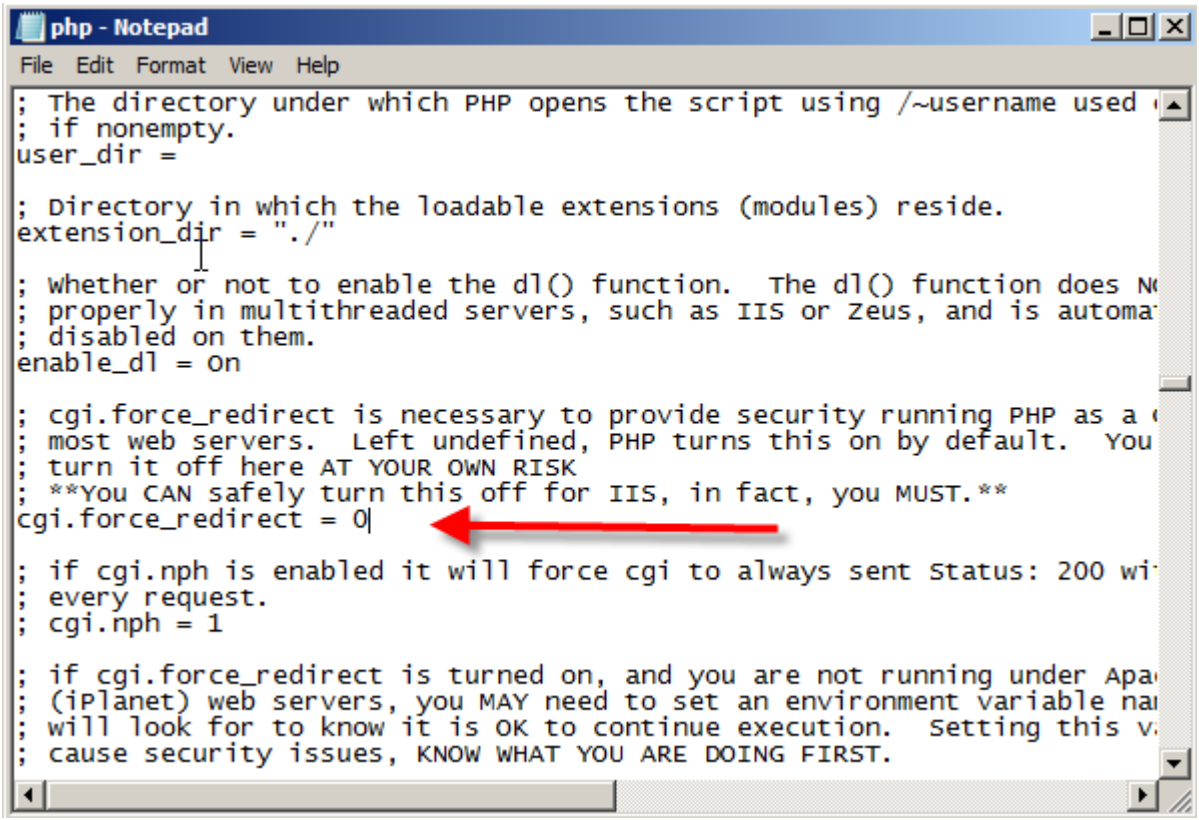
10. First let's modify **fastcgi.impersonate** and set it to 1. Remember you are going to have to uncomment these first and then change the value, and also **CTRL+F** is your friend!



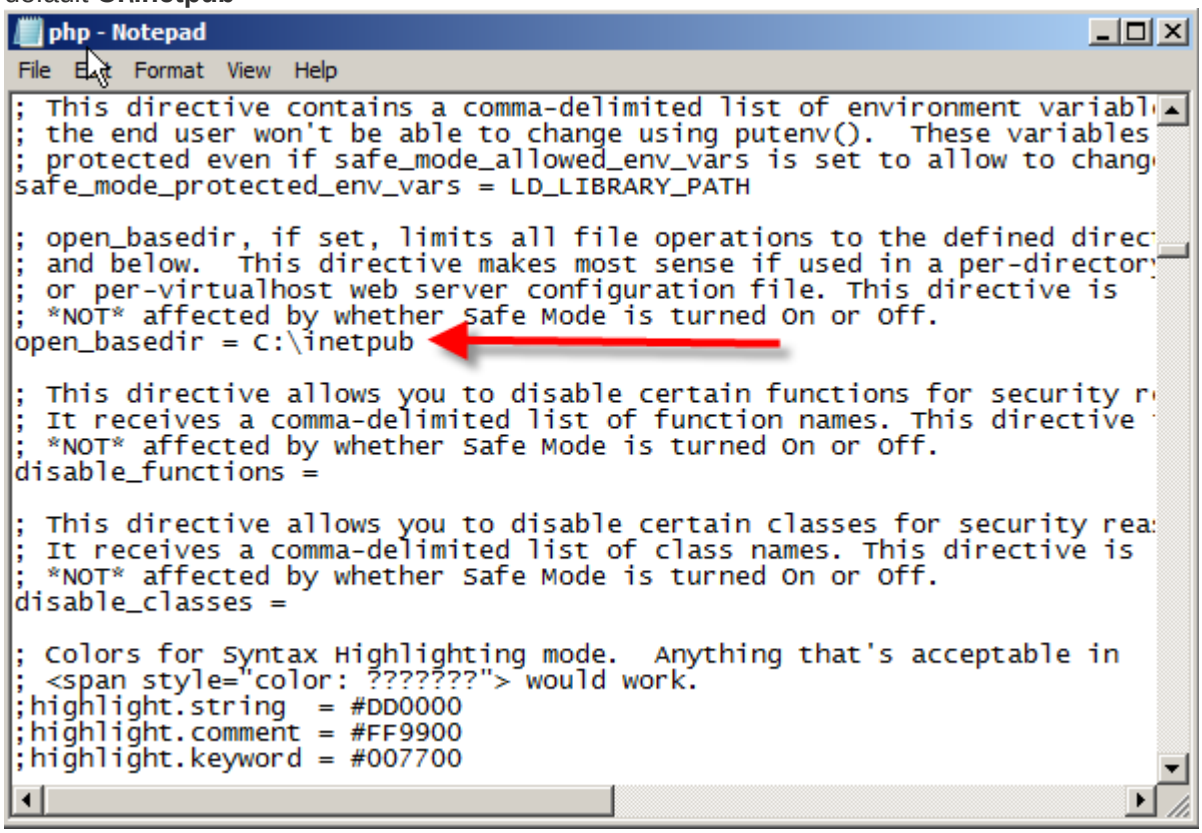
11. Now find **cgi.fix_pathinfo** and set it to **1** also, remember to uncomment by removing **;**



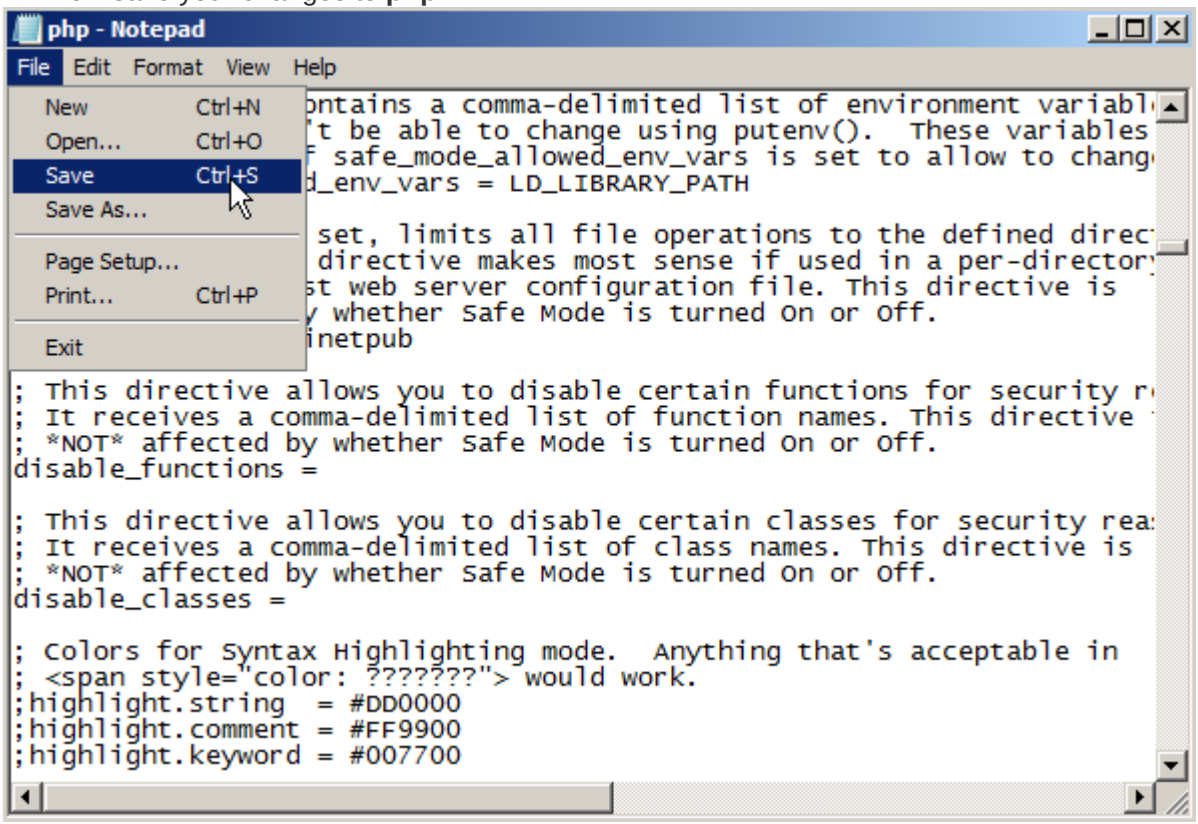
12. Next up is **cgi.force_redirect** and we are going to set this to 0, and uncomment.



13. Then let's set **open_basedir** to the root level of our website content directory, which I will use the default **C:\inetpub**



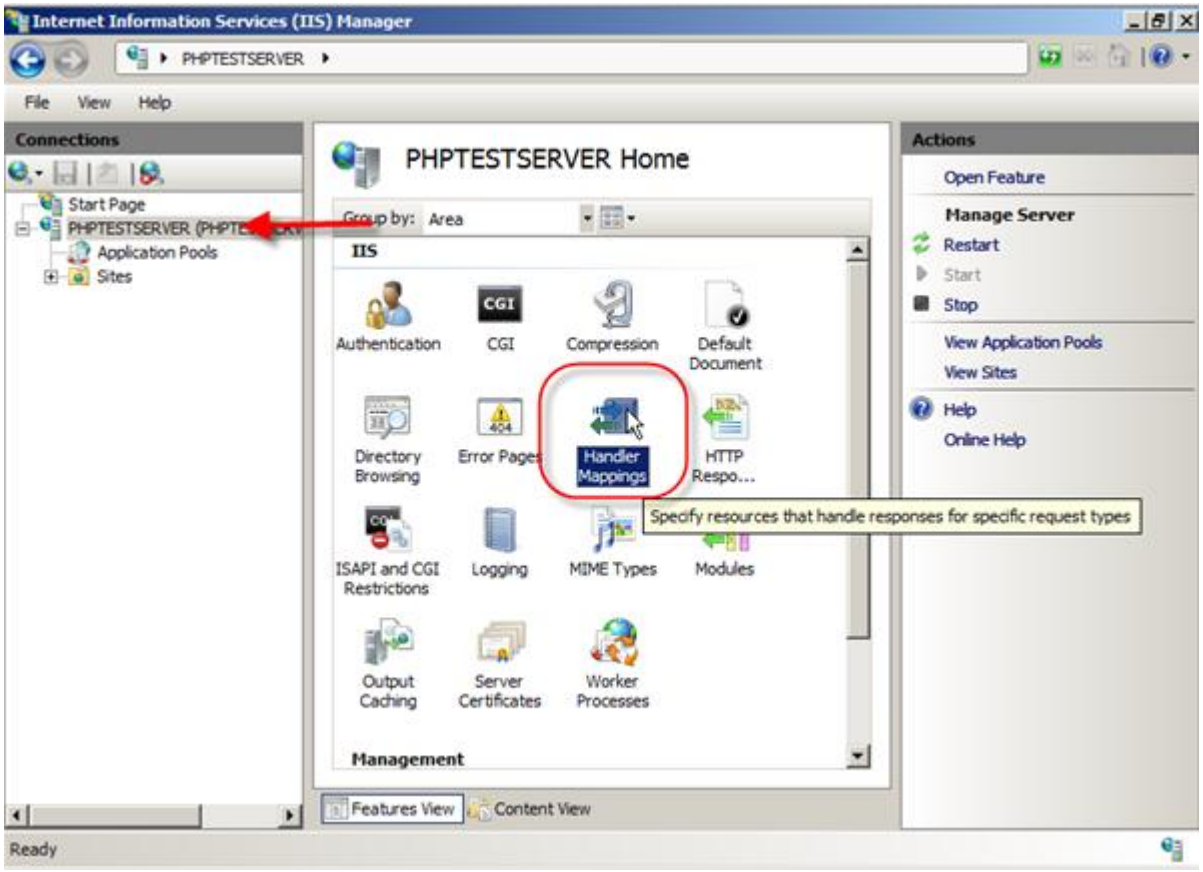
14. Now save your changes to **php.ini**



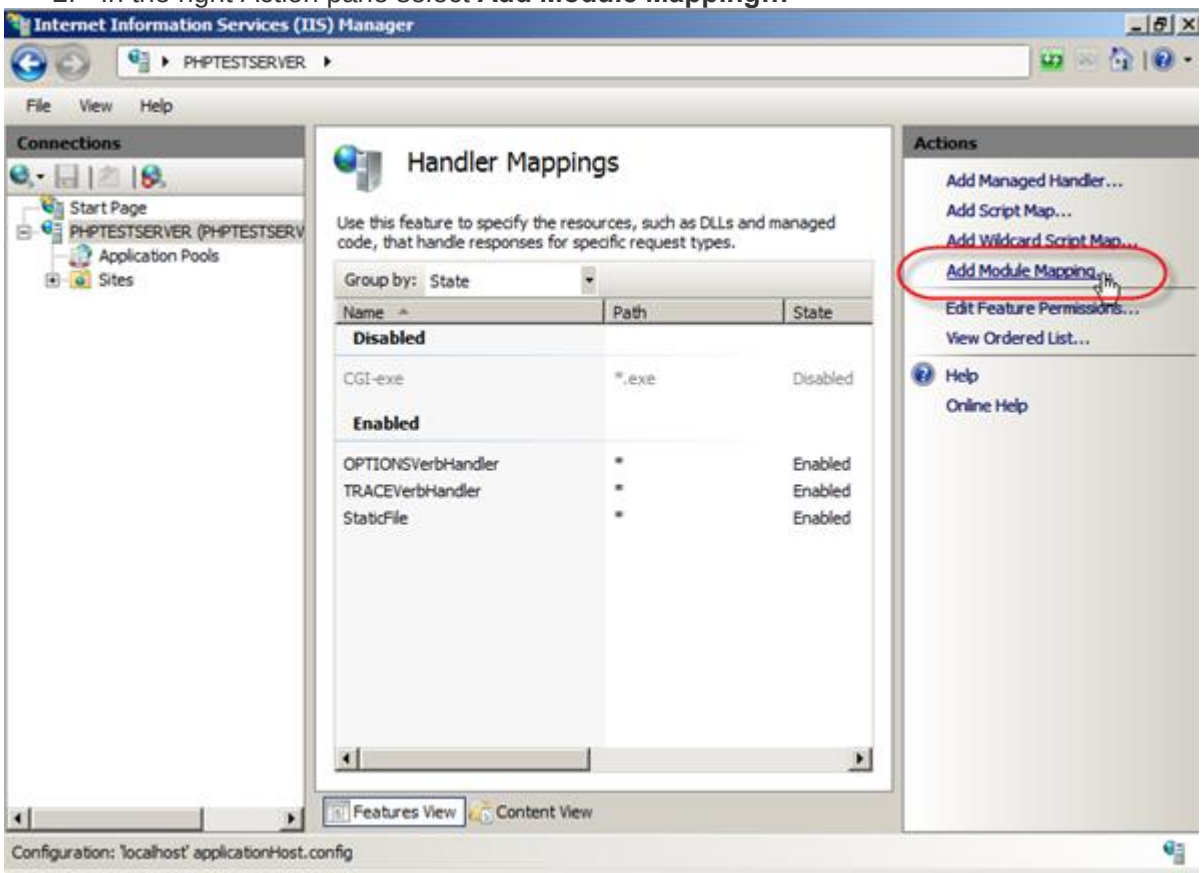
1. How to Configure IIS7 to use PHP

IIS7 can be configured to handle PHP mappings at server or site levels, but for this example we are going to set the configuration at the server level. This just basically tells the server how to handle files with **.php** type extensions.

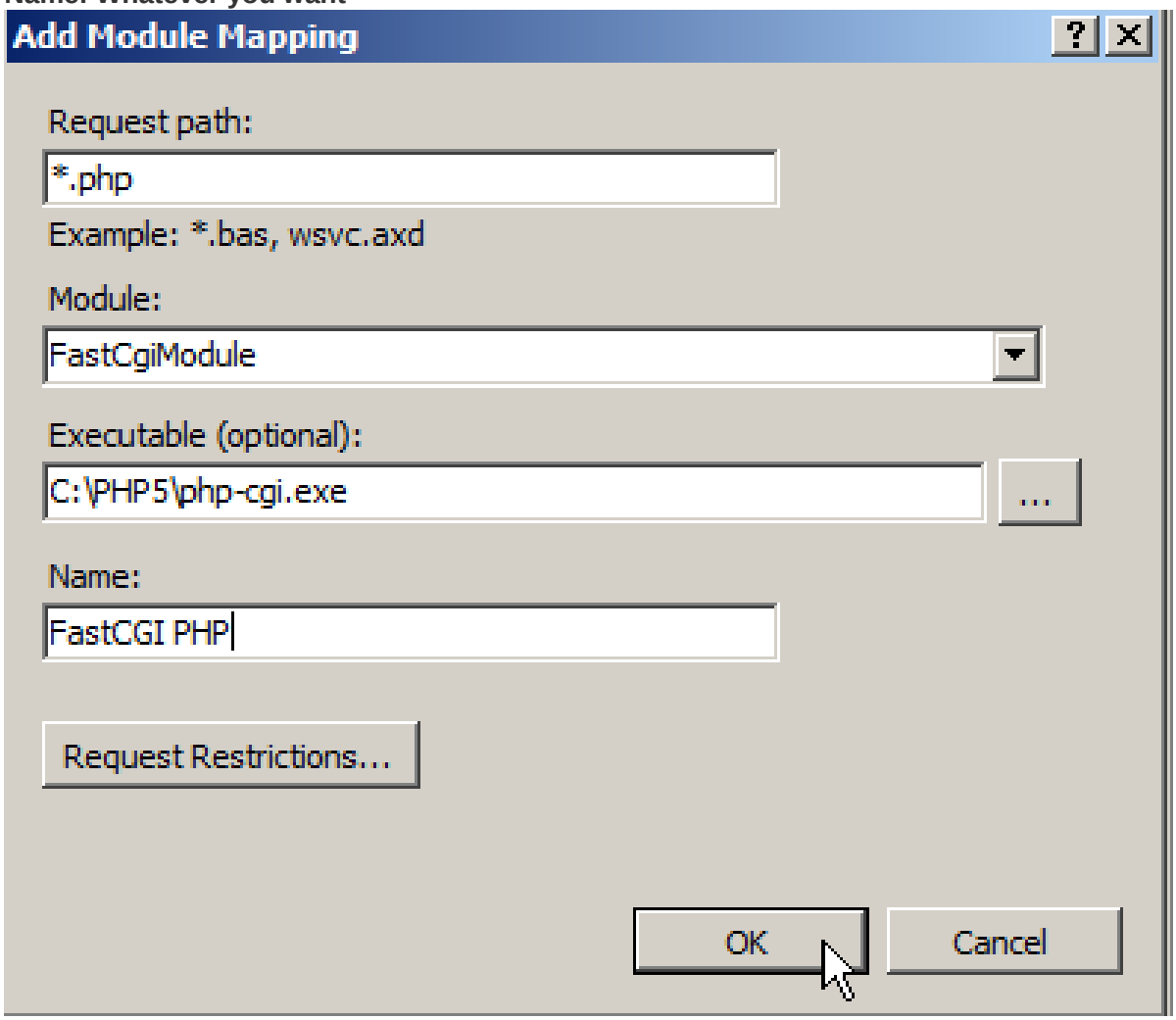
1. Open IIS Manager and select the server in the left pane and then click on **Handler Mappings**in the center pane.



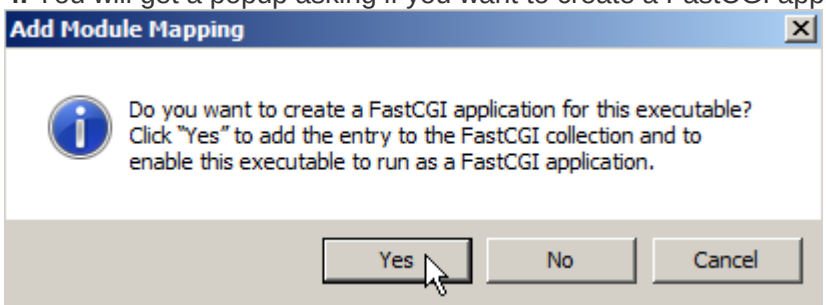
2. In the right Action pane select **Add Module Mapping…**



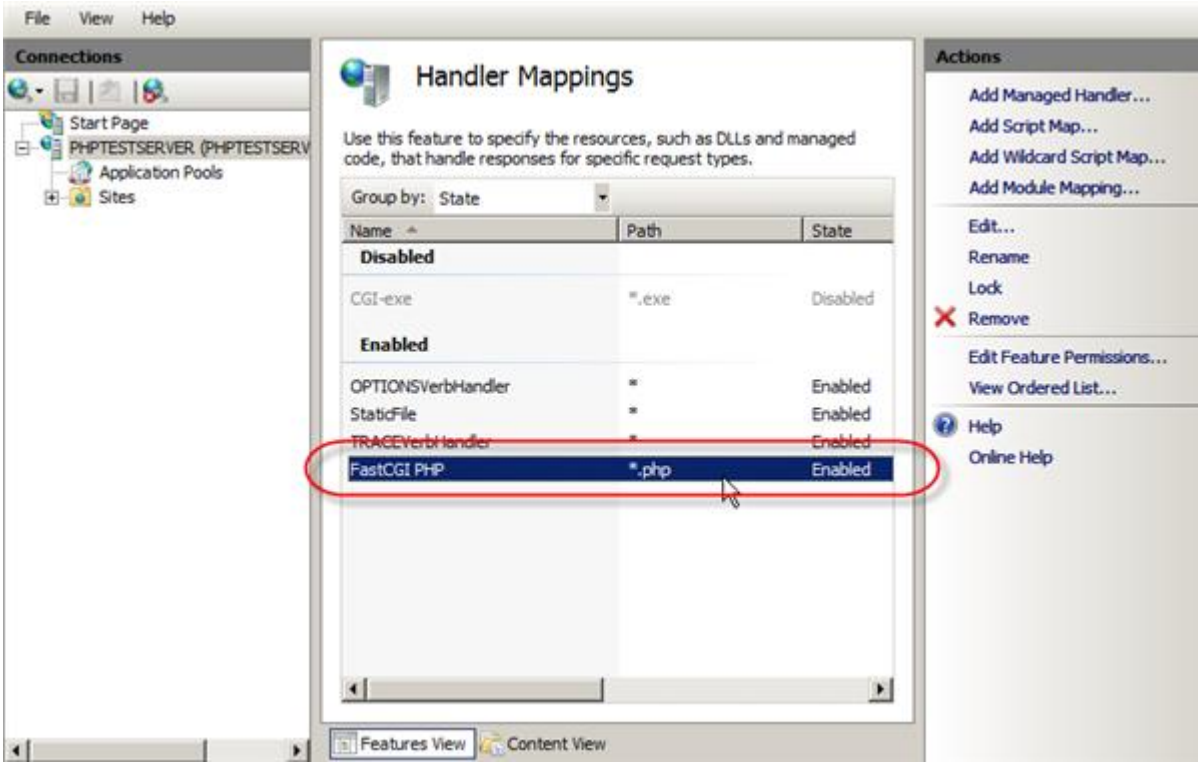
3. Fill out the following information and click **OK:**
Request Path: *.php
Module: FastCgiModule
Executable: {path to your PHP install}\php-cgi.exe
Name: Whatever you want



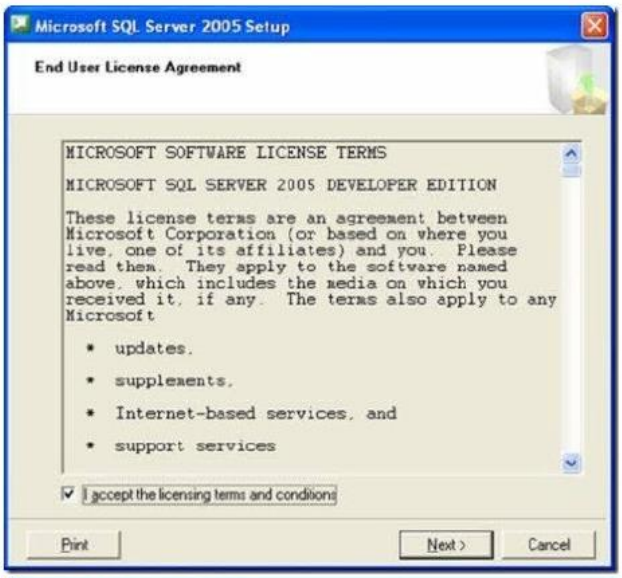
4. You will get a popup asking if you want to create a FastCGI application, go ahead and click**Yes**.

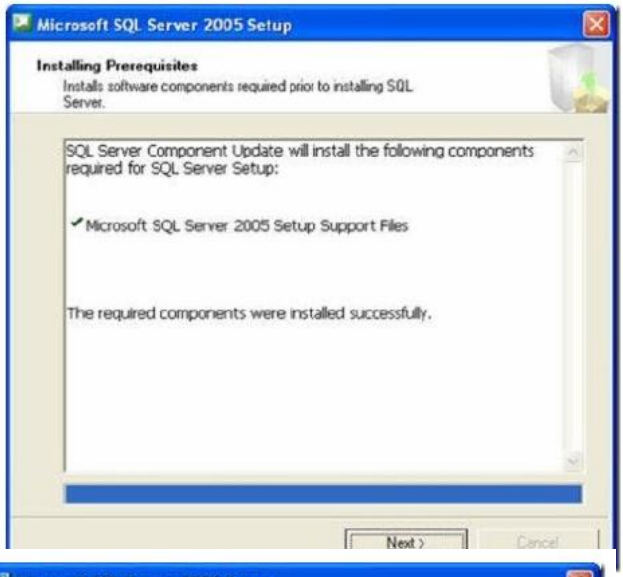


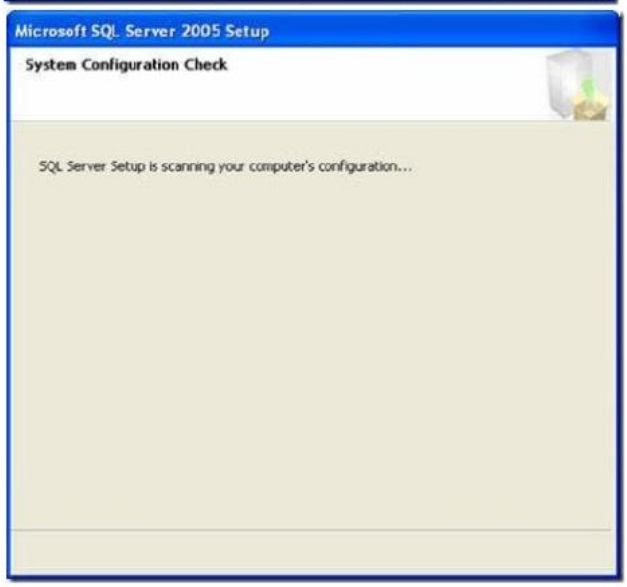
5. You will now see your enabled handler in the list.


File
View
Help
Connections
Start Page
PHPTESTSERVER (PHPTESTSERV
Application Pools
Sites
Handler Mappings
Use this feature to specify the resources, such as DLLs and managed code, that handle responses for specific request types.
Group by: State
Name
Path
State
Disabled
CGI-exe
*.exe
Disabled
Enabled
OPTIONSVerbHandler
*
Enabled
StaticFile
*
Enabled
TRACEVerbHandler
*
Enabled
FastCGI PHP
*.php
Enabled
Features View
Content View
Actions
Add Managed Handler...
Add Script Map...
Add Wildcard Script Map...
Add Module Mapping...
Edit...
Rename
Lock
Remove
Edit Feature Permissions...
View Ordered List...
Help
Online Help

6. MSSQL

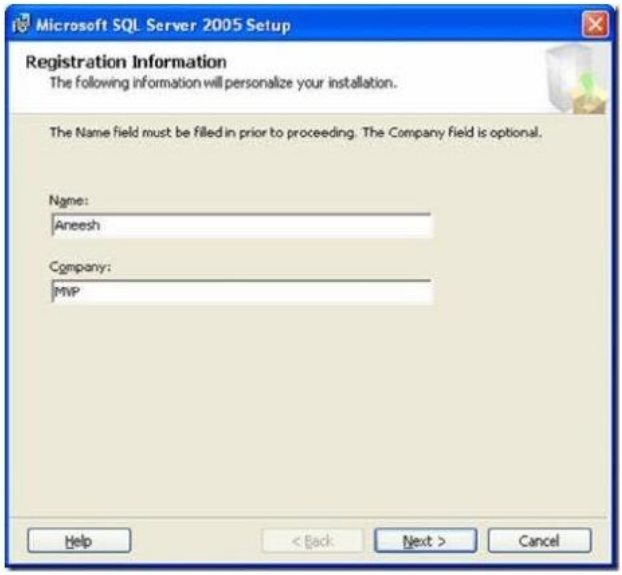

Microsoft SQL Server 2005 Setup
End User License Agreement
MICROSOFT SOFTWARE LICENSE TERMS
MICROSOFT SQL SERVER 2005 DEVELOPER EDITION
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft
updates,
supplements,
Internet-based services, and
support services
I accept the licensing terms and conditions
Print
Next >
Cancel

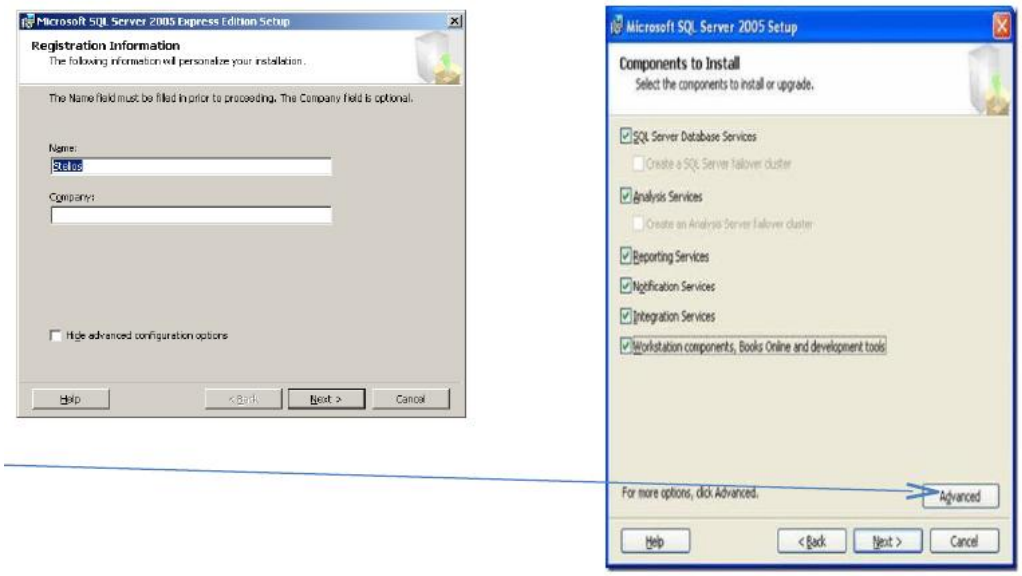

Microsoft SQL Server 2005 Setup
Installing Prerequisites
Installs software components required prior to installing SQL Server.
SQL Server Component Update will install the following components required for SQL Server Setup:
Microsoft SQL Server 2005 Setup Support Files
The required components were installed successfully.
Next >
Cancel


Microsoft SQL Server 2005 Setup
System Configuration Check
SQL Server Setup is scanning your computer's configuration...


Microsoft SQL Server 2005 Setup
Welcome to the Microsoft SQL Server Installation Wizard
Setup will help you install, modify or remove Microsoft SQL Server. To continue, click Next.
< Back
Next >
Cancel

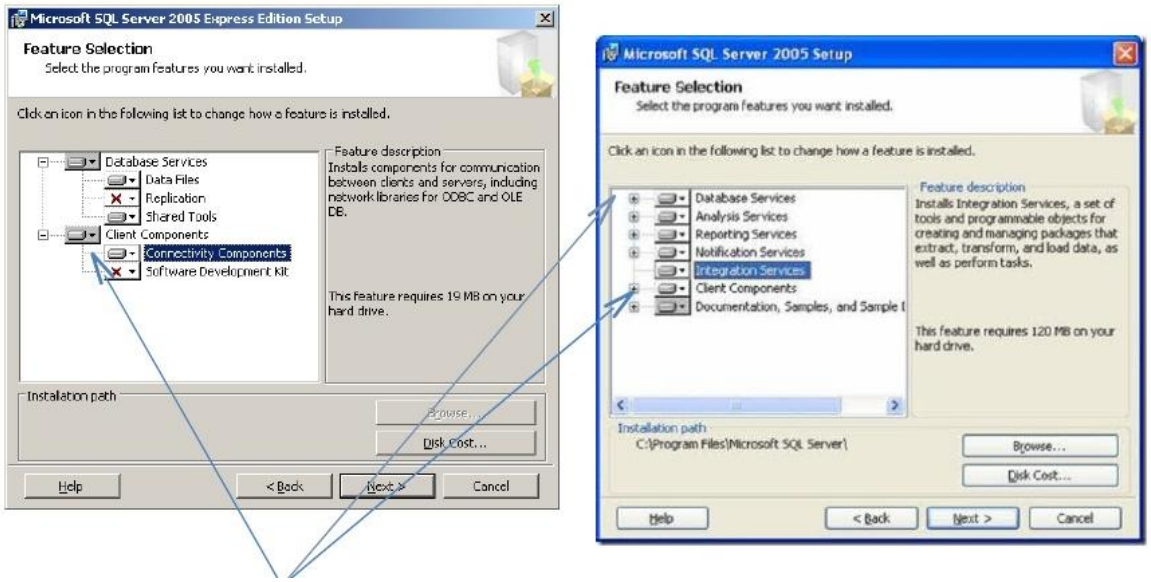

Microsoft SQL Server 2005 Setup
System Configuration Check
Wait while the system is checked for potential installation problems.
Success
14 Total
13 Success
0 Error
1 Warning
Details:
Action
Status
Message
IIS Feature Requirement
Success
Pending Reboot Requirement
Success
Performance Monitor Counter Require...
Success
Default Installation Path Permission Re...
Success
Internet Explorer Requirement
Success
COM Plus Catalog Requirement
Success
ASP.Net Version Registration Require...
Success
Minimum MDAC Version Requirement
Success
Filter
Stop
Report
Help
Next >


Microsoft SQL Server 2005 Setup
Registration Information
The following information will personalize your installation.
The Name field must be filled in prior to proceeding. The Company field is optional.
Name:
Aneesh
Company:
MVP
Help
< Back
Next >
Cancel



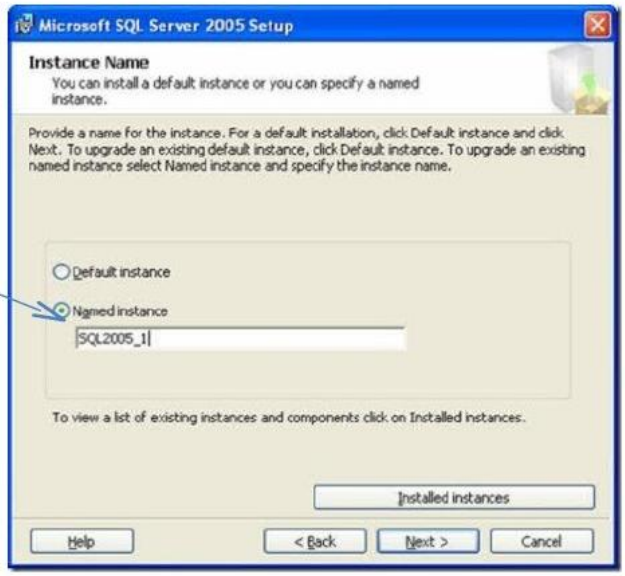
Click Advanced!

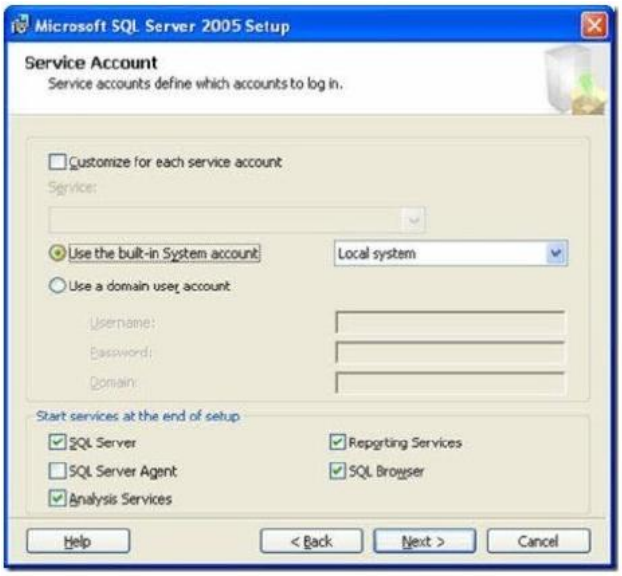
Or uncheck“the hide advanced configuration” options



We need SQL Database Server Client.(Components screens for sql 2005&express Edition Sql server 2005)Edition

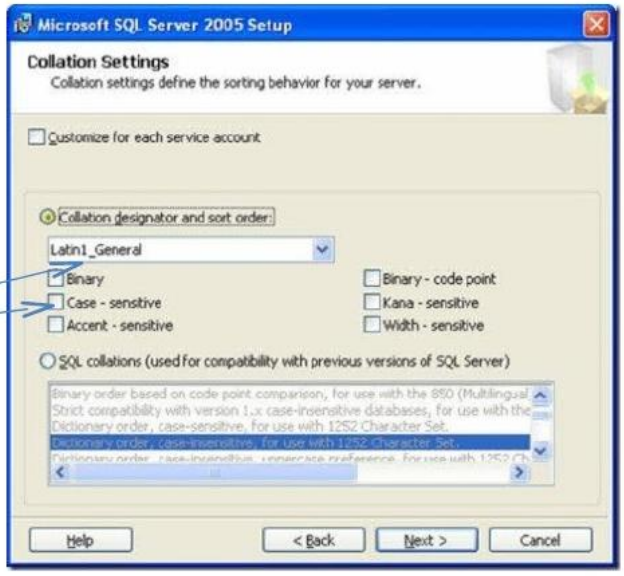
Once you click 'next', it will ask for whether to install SQL as a Default Instance or as a Named Instance . As you can see in the following diagram, I have chosen a named instance DCDATA





The next screen prompts you to select service account details, You have to select local system account .


Microsoft SQL Server 2005 Setup
Authentication Mode
The authentication mode specifies the security used when connecting to SQL Server.
Select the authentication mode to use for this installation.
Windows Authentication Mode
Mixed Mode (Windows Authentication and SQL Server Authentication)
Specify the sa logon password below:
Enter password:
Confirm password:
Help
< Back
Next >
Cancel


Microsoft SQL Server 2005 Setup
Collation Settings
Collation settings define the sorting behavior for your server.
Customize for each service account
Collation designator and sort order:
Latin1_General
Binary
Case - sensitive
Accent - sensitive
Binary - code point
Kana - sensitive
Width - sensitive
SQL collations (used for compatibility with previous versions of SQL Server)
Help
< Back
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Cancel


Microsoft SQL Server 2005 Setup
Error and Usage Report Settings
Help Microsoft improve some of the SQL Server 2005 components and services.
Automatically send Error reports for SQL Server 2005 to Microsoft or your corporate error reporting server. Error reports include information regarding the condition of SQL Server 2005 when an error occurred, your hardware configuration and other data. Error reports may unintentionally include personal information, which will not be used by Microsoft.
Automatically send Feature Usage data for SQL Server 2005 to Microsoft. Usage data includes anonymous information about your hardware configuration and how you use our software and services.
For more information on the error reporting feature and the type of information sent, click Help.
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Microsoft SQL Server 2005 Setup
Ready to Install
Setup is ready to begin installation.
Setup has enough information to start copying the program files. To proceed, click Install. To change any of your installation settings, click Back. To exit setup, click Cancel.
The following components will be installed:
SQL Server Database Services
(Database Services, Replication, Full-Text Search)
Analysis Services
Reporting Services
(Reporting Services, Report Manager)
The following components that you selected will not be changed:
Notification Services
Integration Services
Client Components
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Microsoft SQL Server 2005 Setup
Setup Progress
The selected components are being configured
Product
Status
SQL Setup Support Files
Setup finished
SQL Native Client
Setup finished
SQL VSS Writer
Setup finished
OWC11
Setup finished
SQL Server Backward-Compatibility Files
Setup finished
SQL Server Database Services
Setup finished
Analysis Services
Setup finished
Reporting Services
Setup finished
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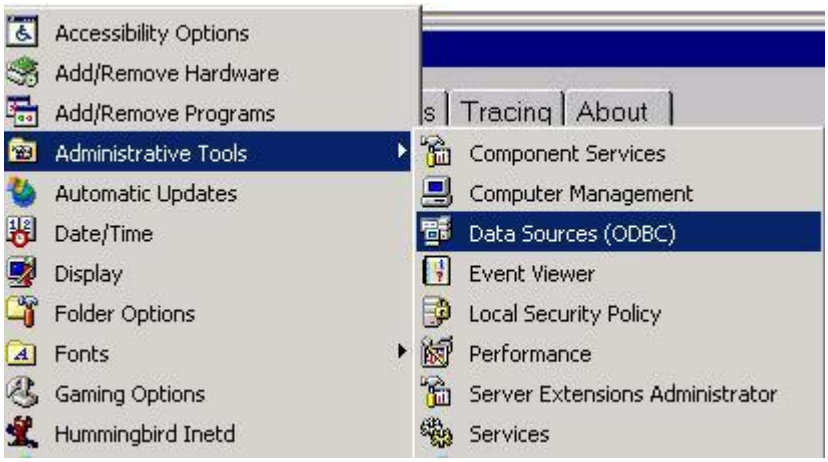
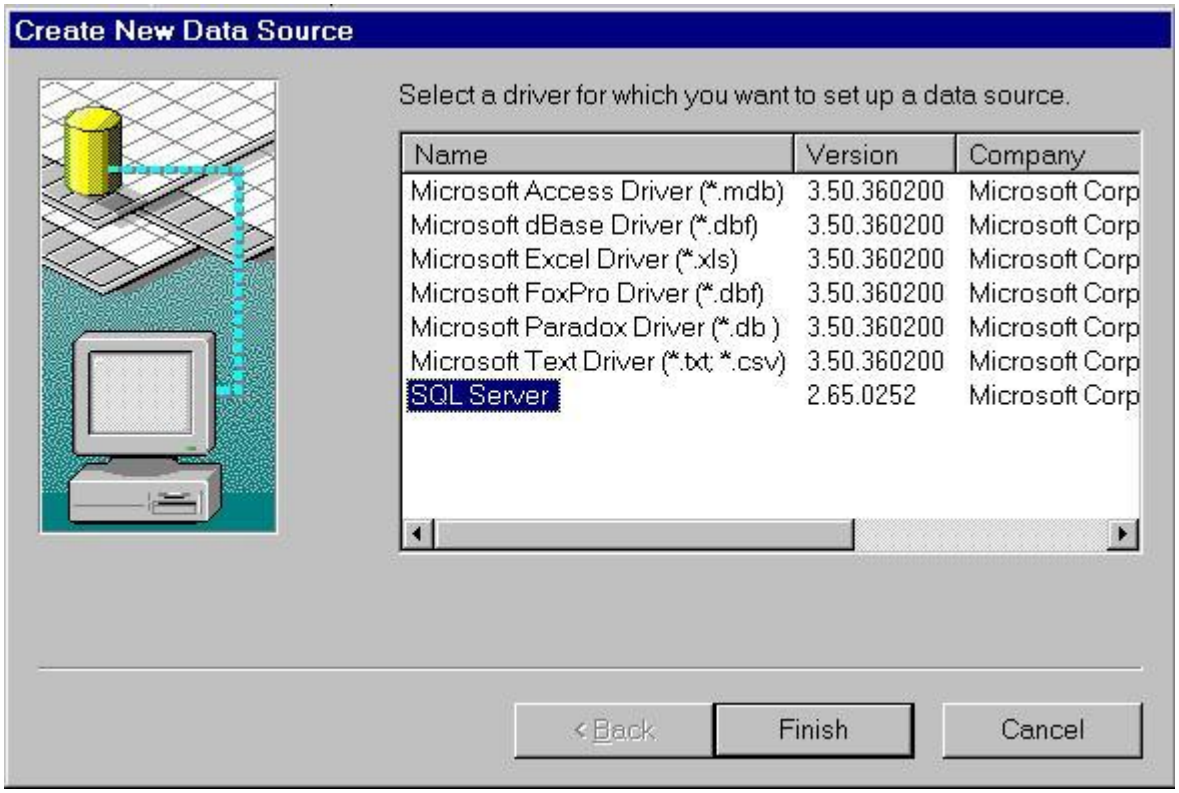
Microsoft SQL Server 2005 Setup
Completing Microsoft SQL Server 2005 Setup
Setup has finished configuration of Microsoft SQL Server 2005
Refer to the setup error logs for information describing any failure(s) that occurred during setup. Click Finish to exit the installation wizard.
Summary Log
To minimize the server surface area of SQL Server 2005, some features and services are disabled by default for new installations. To configure the surface area of SQL Server, use the
Surface Area Configuration tool.
Analysis Services
If Analysis Services was upgraded from SQL Server 2000, all cubes, dimensions, and mining models must be reprocessed using SQL Server Management Studio.
Reporting Services
The Reporting Services installation options you specified in Setup determine whether further configuration is required before you can access the report server. If you installed the default configuration, the report server can be used immediately. If you installed just the program
Help
Finish

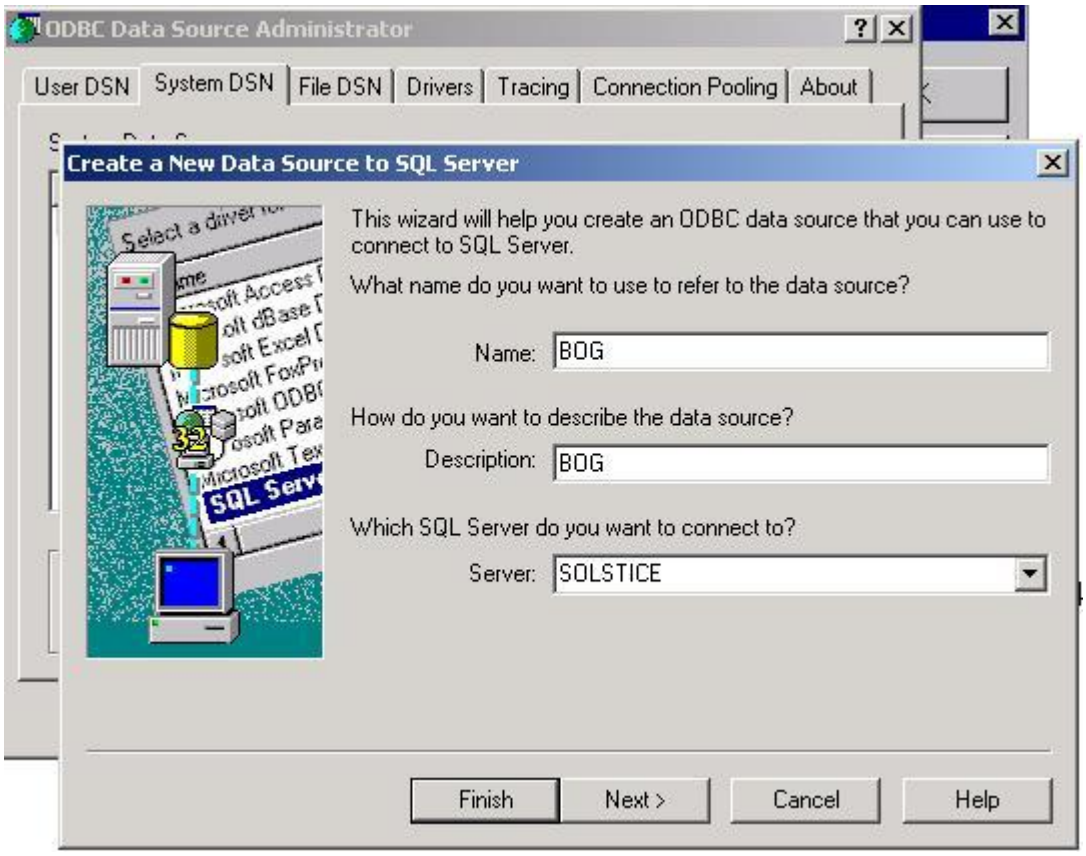
Connect to the database engine of SQL server using SQL Server Management Studio.

Server name => Instance

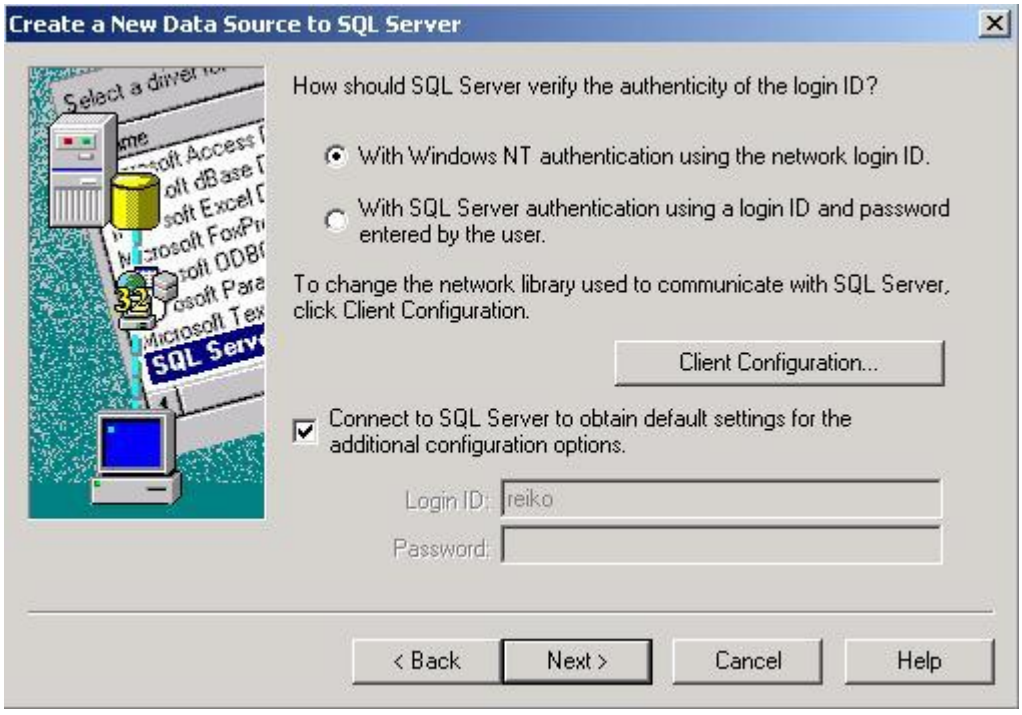
7. ODBC


Accessibility Options
Add/Remove Hardware
Add/Remove Programs
Administrative Tools
Automatic Updates
Date/Time
Display
Folder Options
Fonts
Gaming Options
Hummingbird Inetd
s
Tracing
About
Component Services
Computer Management
Data Sources (ODBC)
Event Viewer
Local Security Policy
Performance
Server Extensions Administrator
Services


Create New Data Source
Select a driver for which you want to set up a data source.
Name
Version
Company
Microsoft Access Driver (*.mdb) 3.50.360200 Microsoft Corp
Microsoft dBase Driver (*.dbf) 3.50.360200 Microsoft Corp
Microsoft Excel Driver (*.xls) 3.50.360200 Microsoft Corp
Microsoft FoxPro Driver (*.dbf) 3.50.360200 Microsoft Corp
Microsoft Paradox Driver (*.db) 3.50.360200 Microsoft Corp
Microsoft Text Driver (*.txt; *.csv) 3.50.360200 Microsoft Corp
SQL Server 2.65.0252 Microsoft Corp
< Back
Finish
Cancel

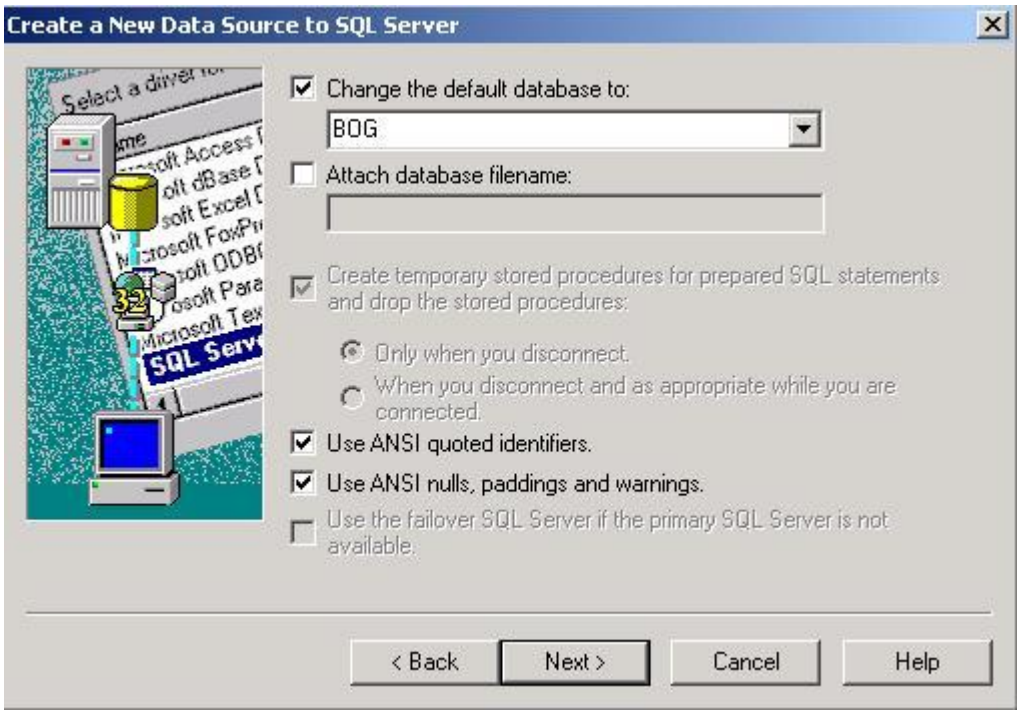


Server => MsSQL instance name



Select: With SQL server authentication.

Where default user name is »**sa**«.


Create a New Data Source to SQL Server
Change the default database to:
BOG
Attach database filename:
Create temporary stored procedures for prepared SQL statements and drop the stored procedures:
Only when you disconnect.
When you disconnect and as appropriate while you are connected.
Use ANSI quoted identifiers.
Use ANSI nulls, paddings and warnings.
Use the failover SQL Server if the primary SQL Server is not available.
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Cancel
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8. configure.php

Example: **connection_string=Driver={SQL Server};Server=WIN-7DE6QS9UCCC\SQLEXPRESS; Database=wtt_php; UID=sa; PWD=Express_12**

Hostname: WIN-7DE6QS9UCCC

Instance: SQLEXPRESS

Database: database name

UID: MsSQL username

PWD: MsSQL password