

# Install IIS 7.5 on Windows Server 2008 R2

Click **Start > All Programs > Administrative Tools > Server Manager**.

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

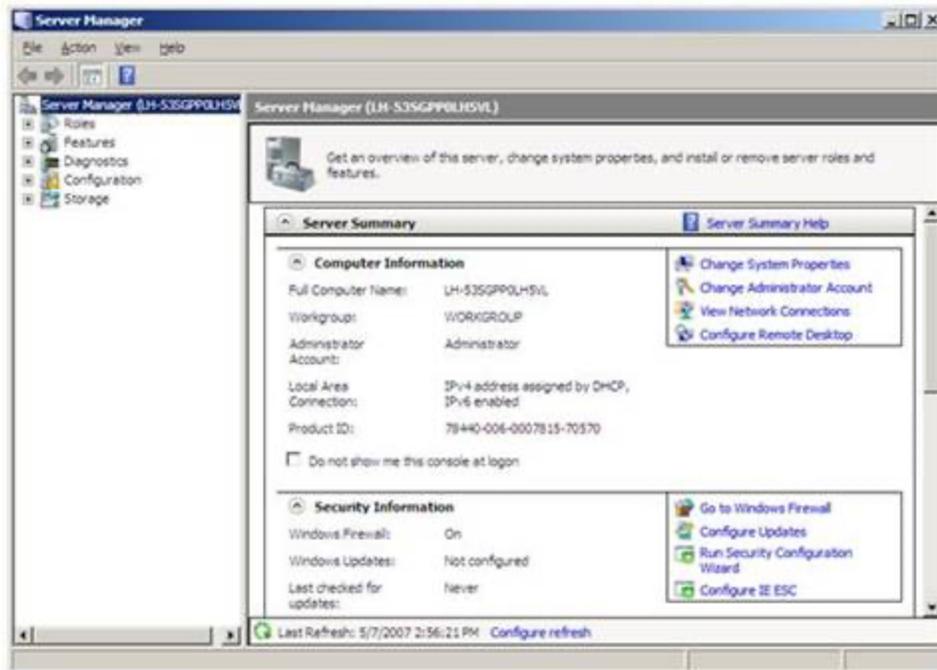


Figure 2: Server Manager

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:
  - 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.
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.

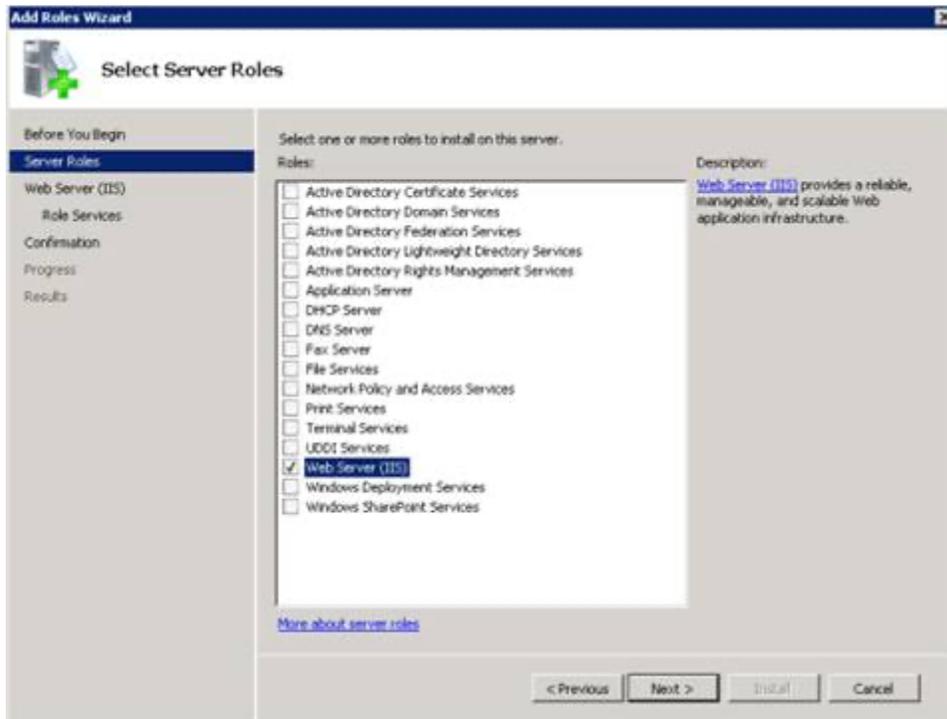


Figure 3: Select Server Roles

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**.

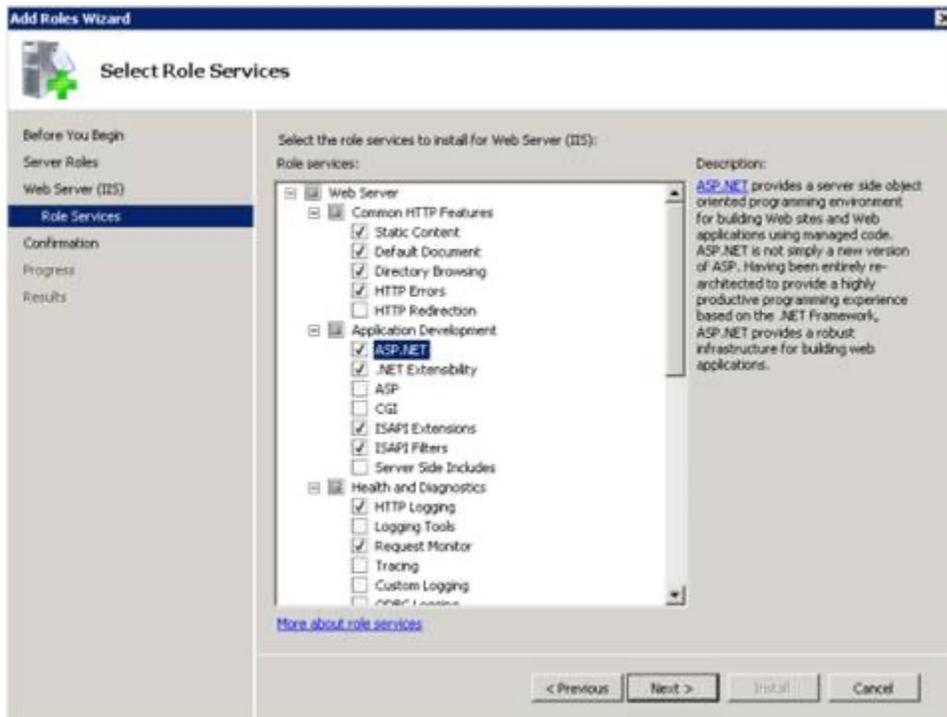


Figure 4: Select Role Services

5. Add any required role services.

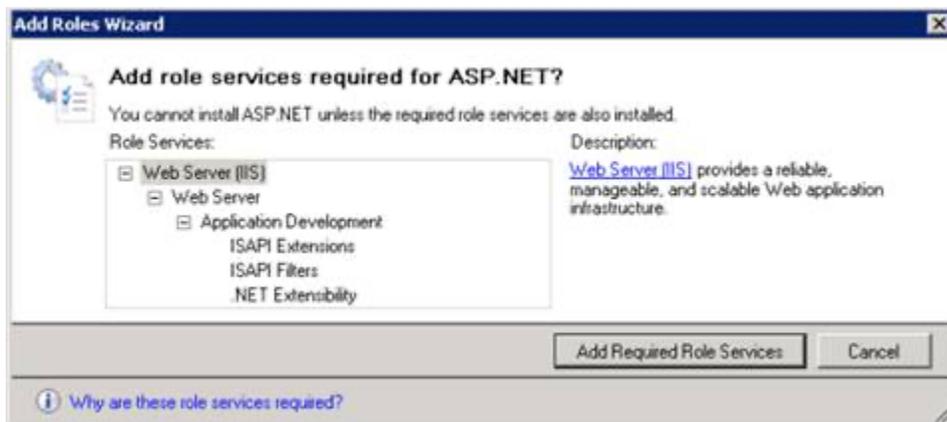


Figure 5: Wizard warning page

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

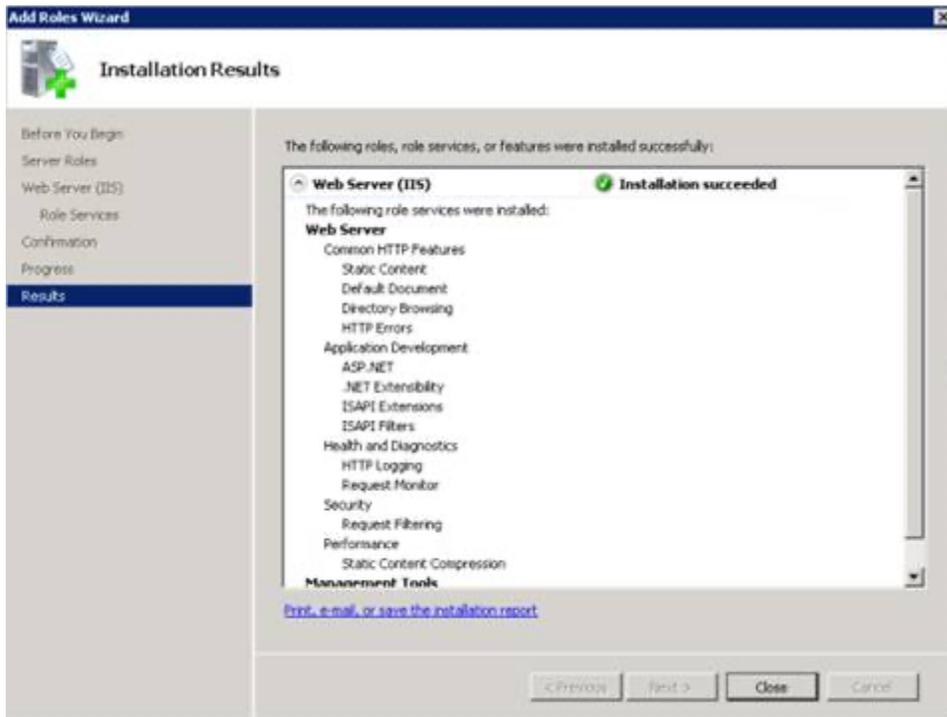


Figure 6: Installation Results page

7. Confirm that the Web server works by using `http://localhost`.



Figure 7: Default Web site

## Note

Install only the absolutely necessary IIS services to minimize the IIS installation footprint. This also minimizes the attack surface, which is one of the benefits of IIS 7 and above.

## Use a Script to Install IIS 7.5 on Windows Server 2008 R2

You can also use a script to install IIS 7.5. Note that if you use this script, you get the full IIS installation, which installs all available feature packages. If there are feature packages you do not need, you should edit the script to install only the packages you require. For more information, see [Installing IIS 7.5 on Windows Server 2008 R2](#).

To install IIS 7.5 with a script, type the following at a command prompt:

ConsoleCopy

```
CMD /C START /w PKGMGR.EXE /l:log.etw /iu:IIS-WebServerRole;IIS-WebServer;IIS-CommonHttpFeatures;IIS-StaticContent;IIS-DefaultDocument;IIS-DirectoryBrowsing;IIS-HttpErrors;IIS-HttpRedirect;IIS-ApplicationDevelopment;IIS-ASP;IIS-CGI;IIS-ISAPIExtensions;IIS-ISAPIFilter;IIS-ServerSideIncludes;IIS-HealthAndDiagnostics;IIS-HttpLogging;IIS-LoggingLibraries;IIS-RequestMonitor;IIS-HttpTracing;IIS-CustomLogging;IIS-ODBCLogging;IIS-Security;IIS-BasicAuthentication;IIS-WindowsAuthentication;IIS-DigestAuthentication;IIS-ClientCertificateMappingAuthentication;IIS-IISCertificateMappingAuthentication;IIS-URLAuthorization;IIS-RequestFiltering;IIS-IPSecurity;IIS-Performance;IIS-HttpCompressionStatic;IIS-HttpCompressionDynamic;IIS-WebServerManagementTools;IIS-ManagementScriptingTools;IIS-IIS6ManagementCompatibility;IIS-Metabase;IIS-WMICompatibility;IIS-LegacyScripts;WAS-WindowsActivationService;WAS-ProcessModel;IIS-FTPService;IIS-FTPSvc;IIS-FTPExtensibility;IIS-WebDAV;IIS-ASPNET;IIS-NetFxExtensibility;WAS-NetFxEnvironment;WAS-ConfigurationAPI;IIS-ManagementService;MicrosoftWindowsPowerShell
```

## Unattended Installation of IIS 7.0 on Windows Server 2008

Automating the installation of IIS by using unattended scripts is very useful if you need to deploy multiple Web servers and want to ensure that each of the Web servers is set up with identical components and services.

In the Windows Server 2008 and Windows Vista operating systems, Pkgmgr.exe is used for unattended scripts, letting you install or uninstall optional features from a command prompt or scripts. (Note: Pkgmgr.exe replaces Sysocmgr.exe which was used in Windows Server® 2003.) For instructions and an overview of Pkgmgr.exe, see [Installing IIS 7.0 and Above from the Command Line](#). See also [Unattended Setup to Install IIS 7.0 and Above](#). Note that to use Pkgmgr.exe, you must make sure you have administrative user rights on the computer.

## Install IIS 7.0 on Windows Server 2008

1. To start Server Manager, click **Start Menu > All Programs > Administrative Tools > Server Manager**. The Server Manager window opens.

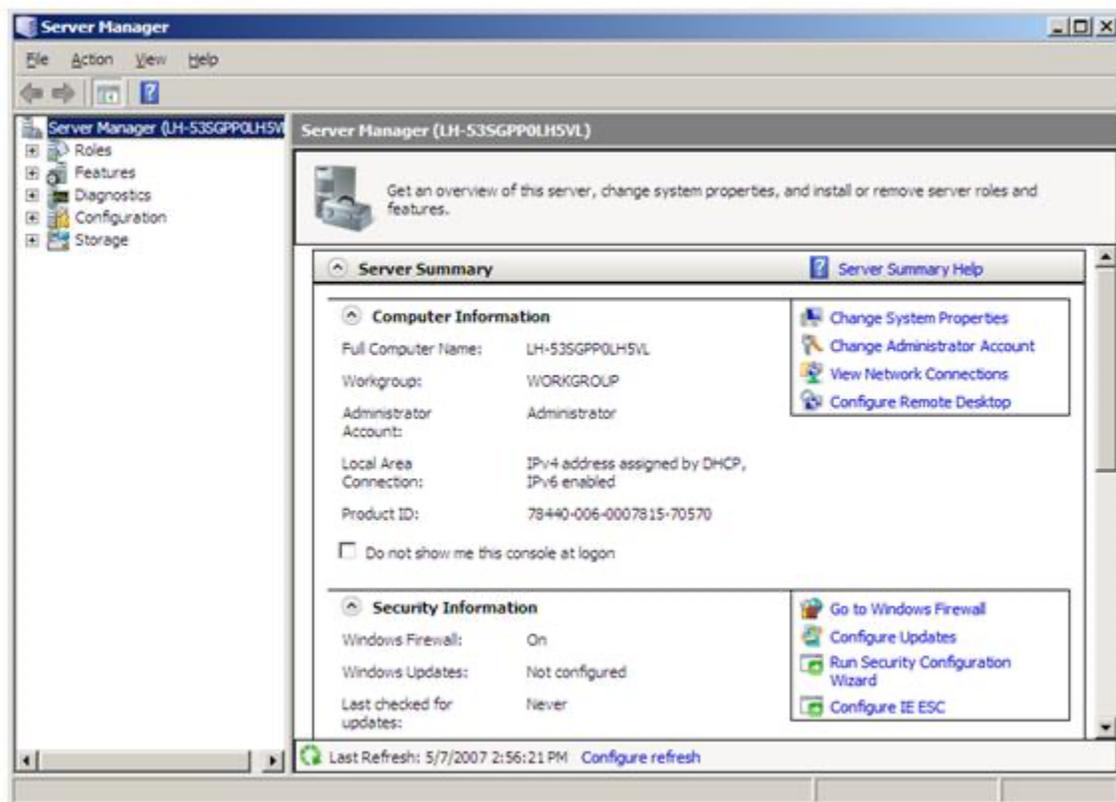


Figure 8: Server Manager

2. In the **Server Manager** window, select **Roles**. The Role Summary View is displayed.

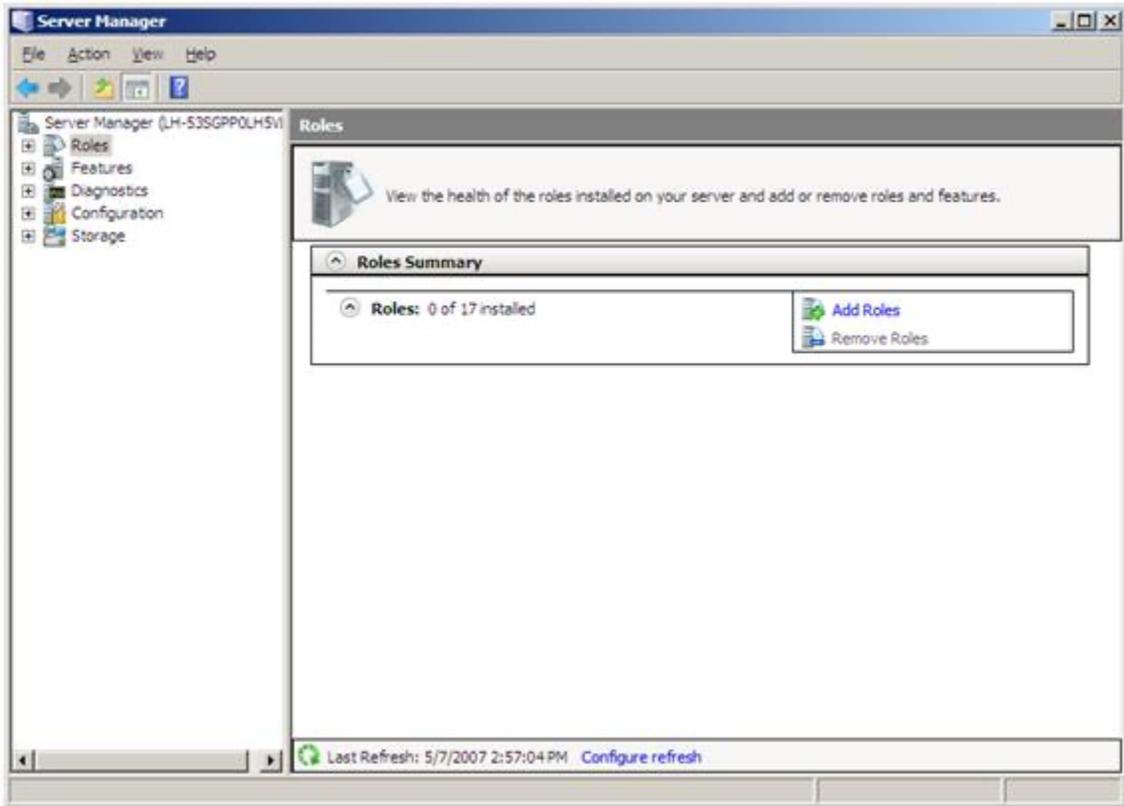


Figure 9: Start Add Roles Wizard

3. Click **Add Roles**. The Add Roles Wizard opens. Click **Next** to select roles to install.

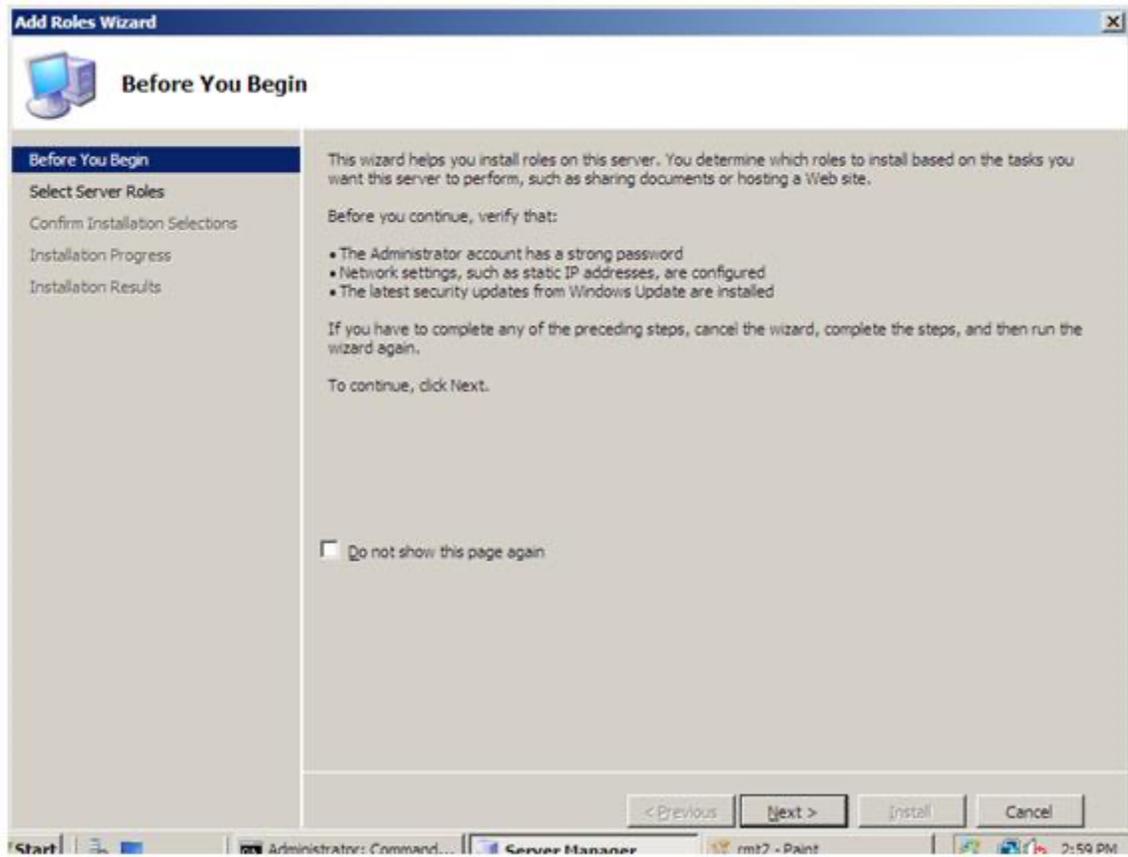


Figure 10: Add Roles Wizard Introduction

4. Select **Web Server (IIS)**.

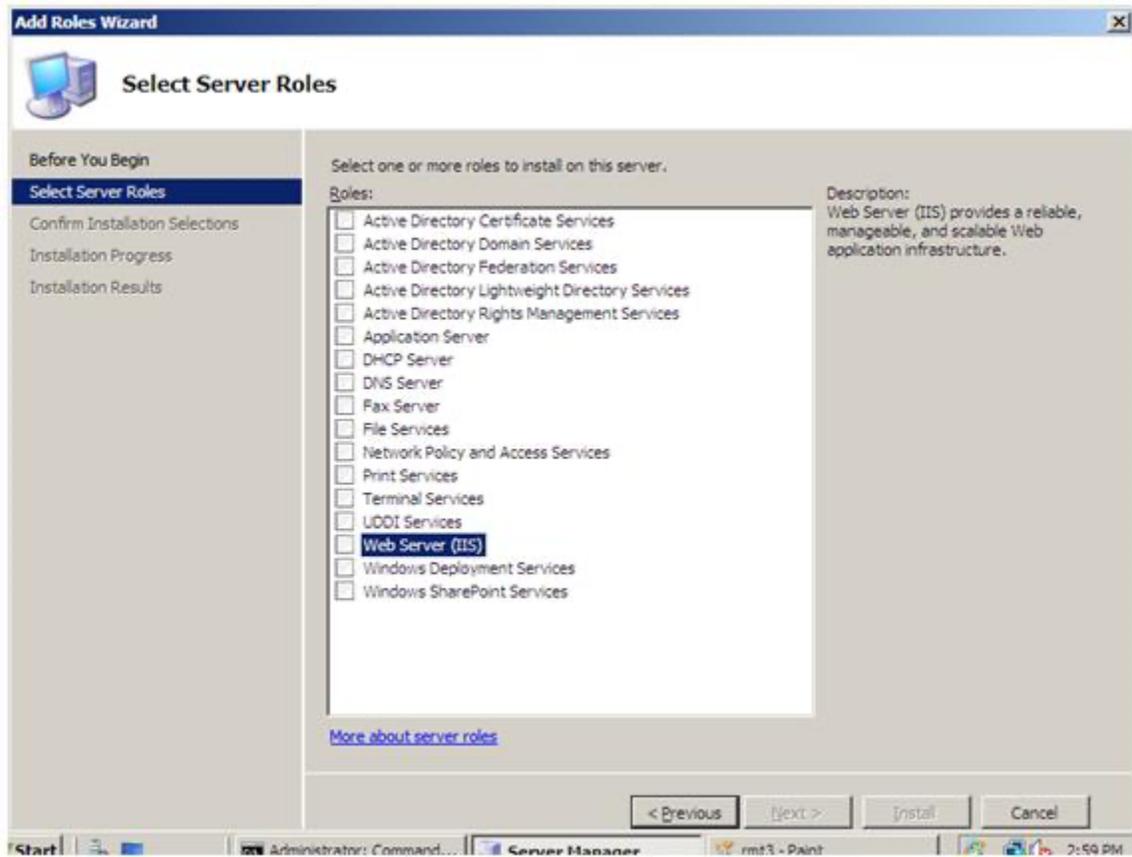


Figure 11: Select Web Server (IIS) in Add Roles Wizard

5. The Add Roles Wizard notifies you of any required dependencies; since IIS depends on the Windows Process Activation Service (WAS) feature, the following informational dialog box appears. Click **Add Required Role Services** to continue.



Figure 12: Add Dependencies

6. The Web Server is now selected for install. The Select Server Roles dialog box opens. Click **Next** to continue.

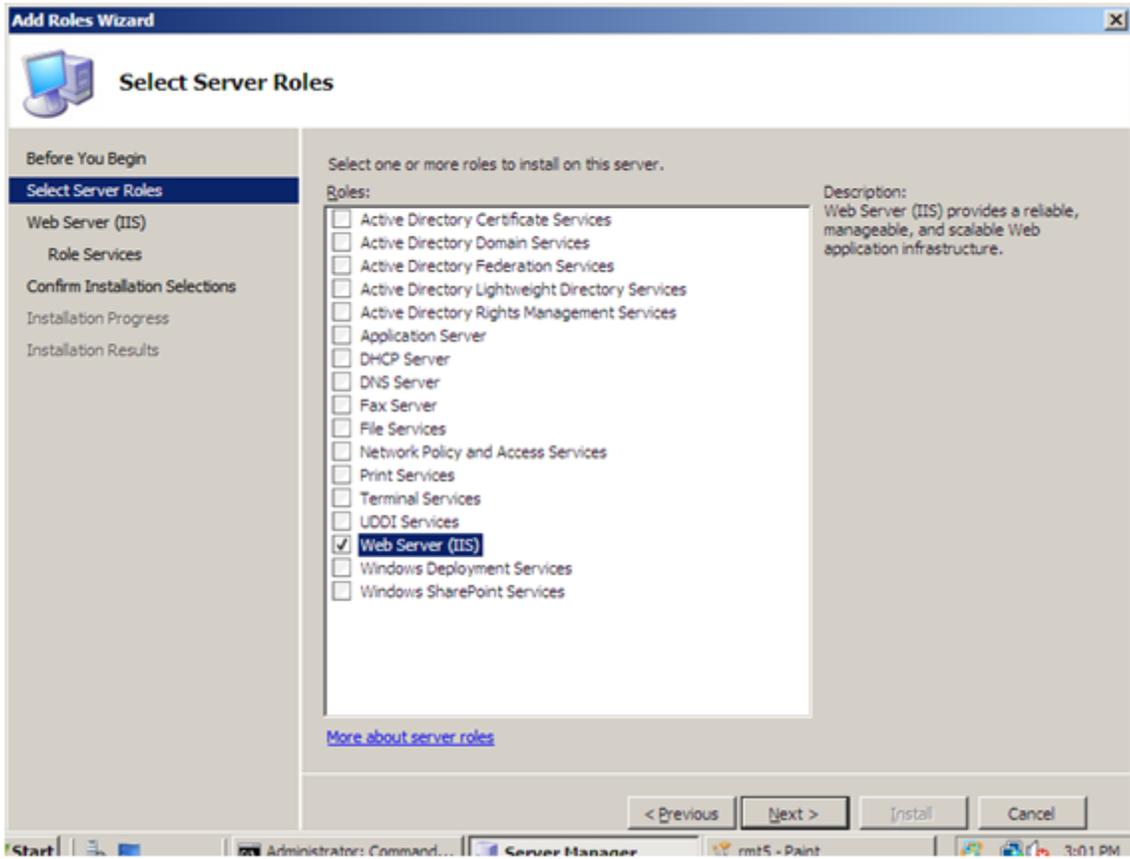


Figure 13: Selected Web Server (IIS)

7. The following dialog box and information appears. Click **Next** to continue.

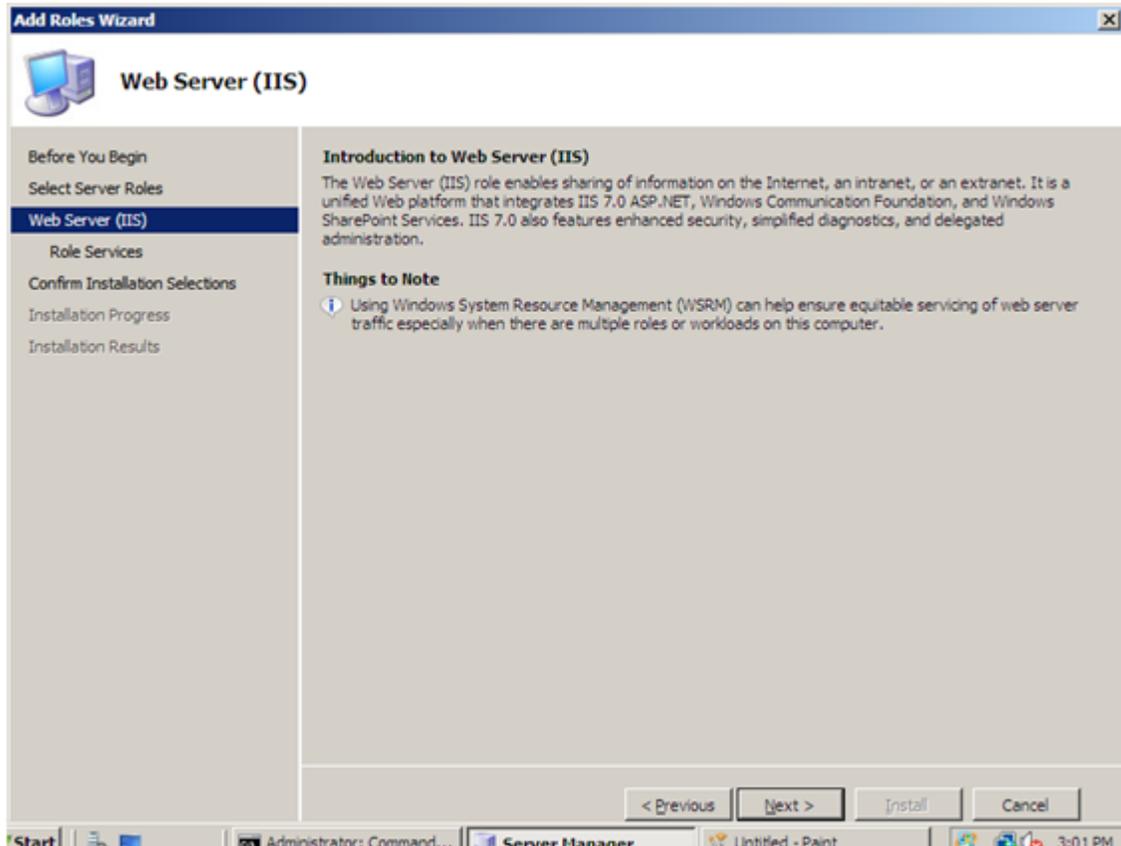


Figure 14: Introduction to Web Server dialog box

8. The Add Roles Wizard displays a list of all IIS 7.0 features available to install as shown below. Note that features comprising the default install are pre-selected.

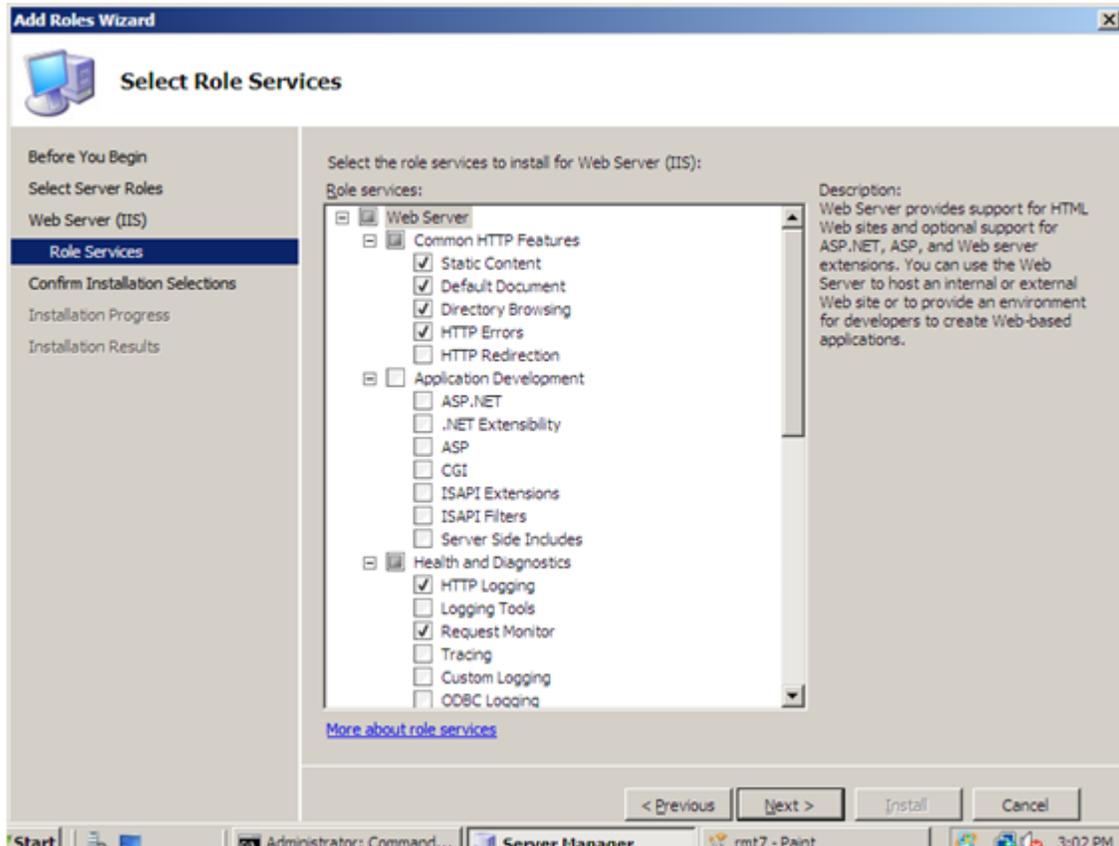


Figure 15: Web Server Features Listed

- To install just the IIS 7.0 default features, click the **Install** button, and then proceed to Step 14. If you need to install additional features, proceed to step 10.
- For this example, we install additional IIS features. Select the check box for ASP.NET. The Wizard warns if adding an IIS feature will also cause other features to be installed.

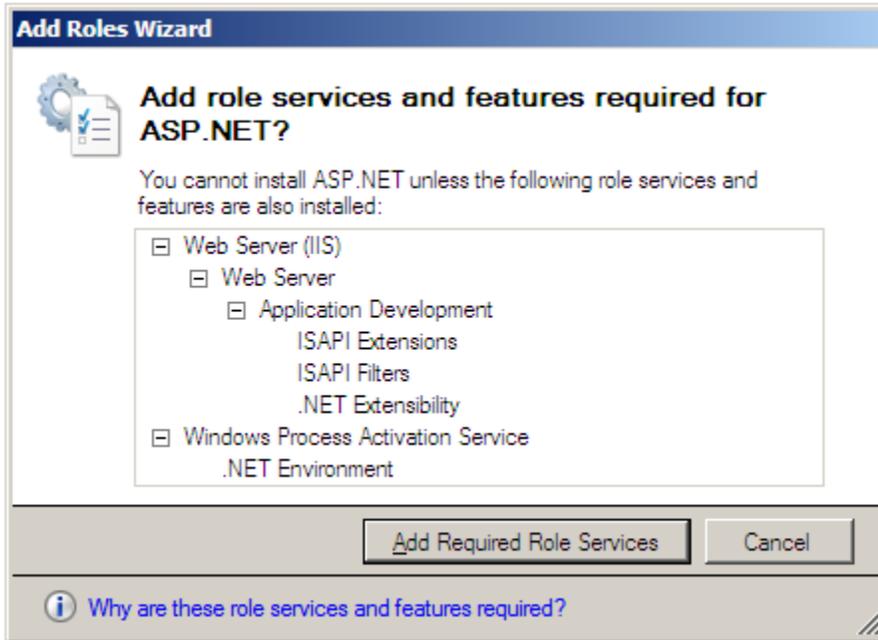


Figure 16: Dependency Information

11. Click **Add Required Role Services** to continue.
12. Continue selecting additional IIS Role Services features to install.

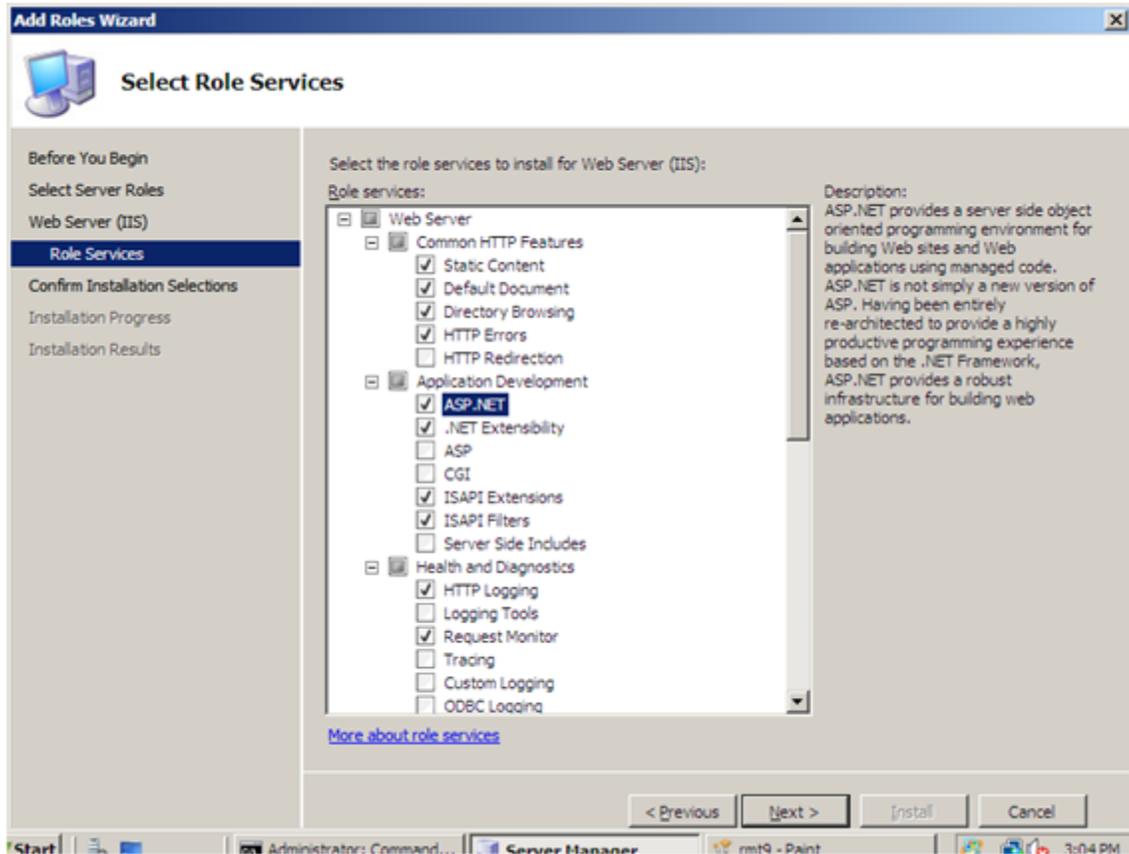


Figure 17: Add Features For Web Server

13. When you have selected all the features you require, click **Next** to continue.
14. The Wizard provides a summary of what will be installed.

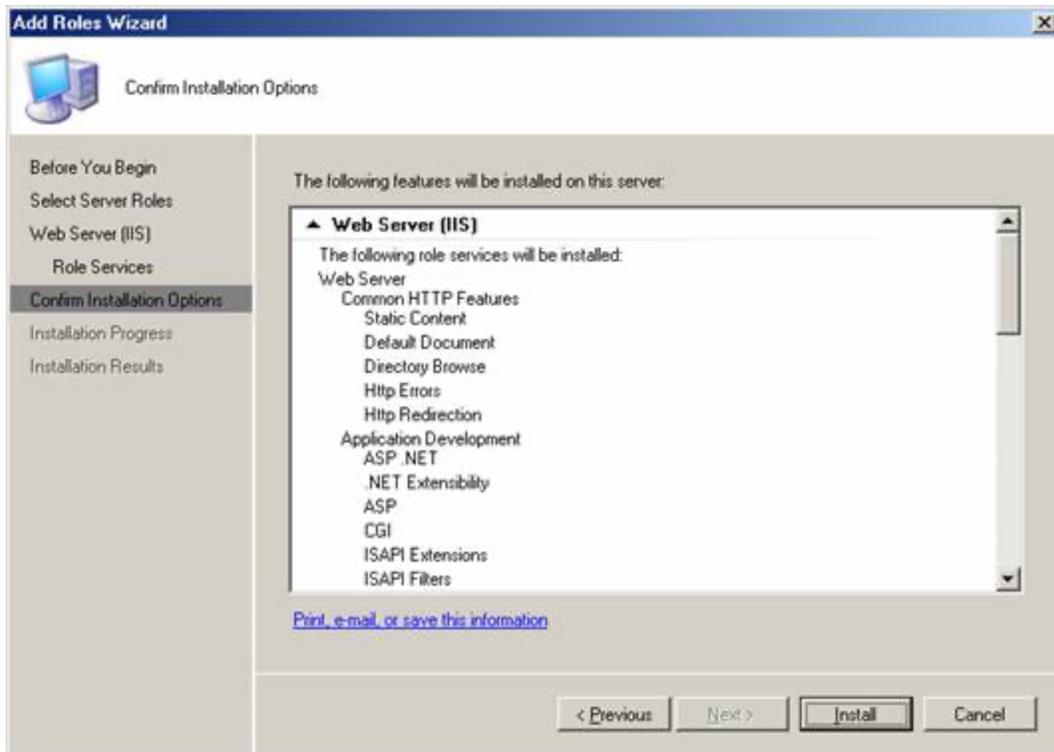


Figure 18: Summary of Features

15. Click **Install** to continue. The Installation Progress dialog box opens.

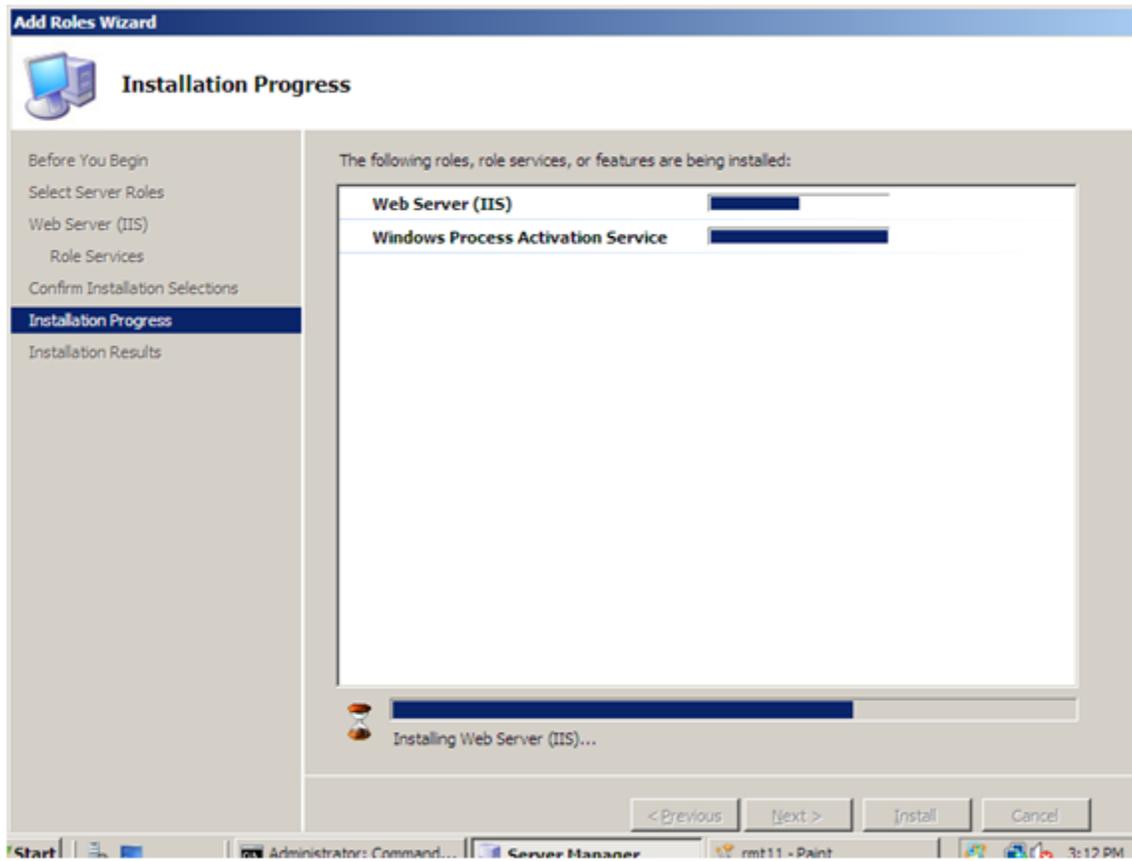


Figure 19: Install Progress

16. When the IIS 7.0 installation is complete, the following dialog box opens. Click **Close** to return to the Server Manager.

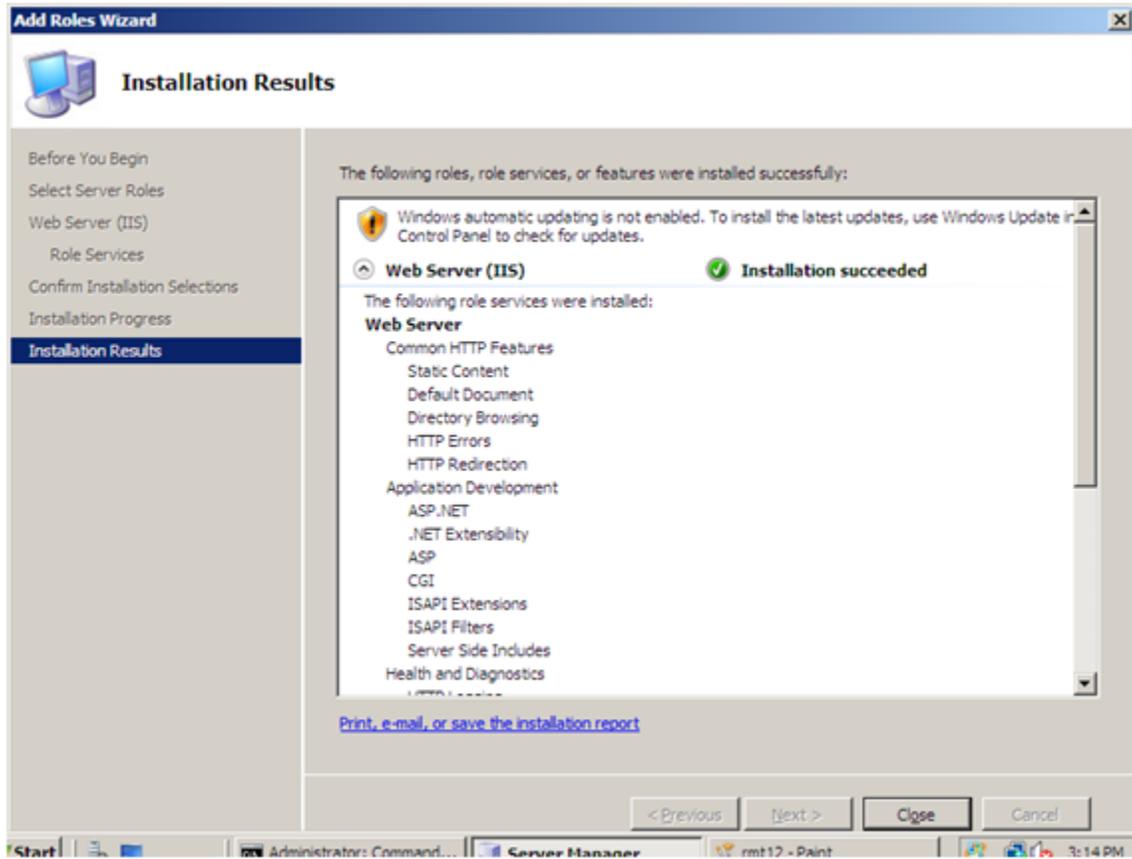
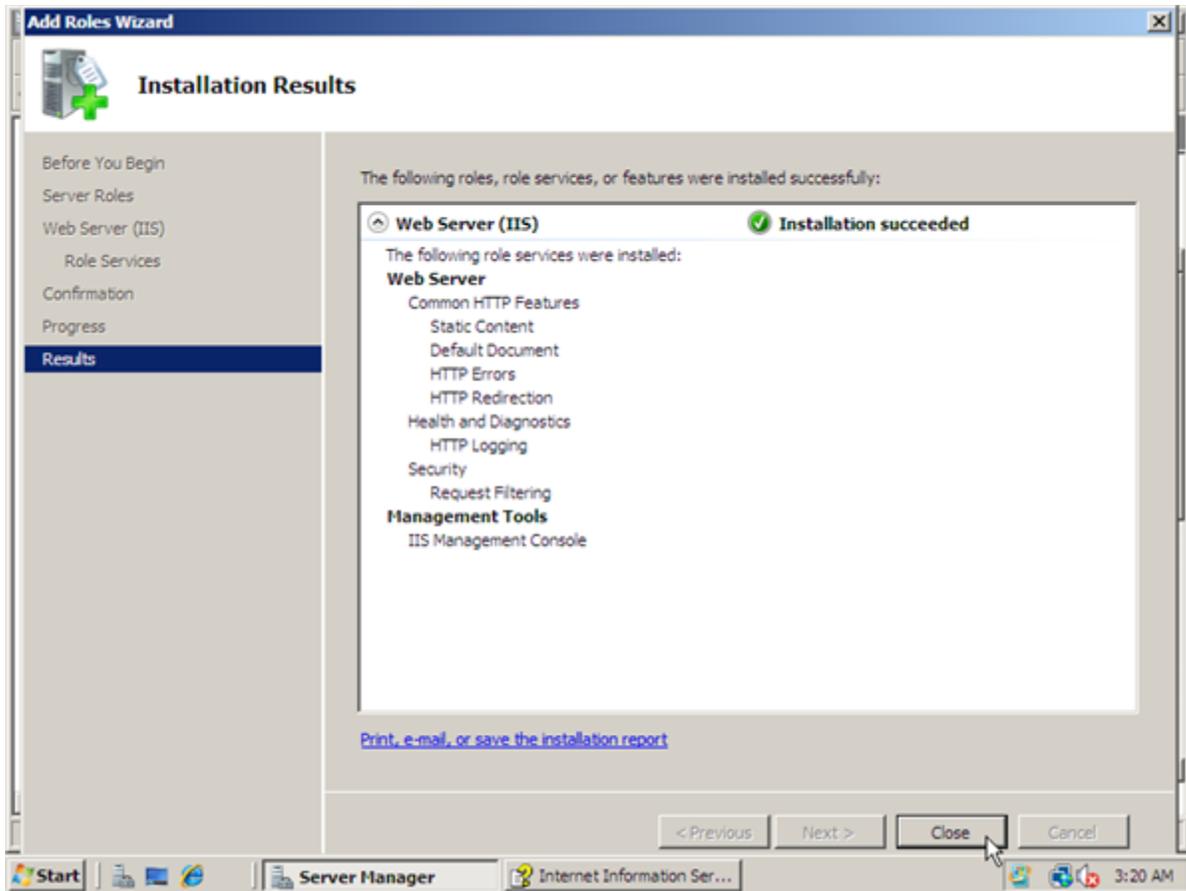


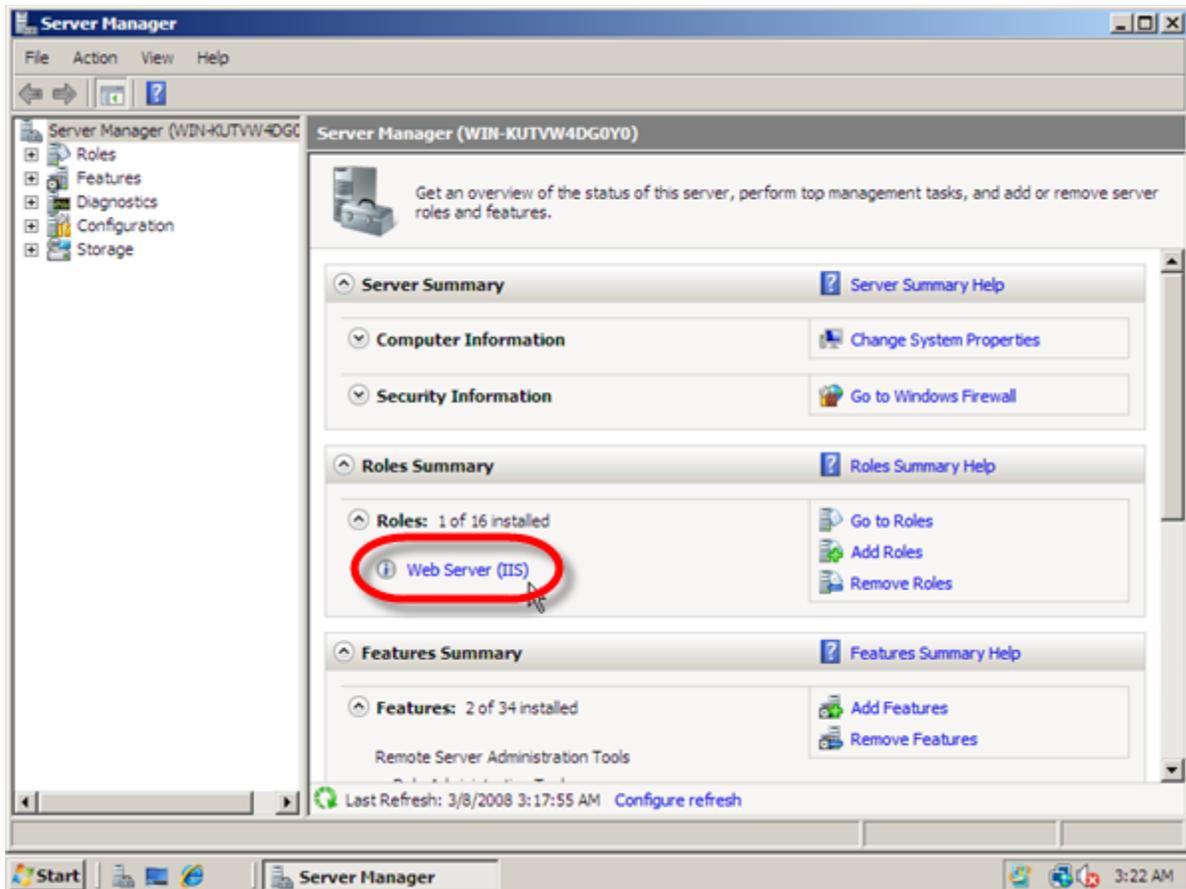
Figure 20: Installation Summary

17. You can now perform a quick check to verify that IIS 7.0 is installed. Start the **Windows® Internet Explorer®** Web browser, and enter the address `http://localhost`. You should see the default IIS "Welcome" page.

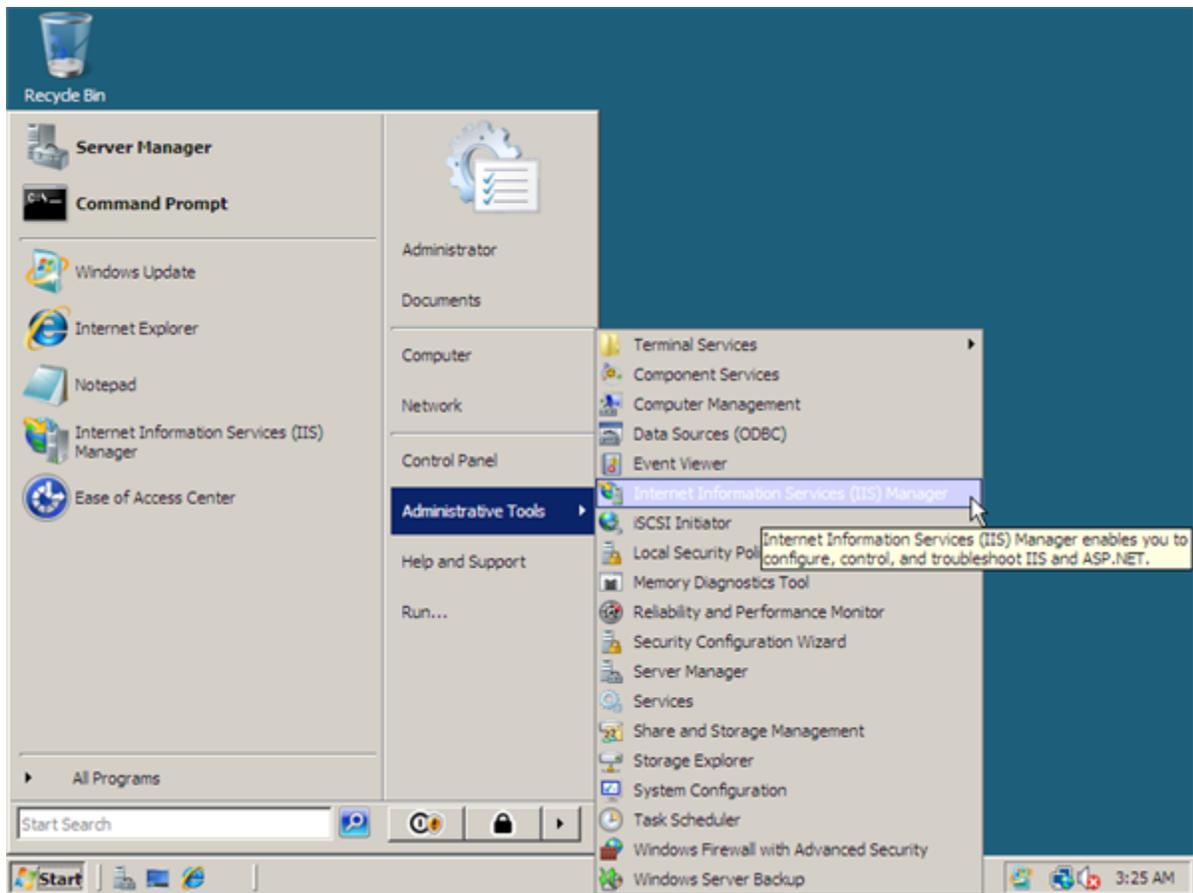
9. After installation you should see the **Installation Results** page. Click **Close** to finish the process.



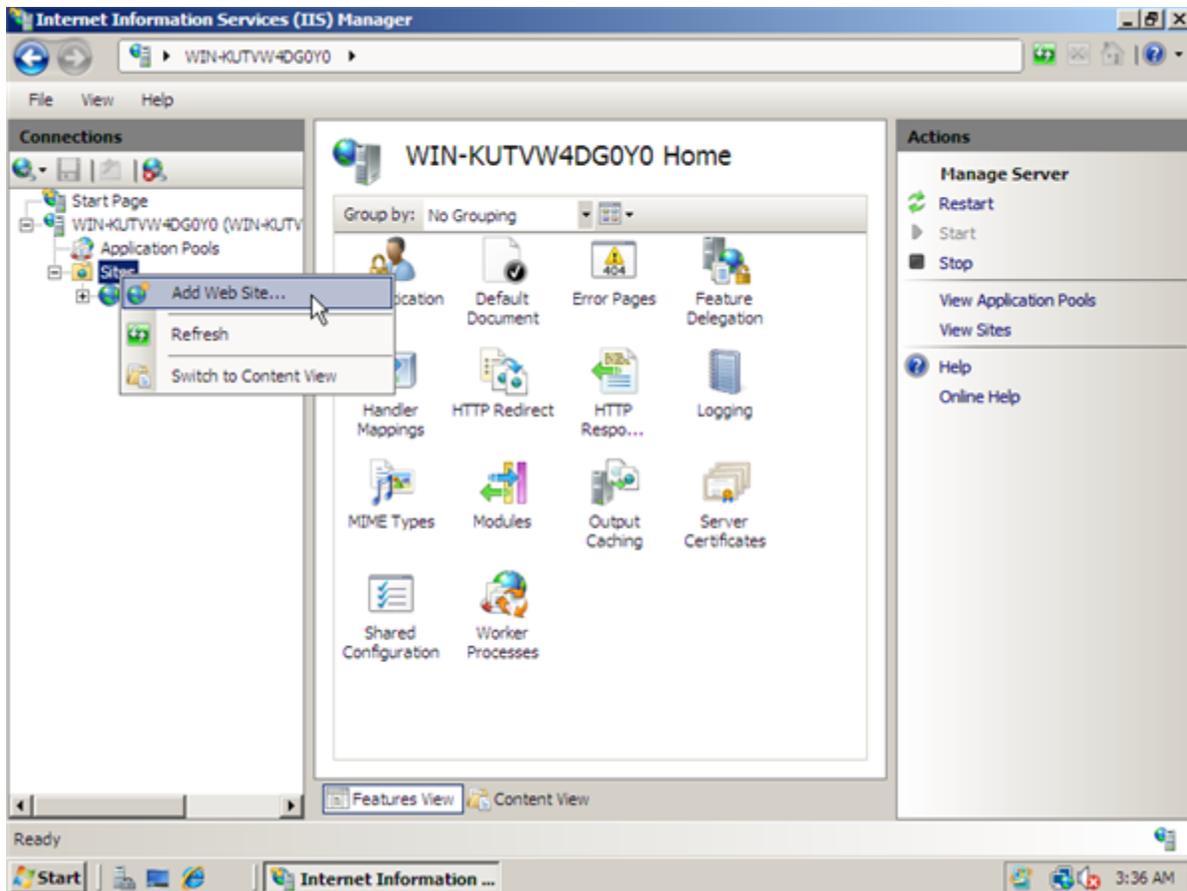
10. In the **Server Manager** window, under **Roles Summary**, you should now see **Web Server (IIS)**



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

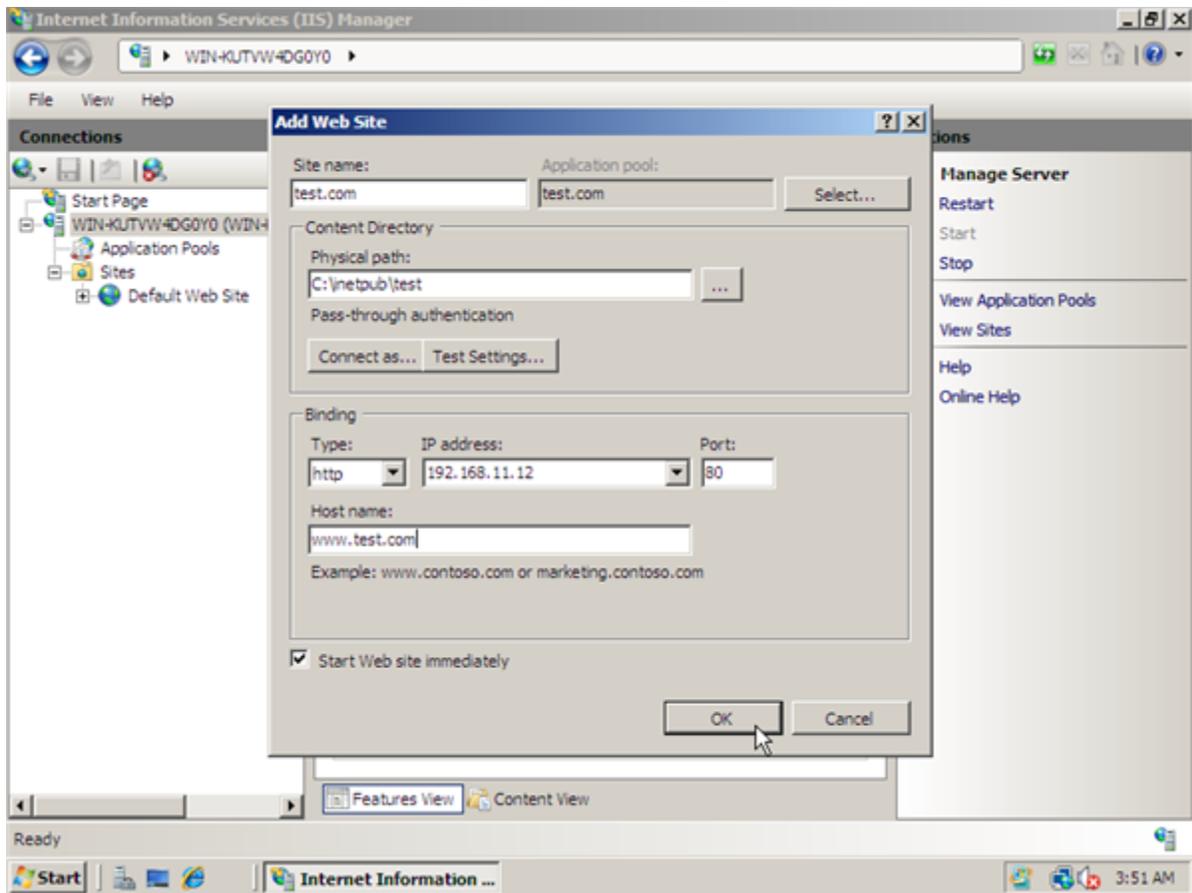


12. Once IIS Manager opens, expand out the **web server** and then expand the **Sites** folder. Right click on sites and then click on **Add Web Site**



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

- **Site Name** - Name of the site, this will be either domain.com or \*.domain.com (Where \* would represent a sub domain name such as www or blog for example)
- **Physical Path** - The location on the local server that will hold the files for the website. If you did not set this up beforehand you can create a folder through this interface
- **Type** - choose either http or https depending on whether your site will use Secure Socket Layer (SSL) certificate or not
- **IP Address** - From the dropdown you can specify what IP the website should answer on or use the default switch of *All Unassigned*
- **Host Name** – If you would like this site to respond to other domain names you can put these here



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.

