IIS Web Server Configuration Guide

EventTracker v7.x
About the document

The purpose of this document is to help users install or customize web server (IIS) on Win 2K12, Win 2K12 R2, Win 2K8, Win 2K8 R2, Win 2K3, Vista and Win 7, with role services required for the proper functionality of EventTracker. These are essential services that should be up and running prior to installing EventTracker. It is supported for all v7.x versions.

NOTE:

Please install IIS web server with default selection (that is without any custom selection) if the O/S is Win 2K3.
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.NET Framework Pre-requisite for EventTracker versions

<table>
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<tr>
<th>EventTracker Version</th>
<th>.NET Framework Required</th>
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</thead>
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<tr>
<td>Version 7.0 to 7.5</td>
<td>Install the .NET Framework 3.5 features.</td>
</tr>
<tr>
<td>Version 7.6</td>
<td>Install both .NET Framework 3.5 features and .NET Framework 4.0 features.</td>
</tr>
</tbody>
</table>

Win 2K12 and Win 2K12 R2 Server

Install and customize Web Server (IIS)

By default, all role services are not installed while installing IIS 8.0 on Win2k12, Win 2K12 R2 server. You need to manually select Application Development and IIS Management role services while installing the web server (IIS). These are essential services and should be up and running prior to installing EventTracker.

This section helps to install web server (IIS) with role services required for EventTracker.

1   Log on to Win2k12 server.

2   Click Server Manager icon available in the task bar.

   Server Dashboard displays.
3 Select **Add Roles and Features**.

Add Roles and Features Wizard displays.
4 Click **Next >**.

Select Installation Type window displays.

‘Role based or feature based selection’ option is selected by default. You can select the installation type as per the requirement.
5 Click **Next >**.

Select destination server window displays.
6. Select Local Server from the server pool, and then select Next>.

7. In Roles pane, select the Application Server, and then select Web Server (IIS).
Add Roles and Features Wizard displays the confirmation message.
8 Click **Add Features**.

9 Click **Next >**.
10 Select **.NET Framework 3.5 Features**, and then select **.NET Framework 3.5 (includes .NET 2.0 and 3.0)** option.

![Add Roles and Features Wizard](image)

**Figure 7**

11 Click **Next >**.
12 Select Web Server (IIS) Support.
Add Roles and Features Wizard displays the confirmation message.

13 Click Add Features.
14 Click **Next >**.
Enable IIS 6 Management Compatibility.
15 Scroll down and expand Application Development node. Select .NET Extensibility 3.5, ASP.NET 3.5.
16 Enable ASP.
17 Click on Add Features.

18 Similarly, select the checkbox ASP.Net 3.4.

The below page displays.

![Add Roles and Features Wizard](image)

Figure 15

19 Click on Add features.
20 Scroll down and expand **Management Tools node**. Select **Management Tools** and all the **Sub options**.

21 Enable IIS 6 Management Console.
Click on **Add Features**.
Click **Next**.
Add Roles and Features Wizard displays with confirmation message.

22 Click Install.
23 If required, click **Specify an alternate source path**.

24 Select **Restart the destination server automatically if required** option, to restart the server once the installation is complete.

25 Click the **Install** button.
Windows 2K8 and 2K8 R2 Server
Install Web Server (IIS)

By default, all role services are not installed while installing IIS on Win2k8 / 2k8 R2 server. You need to manually select Application Development and IIS Management role services while installing the web server (IIS). These are essential services and should be up and running prior to installing EventTracker.

This section helps to install web server (IIS) with role services required for EventTracker.

1. Log on to Win2k8 R2 server.
2. Select the Start button, select Administrative Tools, and then select Server Manager.

3. Click Roles on the left pane.

Figure 21
4. Click **Add Roles** on the Roles Summary pane. Server Manager displays the **Add Roles Wizard**.
5. Click Next >.

Add Roles Wizard displays Select Server Roles window.

6. Select the Web Server (IIS) option.
7 Click Next >.

**Add roles required for Application Server?**

You cannot install Application Server unless the required features are also installed.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>.NET Framework 3.0 Features</td>
<td>Microsoft .NET Framework 3.0 combines the power of the .NET Framework 2.0 APIs wit...</td>
</tr>
</tbody>
</table>

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**EventTracker**

8. Click **Add Required Features**.

**Add Roles Wizard**

Before You Begin  
Server Roles  
Web Server (IIS)  
Role Services  
Confirmation  
Progress  
Results  

**Web Server (IIS)**

Introduction to Web Server (IIS)
Web servers are computers that have specific software that allows them to accept requests from client computers and return responses to those requests. Web servers let you share information over the Internet, or through intranets and extranets. The Web Server role includes Internet Information Services (IIS) 7.0, a unified Web platform that integrates IIS 7.0, ASP.NET, and Windows Communication Foundation. IIS 7.0 also features enhanced security, simplified diagnostics, and delegated administration.

**Things to Note**
- Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer.
- The default installation for the Web Server (IIS) role includes the installation of role services that enable you to serve static content, make minor customizations (such as default documents and HTTP errors), monitor and log server activity, and configure static content compression.

**Additional Information**
- Overview of Web Server (IIS)
- Overview of Available Role Services in IIS 7.0
- IIS Checklists
- Common Administrative Tasks in IIS
- Overview of WSRM

![Figure 25](image)

8. **Click Next >**.

Add Roles Wizard displays the Select Role Services window.
9 Select **ASP.NET** under **Application Development**.

Add Roles Wizard displays the confirmation message box.
10 Click **Add Required Role Services**.

Required role services ASP.NET, .NET Extensibility, ISAPI Extensions, and ISAPI Filters are selected.
11 Click Next.
12 Scroll down and select **IIS Management Scripts and Tools** and **Management Service** under **Management Tools**.

13 Select **IIS 6.0 Management Compatibility**. All sub-options are selected by default.
14 Click Next >.

Add Roles Wizard displays the **Confirm Installation Selections** window.
15 Click **Install**.

Add Roles Wizard displays the successful installation message.
16 Click Close to close the Add Roles Wizard and then close the Server Manager.
Customize Web Server (IIS)

If the web server (IIS) is already installed, check if Application Development and IIS Management role services are installed. These role services required to install EventTracker. If not installed, do the following to add those role services.

1. Log on to Win2k8 R2 server.
2. Click the Start button, select Administrative Tools, and then select Server Manager.
3. Click Roles node, and then click Add Role Services on the Role Services pane.

Follow the steps 9 to 16 mentioned in the previous section of Install Web Server (IIS) for 2K8, 2K8 R2.
Install .NET 3.5 SP1

This service pack essential to install EventTracker.

1. Open the Server Manager.
2. Click **Features** on the left pane.
3. Click **Add Features** on the Features Summary pane.
   
   Add Feature Wizard displays.

4. Expand **.NET Framework 3.5.1 Features**, and then select **.NET Framework 3.5.1 option.**
5 Click **Next >**.

Add Features Wizard displays the Confirm Installation Selections window.
6 Click **Install**.

**Add Features Wizard** displays the successful installation message.
7 Click Close, and then close the Server Manager.
Windows 7 and Vista

Install and customize Web Server (IIS)

All features are not turned on while installing web server (IIS) on Windows 7. You need to manually turn on the features that essential for EventTracker to work properly, while installing web server (IIS). If web server (IIS) is already installed on Windows 7 system, check if the essential features are turned on. If not, do the following.

This section helps to install and turn on features in the Web Server (IIS) that is required for EventTracker.

1. Log on to Windows 7 or Vista system(s) where you want to install EventTracker.
2. Select the Start button, select Control Panel, and then select Programs and Features.

Programs and Features window displays.

![Figure 38](image-url)
3. Click **Turn Windows features on or off** on the left pane.

Windows Features window displays.

![Figure 39](image.png)

4. Expand **Internet Information Services** and then select **Web Management Tools**.
5. Expand ‘IIS6 Management compatibility’ and select all the features.
6. Select the all features of **Web Management Tools**, if it is not selected.

7. In **Internet Information Services** node, select **World Wide Web Services**, and then select **Application Development Features**.

8. Select the following features **.NET Extensibility, ASP.NET, CGI, ISAPI Extensions, ISAPI Filters** etc if it is not selected.

9. In **Performance Features**, select **Static Content Compression**.
10 Select the **OK** button.

A message displays stating that installation is in progress status.

**NOTE**: In Windows 7, install .NET using .exe file.
Windows 2K3 Server

Install and customize IIS Web Server

1. Log on to Windows 2K3 system where you want to install EventTracker.
2. Select the Start button, select Control Panel, and then select Add or Remove Programs.

Add or Remove Programs window displays.

3. Select Add/Remove Windows Components.
   
   Windows Component Wizard displays.

Figure 45
4. Select **Application Server**, and then select **Details** to view the details of the components. Application Server window displays.
5 Select ASP.NET, Internet Information Services (IIS), and then click OK.

6 In Windows Component Wizard window, select Next >.
IIS installation is in progress.
Once installation is complete **Completing Windows Component Wizard** displays.
7 Click the **Finish** button.
IIS Settings in Windows 2008 / 2008 R2 / 2012 / 2012 R2

Please ensure that IIS Settings under Application Pools are as follows in Windows 2008/2008 R2/2012/2012 R2.

1. Open Internet Information Services (IIS) Manager.

2. Select Application Pools node, select Classic .Net AppPool, and then select Advanced Settings....

3. In (General) pane, select .NET Framework Version as v2.0.

4. In Process Model pane, select Identity as NetworkService and then click Apply.

In 64 bit OS, Enable 32-Bit Applications must be set to True. Please refer Figure 45.
NOTE: For the customers using EventTracker v7.6, make sure that you select .NET Framework version 4.0.