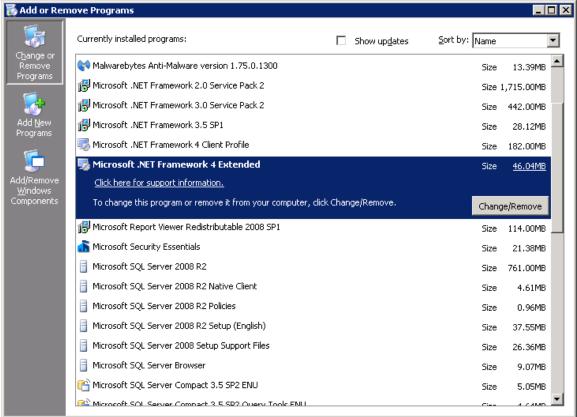
## **ESS/Timesheet Environment Check before Install**

Current version of ESS/Timesheets runs on Microsoft .Net 4.0 or 4.5

## Windows 2003 Server and IIS 6

To check if this environment is installed correctly on Windows 2003 please check the folder C:\WINDOWS\Microsoft.NET\Framework\v4.0.30319 Or in the framework 64

Also in add remove programs it should show up.

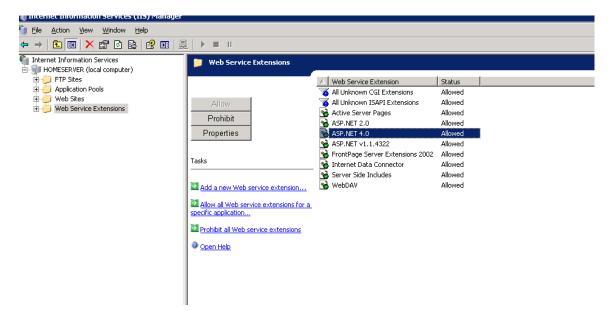


Please right click on the default website. And locate asp.net tab. If you don't see an asp.net tab then you have a buggy install of .Net frame work.

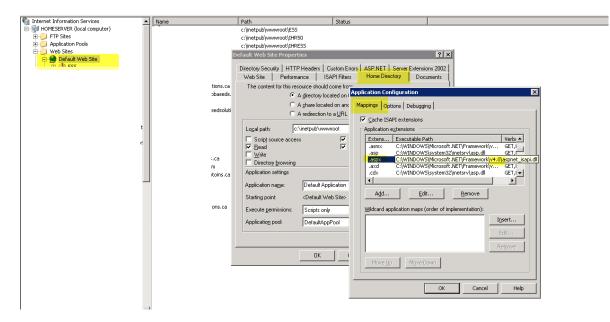
If you see an asp.net tab, please check if the runtime 4.0.\* is available. If so you are ready to start the installation.

| IHR Properties                     | ? ×  |
|------------------------------------|--|
| Directory Documents Directory Secu | rity   HTTP Headers   Custom Errors   ASP.NET  |
| Microsoft<br>ASP.net               | ~  |
| ASP.NET version:                   | 1.1.4322                                       |
| Virtual path:                      | 1.1.4322<br>2.0.50727                          |
| File location:                     | 4.0.30319<br>c:\inetpub\wwwroot\IHR\web.config |
| File creation date:                | 6/17/2013 12:10:16 AM                          |
| File last modified:                | 4/4/2013 11:12:28 AM                           |
|                                    | Edit Configuration,                            |
| ОК                                 | Cancel <u>Apply</u> Help                       |

Please make sure the runtime is allowed to run at the server level.



Please check to see if the .Net handlers are registered with default website. Right click on default website > Properties > Home directory tab > Mapping Tap > Find .aspx handler for v4.0.



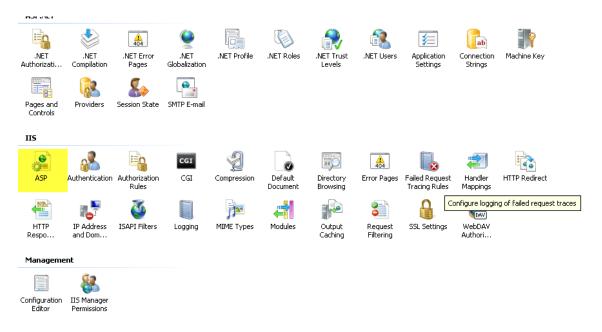
## Windows 2008/2012 Server

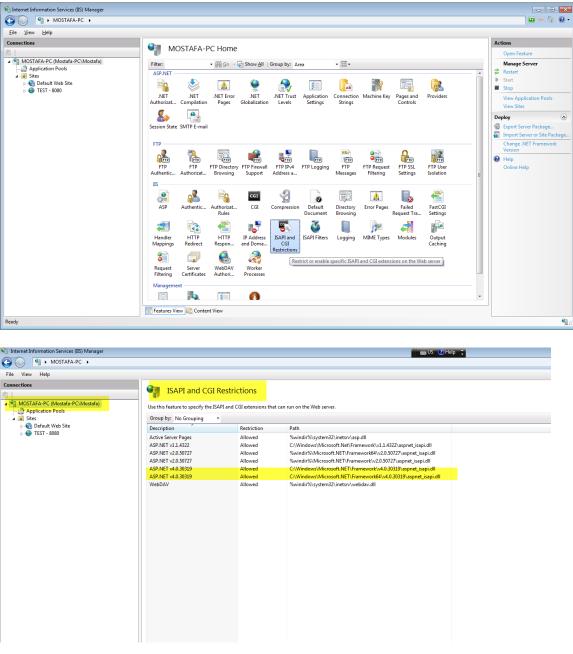
Please make sure that 4.0 folder is in the Microsoft.Net folder C:\Windows\Microsoft.NET\Framework\v4.0.30319 or C:\Windows\Microsoft.NET\Framework64\v4.0.30319

Open IIS manager and select "Application Pools" and see if "ASP.NET v4.0 Classic" with v4.0 is there.

| C Internet Information Services (IIS) Manager           |   |   |   |  |  | - C - X  |
|---|---|---|---|--|--|--|
| O O MOSTAFA-PC > Application Pools                      |   |   |   |  |  | 📴 🛛 🟠 🔞 -  |
| <u>File View H</u> elp                                  |   |   |   |  |  |  |
| MOSTAFA-PC (Mostafa-PC/Mostafa) Application Pools Sites | ide isolation among different applications. | Group by: No Groupin<br>tatus .NET Fram<br>tarted v1.1<br>tarted v4.0<br>tarted v2.0<br>tarted v2.0 | g • Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic<br>Classic | Identity<br>ApplicationPoolId<br>ApplicationPoolId<br>ApplicationPoolId<br>ApplicationPoolId<br>ApplicationPoolId<br>NetworkService<br>NetworkService<br>NetworkService<br>NetworkService<br>ApplicationPoolId | 0<br>0<br>5<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | Actions     Image: Add Application Pool Dealways     Set Application Pool Tasks     Image: Start 1     Image: Start 2     Recycle     Edit Application Pool     Basic Settings     Recycle     View Applications     View Applications     Image: Help     Online Help |

Please make sure "ASP" is installed and showing up as an option in IIS manager when you click on "Default Website".



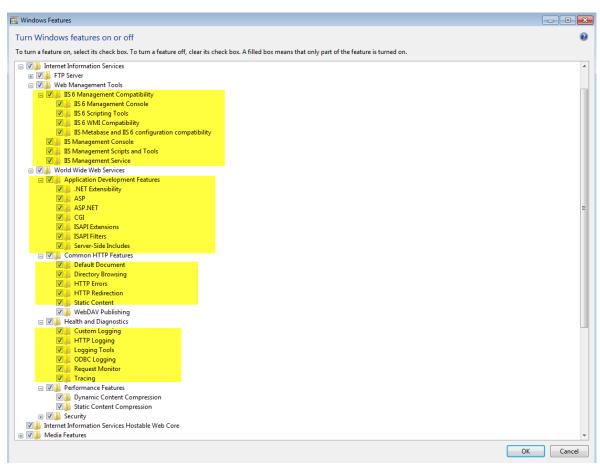


Please ensure that ASP.NET 4.0 is allowed at the server level.

Please make sure that ASP.NET handlers are registered with IIS. Go to default website > click> in the middle area click handler mappings

|                                       | b Site 🕨   |                       |                    |                          |  |            |
|---------------------------------------|--|-----------------------|--------------------|--------------------------|--|------------|
| File View Help                        |  |                       |                    |                          |  |            |
| nnections                             |  |                       |                    |                          |  |            |
|                                       | 🛯 🎱 Handler Mappings                                   |                       |                    |                          |  |            |
| AT 1007101 00 01 1 0 0011 1 1 0       | . 👻 🕺 🖓  |                       |                    |                          |  |            |
| MOSTAFA-PC (Mostafa-PC\Mostafa)       | Use this feature to specify the resources, such as DLL | s and managed code, t | hat handle respons | es for specific requ     | iest types.  |            |
| Application Pools                     | Group by: State  |                       |                    |                          |  |            |
| A R Default Web Site                  |  |                       |                    |                          |  |            |
| ■ 02                                  | Name   | Path                  | State              | Path Type<br>onspecified | Handler  | Entry Type |
| Þ - C 09                              | OPTIONSVerbHandler                                     |                       | Enabled            | Unspecified              | ProtocolSupportModule  | Inherited  |
| aspnet_client                         | ExtensionlessUrlHandler-ISAPI-4.0_32bit                | *                     | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| > - 🧰 EA                              | ExtensionlessUrlHandler-ISAPI-4.0 64bit                | ÷.                    | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| - 💮 EADNWeb                           | ExtensionlessUrlHandler-Integrated-4.0                 | ÷                     | Enabled            | Unspecified              | System.Web.Handlers.Transfe  | Inherited  |
| 🖟 💮 EducationAdmin                    | SimpleHandlerFactory-ISAPI-4.0_32bit                   | *.ashx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| Encrypt                               |  | *.ashx                | Enabled            |                          | the second s | Inherited  |
| Þ - 🔛 ESS                             | SimpleHandlerFactory-ISAPI-4.0_64bit                   |                       |                    | Unspecified              | IsapiModule  |            |
| ⊳ -@ ESS42                            | SimpleHandlerFactory-Integrated-4.0                    | ".ashx                | Enabled            | Unspecified              | System.Web.UI.SimpleHandle   | Inherited  |
| ⊳ 💮 Hemu                              | SimpleHandlerFactory-Integrated                        | *.ashx                | Enabled            | Unspecified              | System.Web.UI.SimpleHandle   | Inherited  |
| HRSS.Encryption                       | SimpleHandlerFactory-ISAPI-2.0                         | *.ashx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| IHR40 - Copy                          | SimpleHandlerFactory-ISAPI-2.0-64                      | *.ashx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| HR41                                  | WebServiceHandlerFactory-ISAPI-4.0_32bit               | *.asmx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| - @ IHR42                             | WebServiceHandlerFactory-ISAPI-4.0_64bit               | *.asmx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| JHR42 - Copy                          | WebServiceHandlerFactory-Integrated-4.0                | *.asmx                | Enabled            | Unspecified              | System.Web.Script.Services.S   | Inherited  |
| ⊳                                     | WebServiceHandlerFactory-Integrated                    | *.asmx                | Enabled            | Unspecified              | System.Web.Services.Protoco  | Inherited  |
| IHRApplicant                          | WebServiceHandlerFactory-ISAPI-2.0                     | *.asmx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| IHRAttEntry                           | WebServiceHandlerFactory-ISAPI-2.0-64                  | *.asmx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| ⊳-@ IHRSSO                            | ASPClassic   | *.asp                 | Enabled            | File                     | IsapiModule  | Inherited  |
| IHRTimeSheetAlertService              | aspq-ISAPI-4.0_32bit                                   | *.aspq                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| IHRVersion                            | aspq-ISAPI-4.0_64bit                                   | *.aspq                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| IHRWeb                                | aspq-Integrated-4.0                                    | ".aspq                | Enabled            | Unspecified              | System.Web.HttpForbiddenH  | Inherited  |
| Original HRWebDN Original HRWebDNTest | PageHandlerFactory-ISAPI-4.0_32bit                     | *.aspx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| p - @ m                               | PageHandlerFactory-ISAPI-4.0_64bit                     | *.aspx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| b 🛄 os                                | PageHandlerFactory-Integrated-4.0                      | ".aspx                | Enabled            | Unspecified              | System.Web.UI.PageHandlerF   | Inherited  |
| b 💮 sc                                | PageHandlerFactory-Integrated                          | *.aspx                | Enabled            | Unspecified              | System.Web.UI.PageHandlerF   | Inherited  |
| ⊳ 💮 telerik                           | PageHandlerFactory-ISAPI-2.0                           | *.aspx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| 🛛 🛄 test                              | PageHandlerFactory-ISAPI-2.0-64                        | *.aspx                | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| 🗼 🛁 testinstall                       | AXD-ISAPI-4.0_32bit                                    | *.axd                 | Enabled            | Unspecified              | IsapiModule  | Inherited  |
| 5 📫 TS                                | AXD-ISAPI-4.0_64bit                                    | *.axd                 | Enabled            | Unspecified              | IsapiModule  | Inherited  |
|                                       | AXD-ISAPI-2.0  | *.axd                 | Enabled            | Unspecified              | IsapiModule  | Inherited  |
|                                       | AXD-ISAPI-2.0-64                                       | ".axd                 | Enabled            | Unspecified              | IsapiModule  | Inherited  |
|                                       | SecurityCertificate                                    | *.cer                 | Enabled            | File                     | IsapiModule  | Inherited  |
|                                       | cshtm-ISAPI-4.0_32bit                                  | *.cshtm               | Enabled            | Unspecified              | IsapiModule  | Inherited  |
|                                       | cshtm-ISAPI-4.0_64bit                                  | *.cshtm               | Enabled            | Unspecified              | IsapiModule  | Inherited  |
|                                       | cshtm-Integrated-4.0                                   | *.cshtm               | Enabled            | Unspecified              | System.Web.HttpForbiddenH  | Inherited  |
|                                       | cshtml-ISAPI-4.0 32bit                                 | *.cshtml              | Enabled            | Unspecified              | IsapiModule  | Inherited  |
|                                       | cshtml-ISAPI-4.0_64bit                                 | ".cshtml              | Enabled            | Unspecified              | IsapiModule  | Inherited  |
|                                       | cshtml-Integrated-4.0                                  | *.cshtml              | Enabled            | Unspecified              | System.Web.HttpForbiddenH  | Inherited  |
|                                       | -  | *.rem                 | Enabled            | Unspecified              | IsapiModule  | Inherited  |
|                                       |  |                       |                    |                          |  |            |

Please ensure that IIS 7/8 has all the following components installed.



• Only the highlighted items are required.