

Required Web Server (IIS) Role Services

Follow the following role services installation instructions depending on your server operating system:

Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows 2019:

1. In **Server Manager**, select **Dashboard**, and click **Add roles and features**.
2. In the **Add Roles and Features Wizard**, on the **Before you begin** page, click **Next**.
3. On the **Select installation type** page, select **Role-based or feature-based installation**, and click **Next**.
4. On the **Select destination server** page, select **Select a server from the server pool**, select your server, and click **Next**.
5. On the **Select server roles** page, select **Web Server (IIS)**.
6. Under the **Web Server (IIS)** role, expand the **Web Server** node and then select **Common HTTP Features**.
7. On the **Web Server** node, expand the **Common HTTP Features** node, and then select the **Default Document** and **Static Content**.
8. On the **Web Server** node, expand the **Application Development** node, and then select **ASP.NET 3.5**, **ASP.NET 4.5**, **.NET Extensibility 3.5**, **.NET Extensibility 4.5**, **ISAPI Extensions** and **ISAPI Filters**.
9. On the **Web Server** node, expand the **Security** node, and then select **Windows Authentication** and **Request Filtering**.
10. On the **Web Server** node, expand the **Management Tools** node and then select the **IIS Management Console**, **IIS 6 Management Compatibility** and **IIS Management Scripts and Tools**.
11. On the **Web Server** node, expand the **Management Tools** node, then expand the **IIS 6 Management Compatibility** node and select the **IIS Metabase Compatibility**, **IIS 6 Scripting Tools** and **IIS 6 WMI Compatibility**.
12. Click **Next**.
13. On the **Select Features** page, select all of the components of **.NET Framework 3.5 Features**
14. On the **Select Features** page, select **.NET Framework 4.5 Features**
15. On the **.NET Framework 4.5 Features** node, select **.NET Framework 4.5**, **ASP .NET 4.5** and **WCF Services**.
16. On the **.NET Framework 4.5 Features** node, expand the **WCF Services** node and select **HTTP Activation**.
17. Click **Next**.
18. On the **Confirmation** page, confirm your selections, and then click **Install** to start the installation process.
19. Click **Close** to close the Add Roles and Features Wizard.
20. Install **Microsoft .NET Framework 4.8** (you can download the installer from [here](#)).

Windows Server 2008 R2

1. In **Server Manager**, under the **Roles** node, select the **Web Server (IIS)** role.
2. In the **Role Services** section, click **Add Role Services**. The **Add Role Services** wizard appears.
3. Under the **Web Server** role service, select **Common HTTP Features**.
4. Under the **Web Server** role service, expand the **Common HTTP Features** node, and then select the **Default Document** and **Static Content**.
5. Under the **Web Server** role service, expand the **Application Development** node, and then select **ASP.NET**, **.NET Extensibility**, **ISAPI Extensions** and **ISAPI Filters**.
6. Under the **Web Server** role service, expand the **Security** node, and then select **Windows Authentication** and **Request Filtering**.
7. Under the **Web Server** role service, expand the **Management Tools** node and then select the **IIS Management Console**, **IIS 6 Management Compatibility** and **IIS Management Scripts and Tools**.
8. Under the **Web Server** role service, expand the **Management Tools** node, then expand the **IIS 6 Management Compatibility** node and select the **IIS Metabase Compatibility**, **IIS 6 Scripting Tools** and **IIS 6 WMI Compatibility**.
9. Click **Next** and verify the role service changes to be applied.
10. Click **Install** to start the installation process.
11. Click **Close** to close the **Add Role Services** wizard.
12. In **Server Manager**, under the **Features** section, click **Add Features**. The **Add Features** wizard appears.
13. Select the **.NET Framework 3.5.1 Features**. Click **Next** and verify the feature changes to be applied.
14. Click **Install** to start the installation process.
15. **Close** to close the **Add Features** wizard.
16. Install **Microsoft .NET Framework 4.8** (you can download the installer from [here](#)).