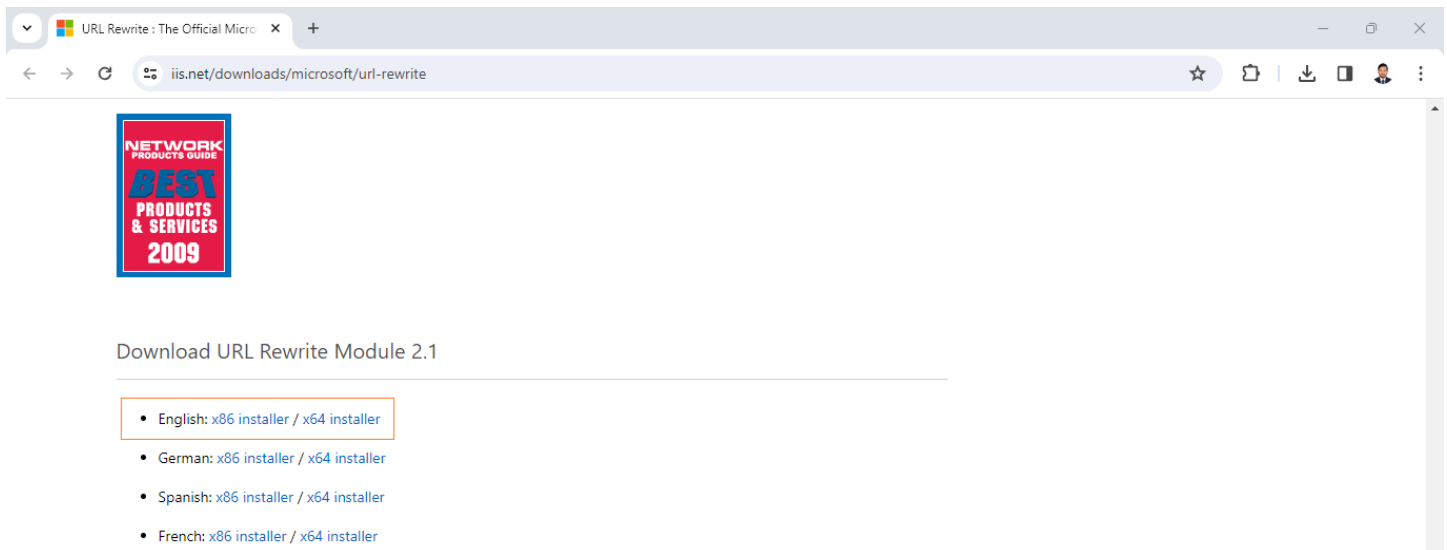


Publish Angular & ASP .NET Core API

Requirements

- Install **Internet Information Services (IIS) Manager** with the **Turn Windows Features on or off** - check the Internet Information Services and Internet Information Services Hostable Web Core
- <https://www.iis.net/downloads/microsoft/url-rewrite> go to link and download the **rewrite_amd64_en-US** and install



- <https://dotnet.microsoft.com/en-us/download/dotnet> go to link and download your .Net Version Hosting bundle and install

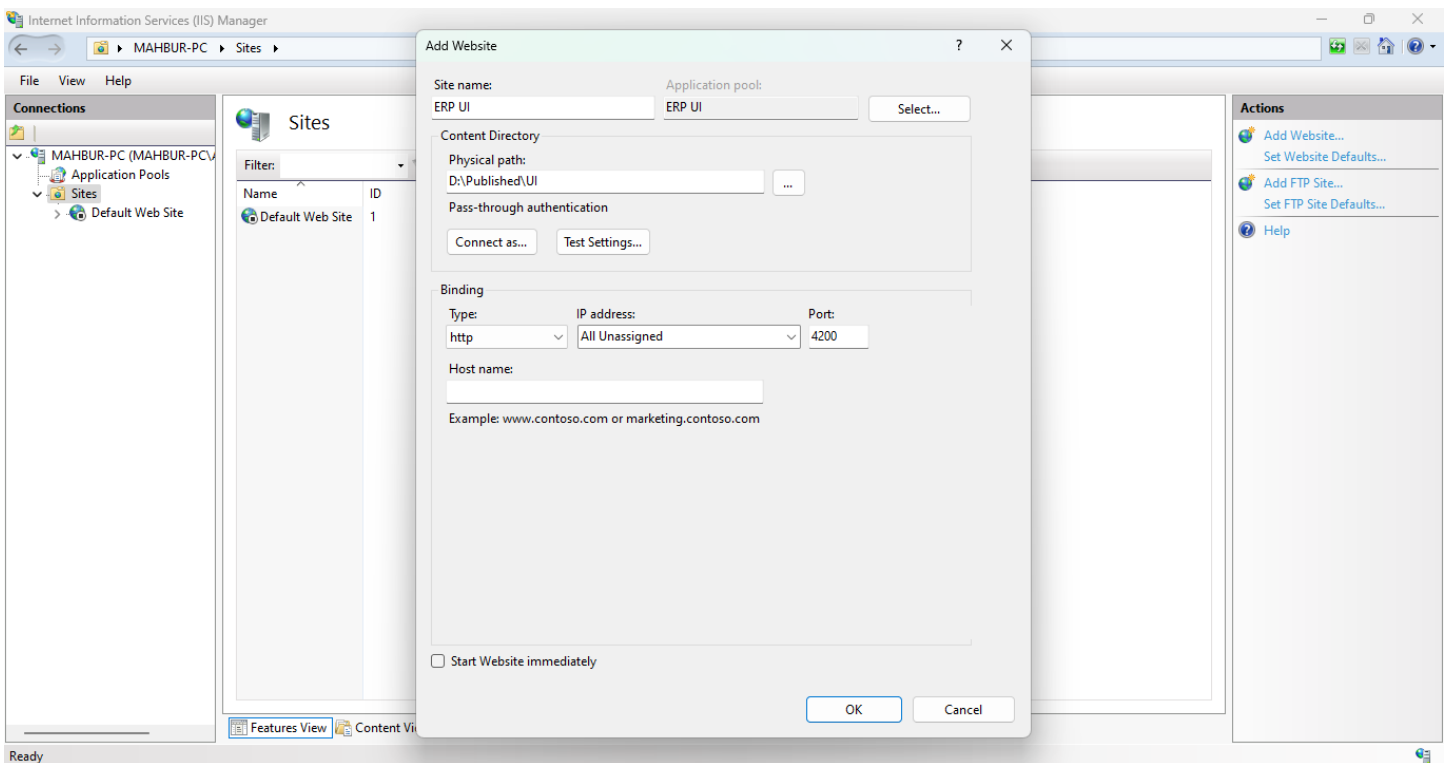
A screenshot of the '.NET Downloads (Linux, macOS)' page on dotnet.microsoft.com. The browser's address bar shows 'dotnet.microsoft.com/en-us/download/dotnet'. The page is titled 'Supported versions' and contains a table with the following data:

Version	Release type	Support phase	Latest release	Latest release date	End of support
.NET 9.0	Standard Term Support	Preview	9.0.0-preview.2	March 12, 2024	
.NET 8.0 (latest)	Long Term Support	Active	8.0.3	March 14, 2024	November 10, 2026
.NET 7.0	Standard Term Support	Maintenance	7.0.17	March 12, 2024	May 14, 2024
.NET 6.0	Long Term Support	Active	6.0.28	March 12, 2024	November 12, 2024

Below the table, there is a section titled 'Out of support versions' with the text: 'The following releases have reached end of life, meaning they're no longer supported. We recommend moving to a supported release.'

Version	Latest release	Latest release date	End of support
.NET 5.0	5.0.17	May 10, 2022	May 10, 2022

- Open **Internet Information Services (IIS) Manager** with the search bar
- Right Click on **Sites** and click the Add Website
- Set a **Site name**
- Select a **Physical path**
- Set a **Port**
- If you do not want to start website immediately, uncheck the **start website immediately**
- Click **OK**



- Build your project with **ng build** command in your command prompt.
 - Right click on the **dist** folder and click the **Reveal in File Explorer**.
 - Open the **dist** folder.
 - **Copy all** files & folders.
 - Open the **Physical path** and **Paste** files folders.
 - **Copy** the **web.config** file and **Paste** in the Physical path.
-
- Go to **IIS**
 - Click **Application Pools > Site name**
 - Right click the **Site name**
 - Go to the **Advanced Settings > Identity > LocalSystem**
 - Click the website name
 - Click the **start** in the right sidebar
 - Click the **Browse website** or Paste the link in the search bar in any browser.
 - Remember that the Application is stopped in your visual studio code or any IDE



web.config

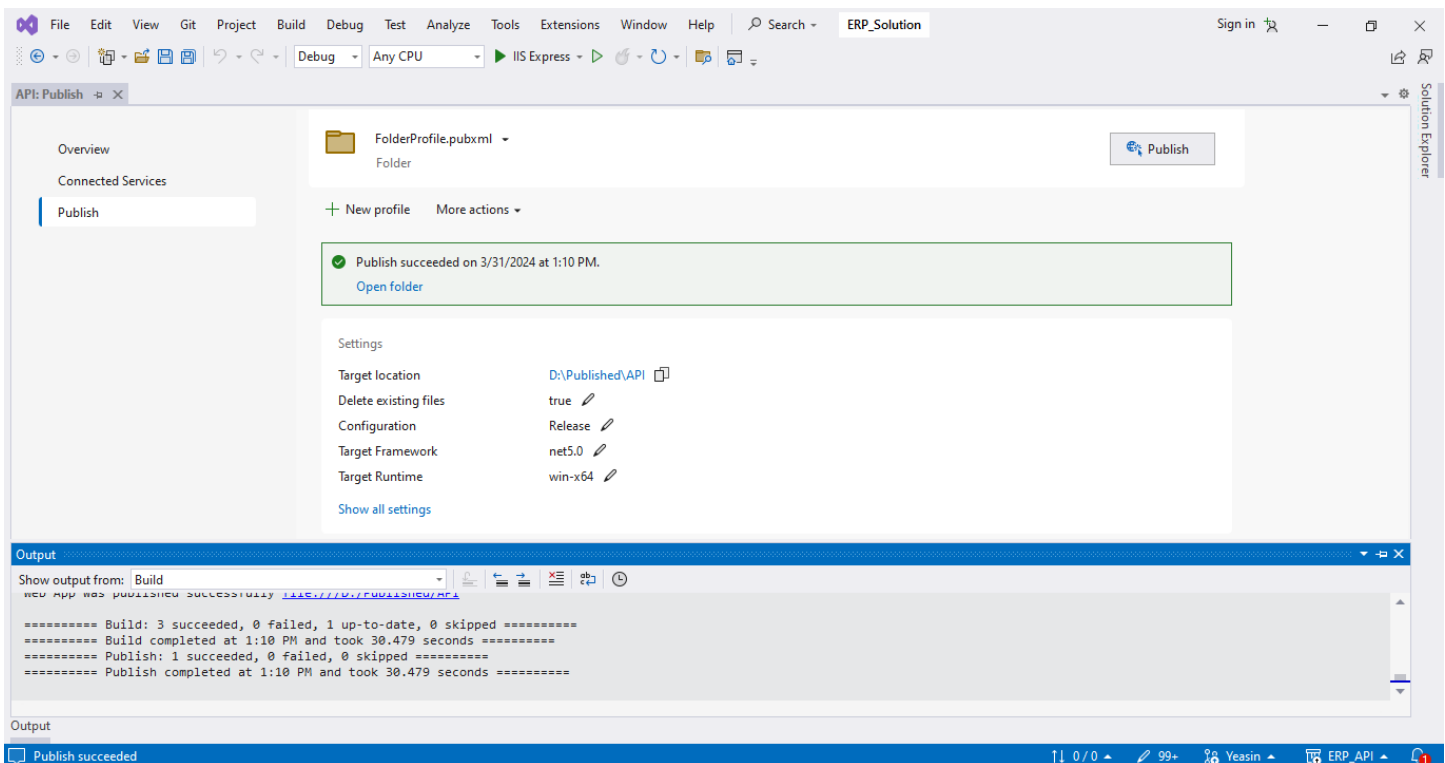
```
<?xml version="1.0" encoding="utf-8"?>
<configuration>

<system.webServer>
  <rewrite>
    <rules>
      <rule name="Angular Routes" stopProcessing="true">
        <match url=".*" />
        <conditions logicalGrouping="MatchAll">
          <add input="{REQUEST_FILENAME}" matchType="IsFile" negate="true" />
          <add input="{REQUEST_FILENAME}" matchType="IsDirectory" negate="true" />
        </conditions>
        <action type="Rewrite" url="index.html" />
      </rule>
    </rules>
  </rewrite>
</system.webServer>

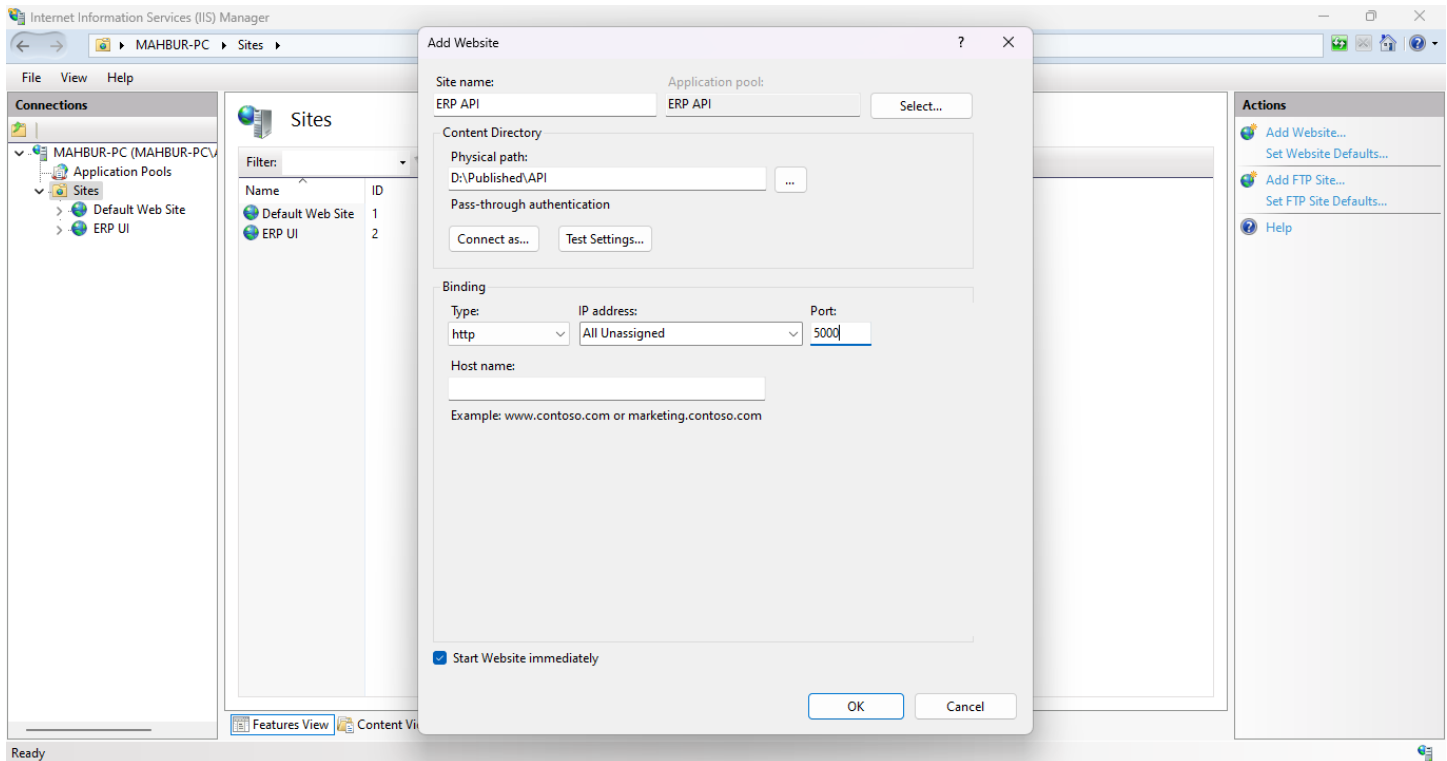
</configuration>
```

ASP .NET Core Web API

- Build your solution
- Right click your **root** project and click **Publish**
- Click **Add a publish profile > Folder > Next**
- Browse your **Folder Location > Finish**
- Click **Show all settings**
- Set Target Runtime **win-X64**
- Click **Entity Framework Migrations** and set their connection strings
- Click **SAVE**
- Click **Publish**



- Open **Internet Information Services (IIS) Manager** with the search bar
- Right Click on **Sites** and click the Add Website
- Set a **Site name**
- Select a **Physical path**
- Set a **Port**
- If you do not want to start website immediately, uncheck the **start website immediately**
- Click **OK**



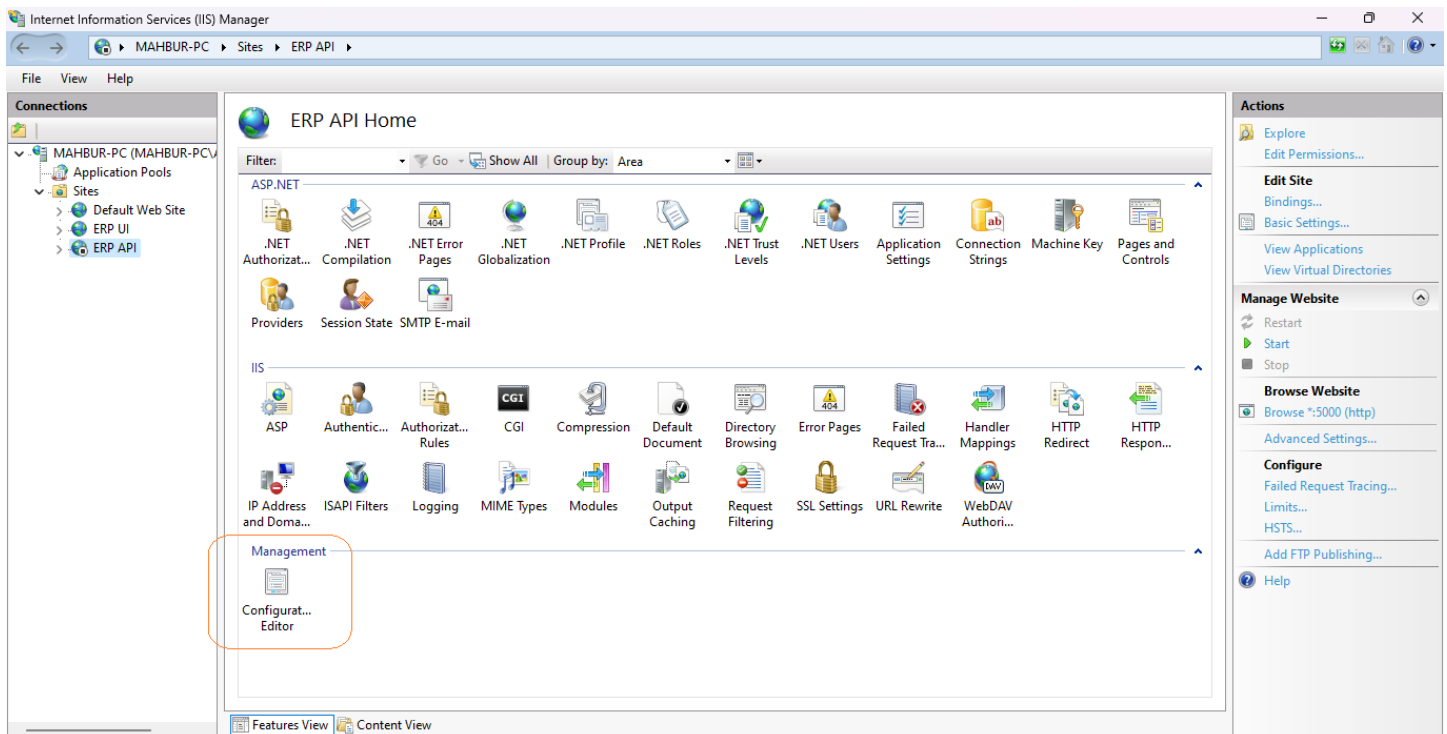
- Open the **web.config** file in the publish folder
- **Update** the web.config file with those code



web.config

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <location path="." inheritInChildApplications="false">
    <system.webServer>
      <handlers>
        <add name="aspNetCore" path="*" verb="*" modules="AspNetCoreModuleV2"
resourceType="Unspecified" />
      </handlers>
      <aspNetCore processPath=".\\API.exe" stdoutLogEnabled="false" stdoutLogFile=".\logs\stdout"
hostingModel="inprocess">
        <environmentVariables>
          <environmentVariable name="ASPNETCORE_ENVIRONMENT" value="Development" />
        </environmentVariables>
      </aspNetCore>
    </system.webServer>
  </location>
</configuration>
```

- Click the Site name
- Open the **Configuration Editor**



- Click the **three dots** of the **Deepest Path**
- Click **Add** in the Collection
- Add **key** and **value** with follow the **web.config** file
the **name**="ASPNETCORE_ENVIRONMENT" is the key and the **value**="Development" is the value
- Click **Apply**

- Click **Application Pools > Site name**
- Right click the **Site name**
- Go to the **Advanced Settings > Identity > LocalSystem**
- Click the website name
- Click the **start** in the right sidebar
- Click the **Browse website** or Paste the link in the search bar in any browser.
- Remember that the Application is stopped in your visual studio code or any IDE