Technology + People + Process

Create Blogs and Posts (Comments) in Sitefinity (/resources/white-papers/create-blogs-and-posts-in-sitefinity)

Kentico Hierarchical Transformation Layout (/resources/white-papers/hierarchical-transformation-hierarchical-viewer)

IIS express configuration to host websites

3 MIN READ

Background

In order to use IIS to run websites on developer PC the developer must get administrator access on PC. But according to the company policies developer should not get administrator access on desktop computer.

The solution is use IIS express to run site on developer desktop computer.

1. IIS express configuration

> Download IIS express from the following link and install on developer PC
> https://www.microsoft.com/en-us/download/details.aspx?id=48264.
> Once it installed the IIS express configuration files will be available at "Documents\IISExpress\config" and IIS express execution files will be available at the installation directory.
> EG: C:\Program Files\IIS Express;
> Set environment variable path to "C:\Program Files\IIS Express"
> Open advanced system settings -> Environment variables -> System Variables -> Path -> Edit ->New -> add the path C:\Program Files\IIS Express
> Follow the instruction from following link to run a site using IIS Express
> https://docs.microsoft.com/en-us/iis/extensions/using-iis-express/running-iis-express-from-the-command-line

2. Edit application host

Open the configuration file and add site configuration to the file
Eg:
```
<site name="WebApplication1" id="6">
<application path="/" applicationPool="Clr4IntegratedAppPool">
<virtualDirectory path="/" physicalPath="E:\WebApplication1\WebApplication1" />
</application>
<bindings>
<binding protocol="http" bindingInformation="*:8087:localhost" />
<binding protocol="https" bindingInformation="*:44333:localhost" />
```

```
                <binding protocol="http" bindingInformation="*:80:mycustomdomain.com " />
```

```
</bindings>
</site>
```
To run the site use the below command
iisexpress /config: C:\Users\<UserName>\Documents\IISExpress\config\applicationhost.config /site:
WebApplication1

3. Start site using custom domain

Below configurations must be completed by a user with admin access on pc
Step 1: Edit the applicationhost.config file and add the custom domain binding to the configuration
Eg:
```
<site name="WebApplication1" id="6">
<application path="/" applicationPool="Clr4IntegratedAppPool">
<virtualDirectory path="/" physicalPath="E:\WebApplication1\WebApplication1" />
</application>
<bindings>
<binding protocol="http" bindingInformation="*:8087:localhost" />
<binding protocol="https" bindingInformation="*:44333:localhost" />
                <binding protocol="http" bindingInformation="*:80:mycustomdomain.com " />

</bindings>
</site>
```
Step2: Open command prompt as Administrator and run below command
Whoami- to get the current user name
netsh
http add urlacl url=http://mycustomdomain.com:80/ user=everyone or UserName
http add urlacl url=https://mycustomdomain.com:443/ user=everyone or UserName
quit
Step 3: Start the site using below line
iisexpress /config: C:\Users\<UserName>\Documents\IISExpress\config\applicationhost.config /site:
WebApplication1

4. Debug site on Visual studio

Start the site using the command
iisexpress /config: C:\Users\<UserName>\Documents\IISExpress\config\applicationhost.config /site:
WebApplication1
Now open visual studio -> debug -> attach process -> attach iis express process.
Now debug the code as usual.

Configure IIS express on visual studio

Select the web application project and open properties -> select the web tab -> under server's select IIS express-
> Specify the project URL.
Now open the project folder and .vs folder (Hidden) -> Config -> applicationhost.config and make required
configuration changes as detailed above.

Delete Url reservation

Use the below command to delete the URL reservation
netsh http delete urlacl http://mycustomdomain.com:80/

Downloads

Direct WhatsApp Chat (https://bit.ly/2VT1jXe)

REQUEST FOR QUOTE

Enter Your Name *

Enter Your Email ID *

Enter Your Phone Number

Enter Your Message *

Enter security code *

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