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An error occurred attempting to determine the process id of dotnet.exe which is hosting your application. One or more error occurred

Asked 3 years ago Active 2 months ago Viewed 37k times



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I have clone the project from source url. My friend has developed the asp.net core web application using .NetCore 1.0.0-preview2-003121 sdk. However on my pc I have install .NetCore 1.0.1-preview2-003131 sdk. **I am getting the error.** I changed the version in the global.json file as you can see below but still no solution.I google it but all the solution are not working for me.



Global.json file



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```
{
  "projects": [ "src", "test" ],
  "sdk": {
    "version": "1.0.0-preview2-003131"
  }
}
```

Project.json

```
{
  "userSecretsId": "aspnet-FMM-02f339eb-4af7-42c9-b7f3-d05b48d36811",

  "dependencies": {
    "Microsoft.NETCore.App": {
      "version": "1.0.0",
      "type": "platform"
    },
    "Microsoft.AspNetCore.Authentication.Cookies": "1.0.0",
    "Microsoft.AspNetCore.Diagnostics": "1.0.0",
    "Microsoft.AspNetCore.Diagnostics.EntityFrameworkCore": "1.0.0",
    "Microsoft.AspNetCore.Mvc": "1.0.0",
    "Microsoft.AspNetCore.Razor.Tools": {
      "version": "1.0.0-preview2-final",
      "type": "build"
    },
    "Microsoft.AspNetCore.Server.IISIntegration": "1.0.0",
    "Microsoft.AspNetCore.Server.Kestrel": "1.0.0",
```

```
"Microsoft.AspNetCore.StaticFiles": "1.0.0",
"Microsoft.Extensions.Configuration.EnvironmentVariables": "1.0.0",
"Microsoft.Extensions.Configuration.Json": "1.0.0",
"Microsoft.Extensions.Configuration.UserSecrets": "1.0.0",
"Microsoft.Extensions.Logging": "1.0.0",
"Microsoft.Extensions.Logging.Console": "1.0.0",
"Microsoft.Extensions.Logging.Debug": "1.0.0",
"Microsoft.Extensions.Options.ConfigurationExtensions": "1.0.0",
"Microsoft.VisualStudio.Web.BrowserLink.Loader": "14.0.0",
"Microsoft.VisualStudio.Web.CodeGeneration.Tools": {
  "version": "1.0.0-preview2-final",
  "type": "build"
},
"Microsoft.VisualStudio.Web.CodeGenerators.Mvc": {
  "version": "1.0.0-preview2-final",
  "type": "build"
},
"Microsoft.EntityFrameworkCore.Tools": {
  "version": "1.0.0-preview2-final",
  "type": "build"
},
"Microsoft.EntityFrameworkCore": "1.0.0",
"Microsoft.AspNetCore.Identity": "1.0.0",
"Microsoft.AspNetCore.Identity.EntityFrameworkCore": "1.0.0",
"Microsoft.EntityFrameworkCore.Relational": "1.0.0",
"Microsoft.EntityFrameworkCore.SqlServer": "1.0.0",
"Microsoft.EntityFrameworkCore.Design": "1.0.0-preview2-final",
"Microsoft.AspNetCore.Authentication.Facebook": "1.0.0",
"Microsoft.AspNetCore.Authentication.Google": "1.0.0",
"MailKit": "1.8.1",
"NLog.Extensions.Logging": "1.0.0-*",
"System.Data.SqlClient": "4.1.0"
},

"tools": {
  "Microsoft.AspNetCore.Razor.Tools": "1.0.0-preview2-final",
  "Microsoft.AspNetCore.Server.IISIntegration.Tools": "1.0.0-preview2-final",
  "Microsoft.EntityFrameworkCore.Tools": "1.0.0-preview2-final",
  "Microsoft.Extensions.SecretManager.Tools": "1.0.0-preview2-final",
  "Microsoft.VisualStudio.Web.CodeGeneration.Tools": {
    "version": "1.0.0-preview2-final",
    "imports": [
      "portable-net45+win8"
    ]
  }
}
},

"frameworks": {
  "netcoreapp1.0": {
```

```
"imports": [
  "dotnet5.6",
  "portable-net45+win8"
]
},

"buildOptions": {
  "emitEntryPoint": true,
  "preserveCompilationContext": true,
  "xmlDoc": false
},

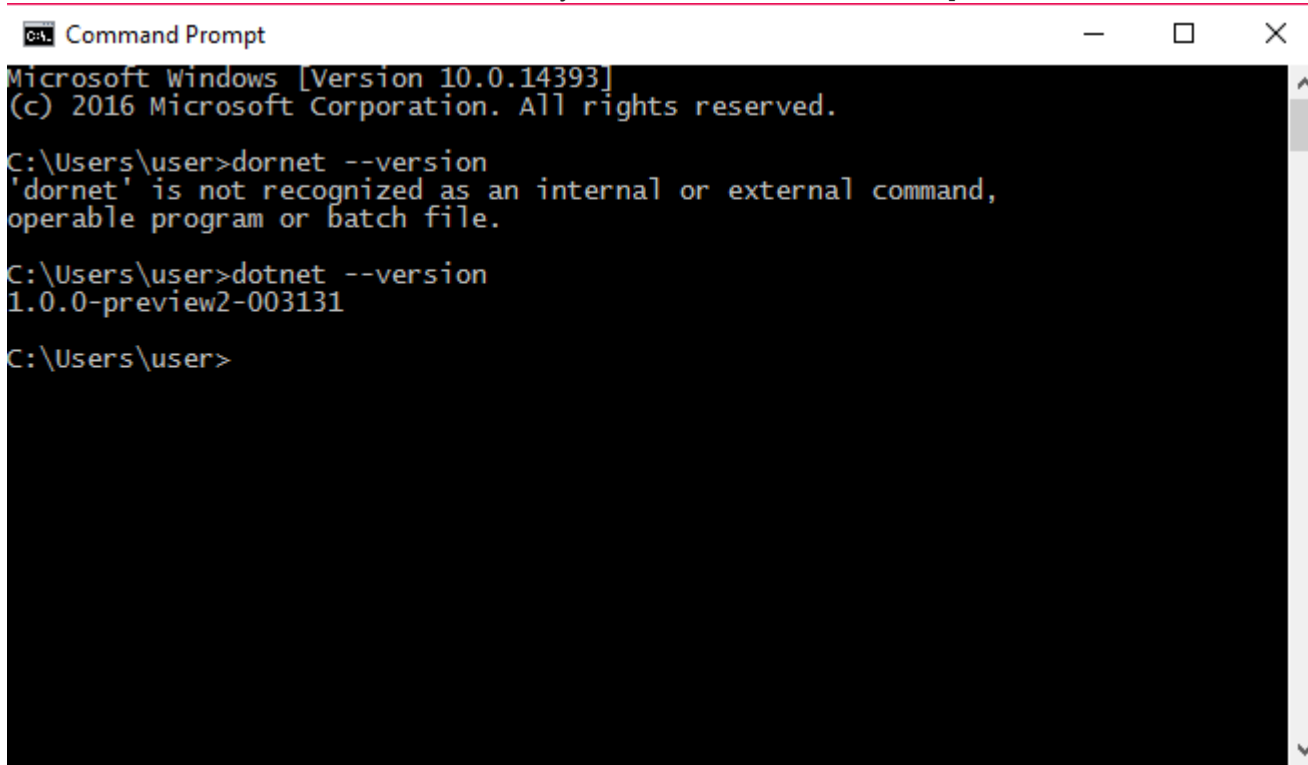
"runtimeOptions": {
  "configProperties": {
    "System.GC.Server": true
  }
},

"publishOptions": {
  "include": [
    "wwwroot",
    "Views",
    "Areas/**/Views",
    "appsettings.json",
    "web.config",
    "nlog.config"
  ]
},

"scripts": {
  "prepublish": [ "bower install" ],
  "postpublish": [ "dotnet publish-iis --publish-folder %publish:OutputPath% --framework %publish:FullTargetFramework%" ]
}
```

Dot net version in my pc

How can I solve this issue. Please can anyone let me know about this. [



```
Command Prompt
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\user>dornet --version
'dornet' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\user>dotnet --version
1.0.0-preview2-003131

C:\Users\user>
```

The screenshot shows the Visual Studio IDE. The top pane displays a JSON file named `project.json` with the following content:

```
1 {  
2   "projects": [ "src", "test" ],  
3   "sdk": {  
4     "version": "1.0.0-preview2-003131"  
5   }  
6 }  
7
```

The bottom pane shows the Output window with the following text:

```
1>----- Build started: Project: FMM, Configuration: Debug Any CPU -----  
1> C:\Program Files\dotnet\dotnet.exe build "D:\fish\FishermansMate\Staging\src\FMM" --configuration Debug --no-dependencies  
1> Project FMM (.NETCoreApp,Version=v1.0) was previously compiled. Skipping compilation.  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
```

An error dialog box is overlaid on the IDE, titled "Microsoft Visual Studio". It contains a red circle with a white 'X' icon and the following text:

An error occurred attempting to determine the process id of dotnet.exe which is hosting your application. One or more errors occurred.

The dialog box has an "OK" button at the bottom right.

[c#](#)[asp.net](#)[asp.net-mvc](#)[asp.net-core](#)

edited Mar 19 '17 at 15:28



Rich Turner

9,149 1 40 59

asked Dec 5 '16 at 0:30



San Jaisy

5,874 10 57 99

What is the error message you get when you run `dotnet build` on the directory where the project is located (i.e., the directory where `project.json` is located)? Also, without knowing the error message you're getting... can you comment out `"sdk": { "version": "1.0.0-preview2-003131" }` from `global.json` and try as well? – kimbaudi Dec 5 '16 at 3:47

@kimbaudi I comment the sdk same error. I have uploaded the error screen shots. Please have a look – San Jaisy Dec 5 '16 at 4:36

- 1 I was hoping you can open your Command Prompt and `cd /d "D:\fish\FishermansMate\src\FMM"`. Then enter `dotnet build` and then `dotnet run`. Can you try? Based on your screenshot of Visual Studio Output, it looks like you have another process running dotnet, which means you might want to restart your PC and try running it again. That might solve your problem. – kimbaudi Dec 5 '16 at 5:01

@kimbaudi - Same issue.... not working – San Jaisy Dec 5 '16 at 5:26

- 2 try deleting the bin and obj folders. also try deleting `project.lock.json`. after that, restart Visual Studio and rebuild the project. – kimbaudi Dec 5 '16 at 7:07

17 Answers



106



+100

An error occurred attempting to determine the process id of dotnet.exe which is hosting your application. One or more errors occurred.

That problem can occur when three things are true:

1. your app is trying to run with SSL,
2. your app does not have an SSL Certificate setup, and
3. you are debugging your app (which is preventing SSL certificate setup).

As a quick fix attempt, run the app without debugging via `Ctrl` + `F5` or view the app in the browser via `Ctrl` + `Shift` + `W`. That might install the SSL certificate for you. If it does not, consider changing your app's launch settings from HTTPS to HTTP. If you really need SSL, you'll have to figure out how to install and use an SSL certificate on your local machine.

Checkout out these on GitHub and StackOverflow.

- <https://github.com/aspnet/Home/issues/1608>
- <https://github.com/aspnet/Home/issues/1723>
- <https://github.com/Azure-Samples/active-directory-dotnet-webapp-openidconnect-aspnetcore/issues/17>
- [An error occurred attempting to determine the process id of the DNX process hosting your application on clean installed windows 10 + vs2015](#)

edited May 23 '17 at 10:31



Community ♦

1 1

answered Dec 10 '16 at 4:59



Shaun Luttin

84.6k 48 282 336

4 Any ideas what might cause this if the application is not using SSL? – [philreed](#) May 25 '18 at 13:184 I am getting this same Error, but not running in https, "Enable SSL" is off only, still getting this error, any pointers?? – [Syed Mohamed](#) Jul 25 '18 at 10:57

47

Note that for IIS Express to work with SSL, the port needs to be in the **44300 through 44399 range** (from [How do I restore a missing IIS Express SSL Certificate?](#) -original article <https://docs.microsoft.com/en-us/iis/extensions/using-iis-express/running-iis-express-without-administrative-privileges>)

For other ports Visual Studio 2017 didn't install the SSL Certificate, but I was able to install it as suggested in [How do I restore a missing IIS Express SSL Certificate?](#)

From an elevated command prompt run (specify your port number):

```
cd "C:\Program Files (x86)\IIS Express"
IisExpressAdminCmd.exe setupsslUrl -url:https://localhost:55555/ -UseSelfSigned
```

Edit:

Then browse to the website <https://localhost:44348/> (using FF) and if you're prompted add the security exception.

edited Sep 24 at 5:53



jeremy.bass

1,176 3 19 48

answered Jun 10 '17 at 11:25



MiFreidgeim SO-stop being evil

16.4k 8 108 124

that one helped me. Changing the port sorted the problem out. Thank you. – [madoxdev](#) Feb 24 '18 at 13:26

4 this should be the selected answer – [Kaptein Babbalas](#) Apr 9 '18 at 15:32

You are absolutely right, was using 43301 instead of 44301 – [Ody](#) Jul 30 '18 at 12:51

Saved me amount of time – [Luca Ziegler](#) Jun 24 at 12:26



This may happen when you try to run your application with the "Enable SSL" setting enabled, and if the self-signed certificate has not been installed as a trusted root certificate.

34



To fix, follow these steps:

1. Press `CTRL` `F5` to start your application and have VS create the self-signed certificate.
2. If the application did not start in Internet Explorer, open an IE window and copy/paste the start URL into that window.
3. IE will display a certificate warning. Click "Continue to this website."
4. Click on the red certificate error symbol in the address bar and then "View certificates".
5. In the dialog that opens click "Install certificate...".
6. In the certification installation dialog choose "Local machine", (not "Current user"), then click "Next".
7. Select "Place all certificates into the following store" and in the "Browse..." dialog, select "Trusted Root Certification Authorities".
8. Complete the installation dialog, then close and reopen the browser tab. Now no certificate error should be displayed.

You are all set now to run your project with `F5` in debug mode.

answered Apr 18 '17 at 3:39

 [Christoph](#)
1,399 8 17

This fixed it for me. – [Thomas](#) May 9 '17 at 22:11

exactly what I was looking for – [Carl Pease](#) Jul 9 '17 at 9:07



9



I had this same issue, eventually realizing that I had set up an HTTPS URL Rewrite in my application's web.config for use in production. However, I didn't want to mess with SSL in my dev environment, so I decided to remove it.

After deleting the section and attempting to debug the app again, I noticed that Chrome kept redirecting my localhost to HTTPS, in spite of the fact that I hadn't selected "Enable SSL" in the application properties.

What finally got my app debugging locally in HTTP again was clearing my Chrome cache.

Hope this helps someone else who's stuck!

answered Feb 17 '17 at 17:21



[Ben Walters](#)

510 5 8

The redirection from HTTP to HTTP could most likely because of the HSTS settings. Type in Chrome's address bar the following and press enter
chrome://net-internals/#hsts – [Steve Johnson](#) Mar 7 '17 at 7:45



2



Please remember always to declare your new IIS Web Site in hosts file inside System32 folder if you are using Windows. This was my case, feeling dump!

answered Jul 24 '18 at 11:10



[ageroh](#)

75 1 3



1



I have a .NET Core app and I had accidentally changed my IIS settings *launchSettings.json* to use https instead of http. Reverting that change automatically fixed my issue.

answered May 5 '17 at 14:46



[thielyrics](#)

39 4



1



In my case, the problem arised because of redirect rule in web.config (http -> https). Try to disable redirect rule and check if it works.

answered Jul 11 at 12:46



[Pavel Melnikov](#)

607 6 7

I had to remove both `httpRedirect` and `rewrite` sections – [BurnsBA](#) Jul 18 at 17:53



I had the same issue tried almost all solutions mentioned here but then eventually found that I have an error in error list after resolving the issue I was able to run my project.

0



answered Jul 2 at 5:18

[Aneeq Azam Khan](#)

369 1 4 14



I ran into the same issue and what i did to fix was in my launchSettings.json I added this line of code and do not change the http to https or you will get the same error

0



"iisSettings": { "windowsAuthentication": false, "anonymousAuthentication": true, "iisExpress": { "applicationUrl": "<http://localhost:44342> your localhost Id", "sslPort": 44342 }

answered Dec 9 '18 at 1:52

[Clarence Wilson](#)

1 1



I encountered the same error. In my case I overlooked the fact that I had URL Re-Write rules in my web.config file (doh). Commenting out the re-write rule fixed the issue.

0



```
<system.webServer>
  <rewrite>
    <rules>
      <rule name="Redirect to Https" stopProcessing="true">
        <match url="(.*)" />
        <conditions>
          <add input="{HTTPS}" pattern="^OFF$" />
        </conditions>
        <action type="Redirect" url="https://{HTTP_HOST}{REQUEST_URI}" />
      </rule>
    </rules>
  </rewrite>
</system.webServer>
```

answered Sep 6 at 14:38

[BDarley](#)

237 2 11

Make sure your IP address hasn't changed (if using a DNS name)

0 Whether using 'real DNS' or an override in `hosts` make sure your local IP hasn't changed.

If you're using NAT and you don't have a fixed local IP assigned to your machine this is very easy to do. In fact it could be months before you are issued with a new IP making it all the more confusing!

I had an entry

```
192.168.1.134    dev.example.com
```

in my hosts file, but my local IP changed to `192.168.1.136`.

You can probably use `127.0.0.1` instead.

After fixing this for my case I had to restart Visual Studio, and also full IIS (not sure why).

PS. I actually set `192.168.1.134` in my 'real DNS' to facilitate testing on mobile devices with a proper DNS name and certificate. So when this changes it breaks.

answered Dec 18 '18 at 4:29



[Simon_Weaver](#)

103k

69

511

566

I solved it by doing the following steps:

- Copying the `appsettings.Development.json` from the Solution folder to `\bin\Debug\netcoreapp2.0`
- Rename it to `appsettings.json`

Worked like a charm for me.

answered Apr 9 '18 at 21:10



[kidra.pazzo](#)

195

8

Make sure you don't have a proxy enabled for LAN

0

Other answers are great but I got this error after a restart following a crash. When Windows crashed it was running Fiddler, which registers itself as a LAN proxy. Fiddler cannot unregister itself due to crash and when windows boots browsers etc work but LAN proxy setting is now messing up access to IIS Express (would probably mess with IIS too)

So make sure you don't have a local proxy configured in your Internet options

answered Jan 22 at 15:20



mahonya

5,830 5 33 57

0

If you are using IIS (not Express) a simple Stop and Start of it did the work.

answered Mar 26 '18 at 12:16



gneric

887 8 19

0

by adding in .csproj file in PropertyGroup solved this issue for me

```
<AspNetCoreHostingModel>InProcess</AspNetCoreHostingModel>
```

edited Jun 6 at 6:42



Bhargav Rao ♦

34.3k 22 101 118

answered Jun 6 at 5:37



Imran

1

0

I fixed this by doing:

CMD:

```
netsh http add iplisten ipaddress=192.168.xxx.xxx
```

then control + c to exist, then iisreset

answered Aug 2 '18 at 19:51

**Jake Steele**

449 3 14



0



I could not get IIS Express to run using HTTPS, but I was able to make it work using the 'webApp' profile (launch as project). From command line, I had to run:

```
dotnet dev-certs https --trust
```

--trust is optional but will prevent browser warnings for an untrusted cert.

answered Jan 31 at 15:54

**Christopher Dunn**

51 4

