Stack Overflow is a question and answer site for professional and enthusiast programmers. It's 100% free, no registration required.

Take the 2-minute tour   ✕

The requested page cannot be accessed because the related configuration data for the page is invalid error

I want to upload my own asp.net website on the IIS through `IIS manager` . But when I do this I get the following error

> HTTP Error 500.19 - Internal Server Error The requested page cannot be accessed because the related configuration data for the page is invalid

```
Module   IIS Web Core
Notification    Unknown
Handler Not yet determined
Error Code  0x80070005
Config Error    Cannot read configuration file due to insufficient permissions
Config File \\?\C:\Users\Yasso\Documents\Visual Studio 2008\WebSites\WebSite5\web.config
```

I searched many times for a solution for this error but none of the solutions solved the error.

I have a problem in IUSR account. I can't see this account in the "group or user names" in the properties of the `web.config` .

What is the problem?

c#	asp.net	iis-7	iis-manager

edited Jan 10 '14 at 20:27	asked Feb 9 '12 at 17:56
Tony Adams	Yasmeen
444 6 21	**2,173** 3 8 12

1   I had this issue after reverting some changes via Subversion (although it could be a coincidence). I noticed that the `Web.config` file's ACLs were different to other files in the directory *and it was not inheriting from it's parent*. I enabled ACL inheritance and everything went back to normal. – ta.speot.is Nov 7 '12 at 0:01

My solution was slightly different. On some Windows Server 2008 machines, you need to give access to the "IIS_IUSRS" group, not the "IUSR" user--within the site folder security permissions. Make sure to go to your machine's location. – MacGyver Mar 13 '13 at 2:18

See this too it might be one of the reason – RJK Aug 7 '13 at 6:54

I had this issue moving a site to a server that didn't have the IIS Url Rewrite module installed. – ScottE Jan 1 at 20:27

possible duplicate of ASP.NET: HTTP Error 500.19 – Internal Server Error 0x8007000d – qub1n Feb 11 at 16:05

28 Answers

The message is saying that your configuration file is corrupt in some way. However it also says that it can't actually access the config file. So I'd ignore the original message about corruption/lack of validity as this is most likely just the effect of not being able to read the file due to a lack of authorization.

The reason it cannot read the config file is because the process running your web app does not have permission to access the file/directory. So you need to give the process running your web app those permissions.

The access rights should be fairly straightforward, i.e. at least *Read*, and, depending on your app, maybe *Write*.

Above, you mention *IUSR* etc. not being in the properties for `web.config` . If by that you mean that *IUSR* is not listed in the security tab of the file then it's a good thing. One doesn't want to

give *IUSR* any kind of permission to *web.config*. The role *IUSR* is an anonymous internet user.

The file *web.config* should **only** be accessible through your application.

The problem is you haven't said which OS and IIS version you are using so it's difficult to advise which steps to take.

I.e. in IIS 7.5, the error message you're quoting is likely to occur due to your *ApplicationPoolIdentity* not being assigned the permissions. Your web application belongs to an application pool and so you need to give the permissions to the OS account that your web application's application pool runs under. Often this is something like *NetworkService* but you may have customized it to run under a purpose made account. Without more info it's difficult to help you.

| edited Nov 16 '12 at 8:45	answered May 13 '12 at 9:00
Konrad Viltersten	intermension
5,477 9 42 96	**1,073** 1 11 12

1   Can I give this permission programmatically? Please help. I am having same problem. – pcbabu May 22 '13 at 12:47

Thanks this solved my problem as well. I am using impersonation which apparently makes it necessary to assign READ permissions to the application's directory for the impersonated account. – Cesar Jun 30 '13 at 4:34

I keep getting "Failed to enumerate objects in the container. Access is denied." afterI I give permission – The Poet Mar 12 at 23:40
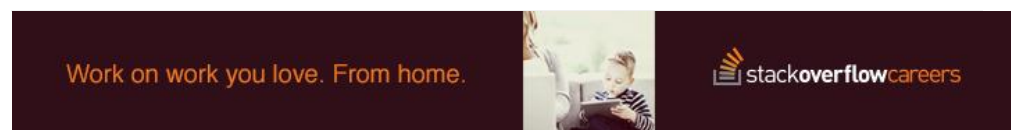
This can also happen if the site is configured to use the IIS URL Rewrite module but it is not installed.

answered Jan 21 '13 at 23:14
bkaid
32.6k   12   80   103

This was it for me.. removed the rewrite section (which is wasn't really needing anyhow) and all is good. – Andrew Patterson Feb 14 '13 at 1:41

1   Never would have guessed it. Saved the day!!! – Derek Hunziker May 10 '13 at 21:29

23   Well played. <rant>It'd be nice if IIS would throw an "I don't understand what <rewrite> is" error, rather than complaining about malformed XML.</rant> – Evan Haas Jun 11 '13 at 14:22

3   Thank you much - that was my issue too. Rewrite module is in use if you see <rewrite> tag. One would think IIS could tell you what is can't parse. – scolestock Nov 6 '13 at 21:58

3   Nice easy way to resolve the missing dependancy on the command line; webpicmd /Install /Products:UrlRewrite2 – cirrus Oct 20 '14 at 13:00

Finally I get the solution for my problem. The asp.net account not appear in the IIS manager because I didn't check its check Box in IIS to do this in windows 7 follow the steps

1. Open control panel
2. Click on" program" link (not uninstall programs)
3. Click" turn windows features on/off" link
4. locate" Internet Information services IIS" in the pop up window and expand its node
5. Expand the" World Wide Web Service" node
6. Expand "Application Development Features" node
7. check the check box of"ASP.NET"
8. Then click ok button

Now you will see the Asp.net account on the IIS manager and by default you see IIS account Now you should move you asp.net website from "my document" to another place the IIS have

permission to access it (to any partition on your computer) Now browse your website from IIS manager and it should work. **Thanks a lot for Jeff Turner for the solution**

edited Apr 3 '13 at 8:32   answered Feb 11 '12 at 11:46
tranceporter   Yasmeen
1,662   7   17   **2,173**   3   8   12

---

2   Solved mine as well. IIS 8, MVC 4 site. – Stephan Ryer Jun 4 '13 at 12:40

Someone must have removed this role service from a server that had been running for months. I would never have guessed to double check that. Ugh. – SixOThree Aug 12 '13 at 16:59

Even easier, using the command line: `dism /NoRestart /Online /Enable-Feature /FeatureName:IIS-ASPNET` – i3arnon Jul 22 '14 at 14:26

In my case installing IIS URL Rewrite module solved the problem.

answered Jan 25 '13 at 14:39
Salim
370   2   7

Thanks for the suggestion, I was actually going crazy today... – Sergio Vicente Mar 26 '13 at 10:38

this is me reminding myself next time that this is what fixed it for me. what a horrible error :-/ – Simon_Weaver Mar 29 '13 at 22:26

I have no idea what it certainly does but it worked for me. thanks – Scorpion Apr 24 at 10:35

You need to assign permissions for IIS_IUSRS on the local machine (but you don't have to assign for IUSR, in fact it will work even if you explicitly deny permissions).

To assign permissions, just right click on the folder and on the security tab make sure to grant the correct permissions, and if the user is not listed then click "ADD", and enter IIS_IUSRS (and make sure that under "domain" the local computer is selected, or enter in the name field *YourLocalComputerName*\IIS_IUSRS), and then you are good to go.

If you want you can instead of assigning permissions to the IIS_IUSRS group, you can instead assign to the app pool which should in general be "IIS APPPOOL\ *app pool name*".

answered Aug 14 '12 at 16:19
yoel halb
3,265   1   24   25

I was having the same problem, here is the solution that worked for me.

1. IIS Manager
2. Right clicked on that Website
3. Edit Permissions
4. Added user 'IIS_IUSRS' from Secutiry tab
5. Gave full permissions to User 'IIS_IUSRS'
6. Set the Application Pool's Identity to 'ApplicationPoolIdentity'

answered Jan 23 '14 at 14:42
sukhdev zala
231   5   10

Your 1-5 fixed it for me. Thanks sukhdev_zala – Velojet May 23 '14 at 5:42

Same for me, your 1-5 fixed it for me. – Patrice Calvé Jun 12 '14 at 13:16

Facepalm alert:

You will also get this error if the path to the config file is wrong. Double-check it to make sure the physical path is entered correctly in IIS.

edited Sep 20 '13 at 14:55

answered Sep 19 '13 at 13:51

Jon Crowell
7,021   1   29   52

As a variant of this, it turns out that I set the path incorrectly to the site itself. I accidentally went through the mapped network share instead of the local system file path. – David Jul 30 '14 at 0:54

Make sure you have the application pool set to the correct version of the framework. You'll also need to make sure your aspnet or IUSR users have read access to the application's directory.

answered Feb 9 '12 at 17:58

Jeff Turner
991   5   9

How can i do this?? "make sure your aspnet or IUSR users have read access to the application's directory"
– Yasmeen Feb 9 '12 at 18:03

3   go to C:\Users\Yasso\Documents\Visual Studio 2008\WebSites\WebSite5\ and make sure the WebSite5 directory has read permissions for the IUSR and IIS_IUSRS group. You do this by right clicking on the directory and selecting properties, then going to the security tab. – Jeff Turner Feb 9 '12 at 18:06

But i don't see IUSR and IIS_IUSRS group in the group or user name!! i don't know what is the problem?? – Yasmeen   Feb 9 '12 at 18:08

1   do you see an option for network service? by default that is what the application pool will use when you're working on your desktop (if i recall correctly) – Jeff Turner Feb 9 '12 at 18:12

1   when you go to the security tab, after you've right-clicked on the folder and selected properties. Click the "Add" button, which should spawn another window with an "Edit" button. Click the "Edit" button and type in "Network Service" into the textbox, It should find the user and add it to the list. Then make sure that user has Read priviledges at the very least. – Jeff Turner Feb 9 '12 at 18:19

Sometimes this message has can be missing components in your IIS environment e.g. a particular framework, or an IIS feature like dynamic compression, rather than permissions to web.config.

If this is the case, a solution can be to install and use the Microsoft Platform Installer and install those missing components - you might have to take a stab at what exactly is missing because the error log and message don't tell you.

answered Dec 12 '12 at 0:52

eagle779
425   3   12

NB: dynamic compression is in the 'windows features' list and not MPI – Simon_Weaver Mar 29 '13 at 22:08

@Simon_Weaver actually dynamic compression *is* in the list of things MPI will install for you and has been since 2012, perhaps even before then. cheers. – eagle779 Apr 9 '14 at 1:24

The same thing happened with me , Try checking this by double clicking on the Connection strings on the right pane of IIS 7 when you select a website.

It will give you an error (that there is some problem with web config file), because you have used URL rewrite rules and the respective component is not installed.

Install "Microsoft URL Rewrite Module 2.0 for IIS 7" and this should fix your problem

answered Sep 18 '13 at 8:35

Tanuj Gulati
54   2

This also happened to me when I had a default document of the same name (like index.aspx) specified in both my web.config file AND my IIS website. I ended up removing the entry from the IIS website and kept the web.config entry like below:

```
<system.webServer>
  <defaultDocument>
```

```
    <files>
      <add value="index.aspx" />
    </files>
  </defaultDocument>...
```

answered Sep 21 '12 at 17:17

theJerm
1,966 2 12 17

One other possibility that fixed this problem for me:

IIS -> Edit Permissions -> Security Tab -> Give "Users" appropriate permissions (or IIS_IUSRS, depending on your setup)

answered Oct 23 '12 at 15:13

valen
347 5 29

---

got this problem with mapped drives, IIS doesn't work with mapped drives. Just use the unmapped drive.

answered May 6 '14 at 13:33

Rob Sedgwick
762 7 18

Pretty straight forward, IIS doesn't have access to your web.config. I'd start by taking the site out of your documents folder. Verify it has r/w permissions then as well.

answered Feb 9 '12 at 17:58

OnResolve
2,945 2 9 37

I move the site from Document to another place but the same error appear –   Yasmeen   Feb 9 '12 at 18:04

I too had the similar issue and i fixed it by commenting some sections in web.config file.

The project was earlier built and deployed in .Net 2.0. After migrating to .Net 3.5, it started throwing the exception.

Resolutions:

If your configuration file contains "<*sectionGroup name="system.web.extensions*>", comment it and run as this section is already available under Machine.config.

answered May 21 '13 at 8:56

Munna Singh
11 1

You need to set permission for your Website folder or copy they to wwwroot folder :) - If set permission, have 2 way: + Right click to Your Website folder + Or right click to Your Website in IIS => select Edit permission and Add a permission (IUSR - default iis user) Good luck ;-)

answered Jul 20 '13 at 17:53

SownRocker
21 1

On the IIS 7.5 error page you get click on 'View more Information' at the bottom of the page and in this case it will take you to the following Microsoft link:

http://support.microsoft.com/kb/942055

The 0x80070005 Error Code seems to be permissions related and following the steps in
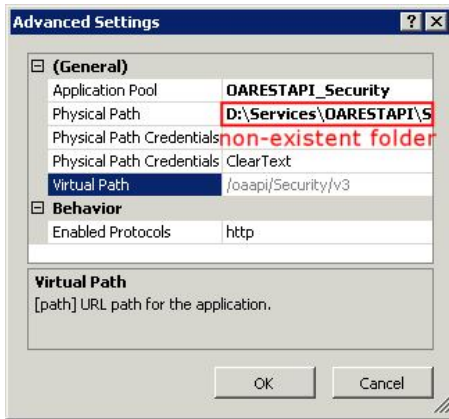
Resolution 2, Method 2 assigning the correct accounts with permissions on relevant folders
should fix it - I spent 3 days looking for a solution until I came across it, worked straight after.

answered Dec 3 '13 at 23:33
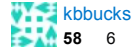
kbbucks
58   6

In my case, it caused by application physical path point to a non-existent
folder in IIS.

answered Jan 10 '14 at 22:40

cheng bo
2,218   3   12   29

Nothing here worked for me, I found this command in another SO answer though and it solved
my problem. Just start command prompt as an administrator and run this command:

```
run->cmd
```

```
run "c:\Windows\Microsoft.NET\Framework\v4.0.30319\aspnet_regiis.exe -i"
```

Credit: User Vicxx

answered Feb 20 at 12:09

Celt
368   3   18

Thanks; It worked for me too :-) – Kartheek May 14 at 13:21

No prob glad it worked :) – Celt May 14 at 13:26

You can get this error if you have a synax error or issue in your
web.config file.

For me, it was a stray ampersand in a URL that I was using in the
AppSettings.

answered Sep 25 '13 at 19:24

Tim P.
1,095   9   16

In my case I selected application pool with .NET Framework 2.0 and enabled 32-bit
application. I had .NET Framework 2.0 application.

I get a "An attempt was made to load a program with an incorrect format" error on a SQL
Server replication project

answered Feb 7 '14 at 6:41

Neshta
435   6   15

None of this worked for me, but I finally have a solution which worked for me:

remove this line in web.config:

```
<compilation debug="true" targetFramework="4.5"/>
```

don't remove this line

```
<compilation debug="true"/>
```

answered Aug 17 '14 at 22:01

steebchen
302   1   13

Add local account IIS_IUSRS to security, and grand them read/execute access. that works on my case.

answered Nov 25 '14 at 17:08

user3534355
3   1

Just change namespace from [WebService(Namespace = " http://tempuri.org/ ")] to

http://microsoft.com/webservices/

I solved my problem with this solution

answered Nov 28 '14 at 11:21

ComEngineer
1   2

I do these steps to solve this problem in Windows Server 2012, IIS 8.5. Should work for other versions too.

1. Go to server manager, click add roles and features
2. In the roles section choose: `Web Server`
3. Under Security sub-section choose everything (I excluded digest, IP restrictions and URL authorization as we don't use them)
4. Under Application Development choose `.NET Extensibility 4.5` , `ASP.NET 4.5` and both `ISAPI` entries
5. In the features section choose: `NET 3.5` , `.NET 4.5` , `ASP.NET 4.5`
6. In the web server section choose: `Web Server` (all), `Management Tools` (IIS Management Console and Management Service), Windows

edited Apr 25 at 14:05   answered Apr 25 at 13:45

shA.t   Sanbuur Dahir Hersi
3,496   2   9   32   **1**

In my case it works just commenting (or deleting) the anonymousAuthentication property:

```
<security>
    <authentication>
        <!--<anonymousAuthentication enabled="true" />-->
    </authentication>
</security>
```

answered May 7 at 1:45

Omar Vargas
1

---

* Very Easy Solution:

1. Go to IIS

2. Select your application from left Pane.

3. Double click on Directory Browsing in middle Pane.

4. Now go to right pane and under Action tab, Just click 'ENABLE'

That's all !!

People, try to understand the error: Config Error Cannot read configuration file due to insufficient permissions

answered Jul 7 '14 at 13:36

Aki
61   1   9

Explore the folder where your website is store and see you will get one extra folder "aspnet_client" delete that folder and it will work for you.

I tried this my problem is solved.

If it works for you please make it as answer so that some body else will also get solution.

answered Jul 14 '14 at 14:40

Rahul Sonone
54   4