

# Flutter Emulator Error Connecting to Service Protocol

Asked 6 years, 8 months ago Modified 8 months ago Viewed 101k times

67

I am having an issue with Flutter in Android studio, where whenever I run my flutter app, it will print this error; "Error connecting to the service protocol: HttpException: Connection closed before full header was received, uri = <http://127.0.0.1:53305/9So9Wn564F4=/ws>", and it will "disconnect" from the app in the emulator. The app will still run, but I can't use functions like Hot Reload.

I am on a Windows machine, and Flutter Doctor does not indicate any errors. I have tried to read up on similar issues on github posts, but I have been unable to resolve the problem.

Do any of you guys have any ideas on how to solve this issue?

The problem does not occur when running on an actual device, only in the emulator.

[android-studio](#) [flutter](#) [android-emulator](#)

Share Improve this question Follow

asked May 11, 2019 at 18:38



Simon Olsen

835 ● 1 ● 7 ● 15

Same! Which flutter version are you using? I'm using 1.5.4-hotfix.2. – [Jches](#) May 13, 2019 at 1:19

flutter\_barcode\_scan caused the error for me. Does anybody know a working barcode-package? – [relascope](#) May 11, 2020 at 16:00

I just did a cold boot and it worked. – [Tayyab Mazhar](#) Feb 19, 2021 at 18:32

1 I am facing the same issue, can it be related to the firewall i have on my Zorin OS(Ubuntu based) – [DaniyalAhmadSE](#) Jul 9, 2021 at 20:51

Try wiping emulator data – [Muhammad Faizan](#) Jul 27, 2021 at 7:17



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

Necessary cookies only

[Report this ad](#)

Customize settings

[1](#)[2](#)[Next](#)

A quick restart of the phone worked for me

**61**[Share](#) [Improve this answer](#) [Follow](#)

answered Sep 22, 2021 at 12:47

 William  
601 ● 5 ● 3

Sign up to request clarification or add additional context in comments.

## 4 Comments ▾

[Add a comment](#)[João Ramires](#) Over a year ago

Ty, the restart also worked for me.

1

Reply

[Rajesh](#) Over a year ago

Restarting the phone, Uninstalling the app, Restarting the pc, Cleaning the build folder solved the issue!

0

Reply

[Najeeb](#) Over a year ago

This may happen if you enabled developer mode on your device but didn't reboot it before running your app on it.

0

Reply

[Alexkin\\_Sky](#) Jun 19, 2025 at 2:18

Yeah! that worked for me too...

0

Reply



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

Pie), you will no longer have this problem, it is others you will no longer have the problem.

Jun 4, 2019 at 14:31

answered Jun 7, 2019 at 20:40

 Luan M Gepfrie  
479 ● 3 ● 11



Nae Over a year ago

I was able to overcome it by using 30+ API

## What exactly happened

14

Hey I went into the same problem too. I cannot use a Emulator inside windows because my pc is a very low end pc. So, I had to use my phone instead. It is a Samsung Galaxy J2 Pro (SM-J210F) with Android **6.0.1 (Android Marshmallow)**. I used that phone to develop flutter apps regularly, but suddenly, I went to this problem.



Here's what happened when I tried to run "Flutter Attach" in VS-Code(v1.52.0).

### command

```
flutter attach --machine -d 420054e7960eb400
```

### exception

StateError: Bad state: Existing VM service clients prevent DDS from taking control.

Copy

```
#0      DartDevelopmentService.startDartDevelopmentService
(package:flutter_tools/src/base/dds.dart:83:11)
<asynchronous suspension>
#1      FlutterDevice.connect.<anonymous closure>
(package:flutter_tools/src/resident_runner.dart:249:11)
<asynchronous suspension>
```

## Fixing the issue (In Windows 10)



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

fix the issue)

ownload each and every version of all the e at least an hour to this.)

# Configure your Proxy/VPN

If you are using a Proxy or VPN to connect to the internet,  
Make sure that application isn't resolving localhost via that.(DNS)

## Kill ADB and Dart processes.

After that, kill adb and dart process on Windows.  
(I don't know exactly how to kill these in Mac/Linux. Sorry About That)  
Run these commands in the Command Prompt.

```
taskkill /f /im dart*  
taskkill /f /im adb* (You can run "adb kill-server" too)
```

## Fixing the ADB in the Windows (\*Optional).

Navigate to **%HOMEDRIVE%:\Users\USERNAME%.android**  
In my case, It is ( C:\Users\Isira Adithya.android )  
Then delete **adbkey**.

## Fixing the Android Debugging in the Android Device

Disconnect the device from the computer.  
Go to **Settings -> Developer Options**,  
Turn off USB Debugging and Turn it on again.  
Revoke USB Debugging authorizations.  
Restart the device.

## Update Windows and Android System (If above didn't solve the problem)

## Conclusion



Accepted developer.

4, 2021 at 9:16

Byte08

1 ● 11 ● 17

answered Dec 31, 2020 at 16:40



Isira Adithya

344 ● 2 ● 8

By continuing to use this website, you agree Stack Exchange  
can store cookies on your device and disclose information in  
accordance with our [Cookie Policy](#). By exiting this window,  
default cookies will be accepted. To reject cookies, select an  
option from below.



Mhmd Asaad

114 • 1 • 4

## Comments

Add a comment

I solved this problem by:

9

- turn off my phone.
  - disconnect.
  - turn on my phone.

By doing this, you will restart the VM Service

[Share](#) [Improve this answer](#) [Follow](#)

answered Feb 1, 2022 at 19:49



Mang Hartono

318 • 5 • 8

## 1 Comment ✓

Add a comment



tomerpacific Over a year ago

This does not provide an answer to the question. Once you have sufficient [reputation](#) you will be able to [comment on any post](#); instead, [provide answers that don't require clarification from the asker](#). - From Review

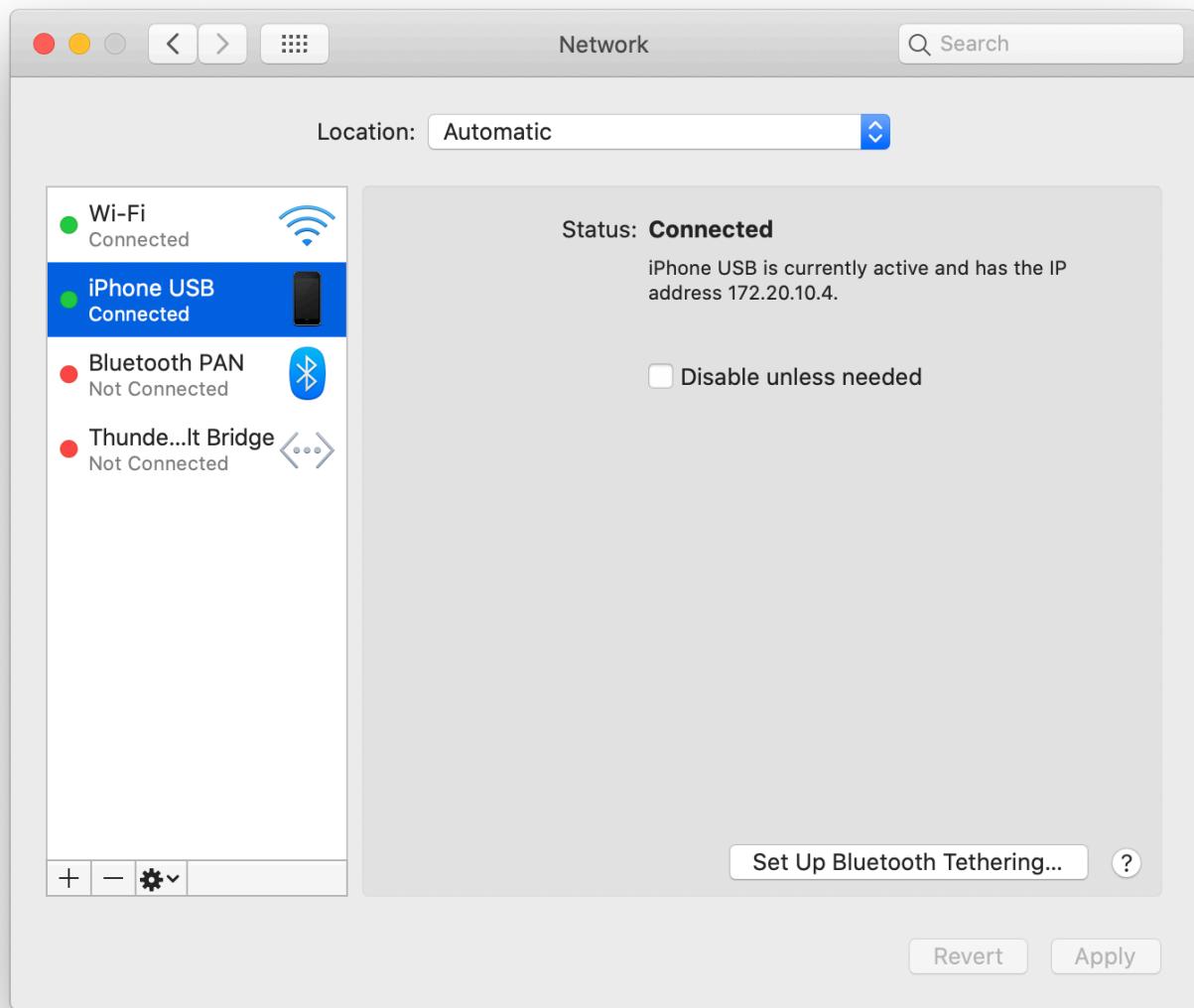
 1  Reply

• • •

Sorry I don't know how you can solve it on Windows but for **Mac Os** users: Go to System Preferences -> "Network" -> "Wi-Fi" -> "Advanced" -> "DNS" and add "8.8.8.8" and "8.8.4.4" (unless needed")



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.



Thanks to <https://github.com/flutter/flutter/issues/46698#issuecomment-565643127>

Share Improve this answer Follow

answered Jan 18, 2020 at 18:06

 Antoine Guerra  
441 ● 3 ● 6



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

when using the emulator.

as facebook\_login, twitter\_login incorrectly.

ng code as well.

- update correctly config for the 3rd parties.



Hope this help.

Share Improve this answer Follow

answered Apr 11, 2020 at 4:00



Mr Special

1,666 ● 2 ● 23 ● 33

## 5 Comments ▾

Add a comment



Rutvik Gumasana Over a year ago

can you please tell me how to fix it. because I am getting same error

▲ 0

Reply

...



Mr Special Over a year ago

@RutvikGumasana: try commenting all of 3rd parties libs such as facebook, twitter..., code is using them as well. clean, reinstall app again

▲ 0

Reply

...



Rutvik Gumasana Over a year ago

but i need to use this facebook libs. then how can I get out of this error?

▲ 0

Reply

...



Mr Special Over a year ago

@RutvikGumasana u need to configure facebook plugin correctly. To day, I try to integrate again. It runs well.

▲ 0

Reply

...



Theuno de Bruin Over a year ago

When i ran the project in xcode i got a better error: Add a key named FacebookClientToken to your Info.plist, and add your client token as its value. Adding this resolved my issue

▲ 0

Reply

...

In virtual device manager, try one of these options



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

Copy

CPU/ABI	Size on Disk	Actions
x86	13 GB	
		Duplicate
		Wipe Data
		Cold Boot Now
		Show on Disk
		View Details
		Delete
		Stop

answered Sep 2, 2020 at 9:24



GoharSahi

## Comments

Add a comment

Try

3

**flutter doctor -v**

I had faced same issue. So I run **flutter doctor -v** command.

Then I found the error

**X Android licenses not accepted. To resolve this, run: flutter doctor --android-licenses.**

**flutter doctor --android-licenses** this command resolved my issue.

Share Improve this answer Follow

answered Apr 22, 2021 at 14:39

 neel  
64 • 5

## Comments

Add a comment

Turn on your Emulator. The Emulator would be switched off.

3

Share Improve this answer Follow

answered Mar 14, 2023 at 5:30

 iamJohnvesly  
1,013 • 9 • 7



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

The above command helped.

answered Dec 27, 2019 at 13:07



krishna\_tandon  
393 ● 1 ● 12

## 1 Comment ▾

Add a comment

 Luis Alberto Delgado de la Flo Over a year ago

Got this message while trying this solution 'Release mode is not supported for emulators.'

▲ 0

Reply

...



**You can solve it by restarting your phone or emulator.**

2

Share Improve this answer Follow

edited Jul 23, 2022 at 15:15

answered Jul 23, 2022 at 15:14



## 1 Comment ▾

Add a comment



Community Over a year ago

Your answer could be improved with additional supporting information. Please [edit](#) to add further details, such as citations or documentation, so that others can confirm that your answer is correct. You can find more information on how to write good answers [in the help center](#).

▲ 0

Reply

...



If not all above them works for you.

Studio



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

ply and let the program delete the files.

st) and let the program download again.

18, 2022 at 9:59

ch

k ● 5 ● 33 ● 48

answered Sep 13, 2022 at 21:37



Onur Arda KARAKUM

21 ● 3

Add a comment

In my case, I just closed the simulator, and ran it again.

1

Share Improve this answer Follow

answered Nov 6, 2020 at 11:17



Jack'

2,604 ● 1 ● 30 ● 33



## Comments

Add a comment

I had a similiar problem with ios with the error message `Error connecting to the service protocol: failed to connect to http://127.0.0.1:.....`. I solved it by removing the app from the simulator and ran a clean in xcode, then it could build successfully from vs code!

1

Share Improve this answer Follow

answered Sep 22, 2021 at 7:20



Jenny

71 ● 1 ● 6



## Comments

Add a comment

I had faced the same issue but the only thing which solved my problem is to uninstall the app on my



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

answered Jan 8, 2022 at 21:40



Zia Ullah

63 ● 5

If you are using `Flutter 2.10` or higher it may be that you tried to emulate a `Windows desktop` app but you don't have `Visual Studio - develop for Windows (Visual Studio Community 2022 17.1.0)` installed.

1

Apparently, it won't let you emulate anything until you install VS. Run `flutter doctor` to find out.

Share Improve this answer Follow

answered Feb 22, 2022 at 21:44



tazboy

1,766 ● 5 ● 26 ● 43

## Comments

Add a comment

check if you have enough storage in your phone.

1

I had the same problem and that was the reason.

Share Improve this answer Follow

answered Apr 30, 2022 at 14:29



Oldar Bakr

11 ● 1

## 1 Comment ▾

Add a comment

Community Over a year ago

Your answer could be improved with additional supporting information. Please [edit](#) to add further details, such as citations or documentation, so that others can confirm that your answer is correct. You can find more information on how to write good answers [in the help center](#).

▲ 1

Reply

...



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

button.

9, 2023 at 8:40

answered Mar 9, 2023 at 8:39



Manar Abo-Haat

31 ● 2

to my case after upgrading `flutter_facebook_auth ^3.5.0` to `^5.0.8` version i had to add `FacebookClientToken`

1

## iOS

`Info.plist`

```
<key>FacebookClientToken</key>
<string>YOUR-TOKEN-HERE</string>
```

 Copy

<https://developers.facebook.com/docs/ios/getting-started#configure-your-project>

## Android

`/app/manifests/AndroidManifest.xml`

```
<meta-data android:name="com.facebook.sdk.ClientToken" android:value="YOUR TOKEN HERE"/>
```

 Copy

<https://developers.facebook.com/docs/android/getting-started#configure-your-project>

Share Improve this answer Follow

answered Apr 5, 2023 at 19:50



ali ozkara

5,651 ● 2 ● 30 ● 28

## Comments

Add a comment

i got this error during run my flutter app no physical device: issue: **Error connecting to the service**

[/2CMry\\_Tdav4=/](#)

cal device and turn off and again turn on USB e..!



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

answered May 8, 2024 at 4:29



jyorge maccaline

97 ● 1 ● 13

I a package I was using, barcode\_scan.

answered Mar 1, 2020 at 7:46



Dx\_  
1,576 ● 1 ● 16 ● 17



## Comments

Add a comment



I have the same problem and I go to xcode -> window -> device & simulator, under Installed Apps I remove some apps and it works.

0

Share Improve this answer Follow

answered May 5, 2020 at 2:04



Quyen Anh Nguyen  
1,918 ● 1 ● 16 ● 23



## Comments

Add a comment



For me it was caused by flutter\_facebook\_login plugin causing issue i removed it and i could afford to remove facebook login option but in your case you can try different version of flutter\_facebook\_login or you can use different plugin for loggin in using facebook.

0

Share Improve this answer Follow

answered Jun 2, 2020 at 7:22



Zeeshan Mehdi  
1,469 ● 1 ● 19 ● 18



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

Working fine now

tor - OR - Connect your android device with  
=> Run your project from VS code or from

answered Aug 11, 2020 at 4:27



Shahid Sarwar  
1,209 ● 1 ● 15 ● 32





## Comments

Add a comment

When I deleted the emulator in AVD Manager and rebuilt it, it worked.

0

Share Improve this answer Follow

answered Sep 26, 2020 at 5:39



noveleven

635 ● 8 ● 18



## Comments

Add a comment

For me, it was caused by phone screen saver. Emulator screen was locked. After I pressed on power icon, the screen opened. then I run it again and everything is working.

0

Share Improve this answer Follow

edited Oct 1, 2020 at 14:15

answered Sep 30, 2020 at 23:28



NearHuscarl

83.1k ● 24 ● 322 ● 292



kadim kareem

155 ● 1 ● 8



## Comments



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

droid folder.

Copy

```
tionId"  
activity"  
screenSize|orientation"  
tyle"  
tion.VIEW" />  
category.DEFAULT" />  
<category android:name="android.intent.category.BROWSABLE" />
```

```
<category android:name="android.intent.category.BROWSABLE" />
```

```
<data android:scheme="@string/fb_login_protocol_scheme" />
</intent-filter>
</activity>
```

2.Add your Facebook app id in strings.xml

```
<string name="facebook_app_id">3800000000000000</string>
<string name="fb_login_protocol_scheme">fb3800000000000000</string>
```

 Copy

3.Add dependencies in pubspec.yaml

```
flutter_facebook_login: ^1.1.1
```

 Copy

Pub get and run.

Share Improve this answer Follow

answered Nov 3, 2020 at 7:36



Dheerendra Mitm

182 ● 1 ● 9

## Comments

Add a comment

I was having the same error message. In my case, the problem was just a configuration that I changed in Runner.xcodeproj.

0

Open runner.xcodeproj in Xcode, go to the General tab -> App Icons and Launch Images -> "Launch Screen File". I had changed it to Main and that cause the error, changing back to "LaunchScreen" option solved the problem for me.



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.

answered Apr 20, 2021 at 13:14



Sandro

Sandro 1

a vpn in my PC, I turned the vpn off, and

answered May 4, 2021 at 18:17



thejufo

153 ● 1 ● 7

## Comments

Add a comment

1

2

Next



**Protected question.** To answer this question, you need to have at least 10 reputation on this site (not counting the association bonus). The reputation requirement helps protect this question from spam and non-answer activity.

## Start asking to get answers

Find the answer to your question by asking.

[Ask question](#)

## Explore related questions

[android-studio](#) [flutter](#) [android-emulator](#)

See similar questions with these tags.



By continuing to use this website, you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#). By exiting this window, default cookies will be accepted. To reject cookies, select an option from below.