

How to fix 'Obtaining IP Address' error on Android

When connecting to Wi-Fi on an Android device, many people experience a 'Obtaining IP Address' error. You receive this error when the router cannot assign an IP address to an Android device after entering the password. The Android device will try to connect again to receive the IP address and it will continue to perform this operation until the IP address is received. This process can take many hours.

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The cause may cause an 'Obtaining IP Address' error on Android

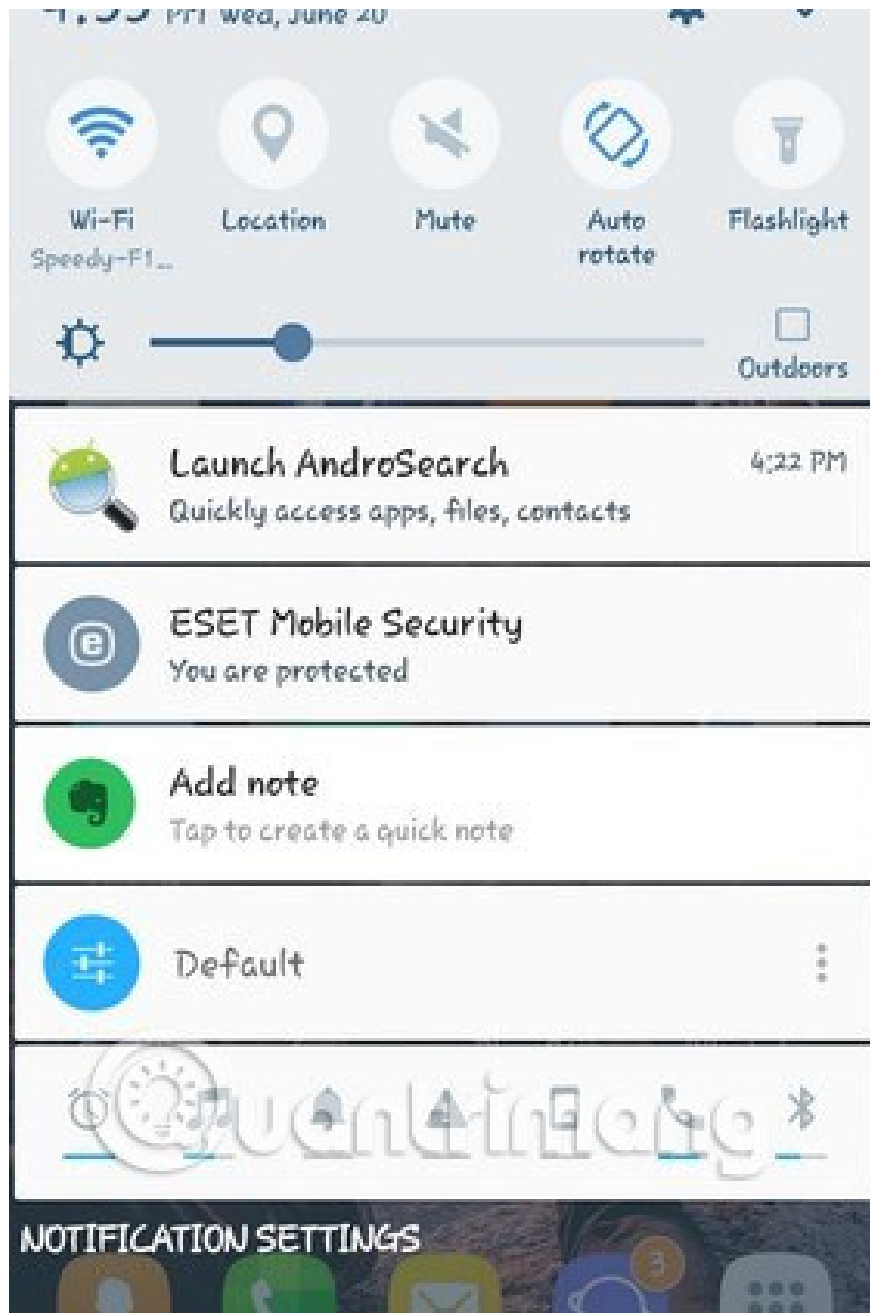
The first reason may be because you typed the password incorrectly, instead of writing capital letters, you write lowercase letters. Therefore, re-enter the password and make sure each letter and number is entered correctly.

Another reason is that your network is experiencing problems and therefore cannot assign an IP address to the device. If the network signal is too weak, you may also receive this error message. The router may not assign an IP address to your device if it connects to a sufficient number of devices.

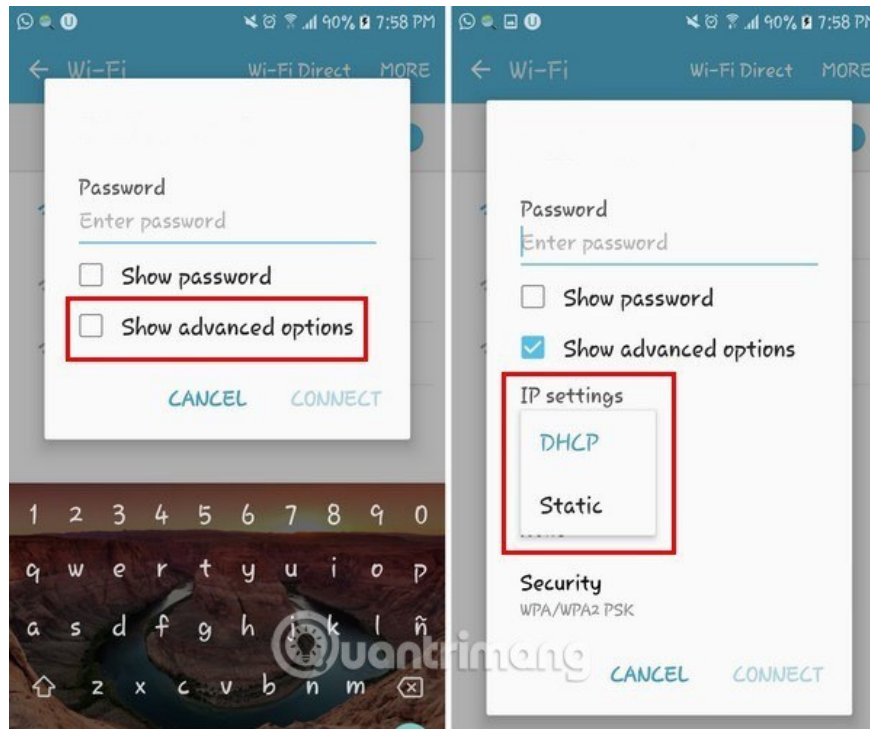
See also: [Fix some common Wi-Fi issues on Android device](#)

How to fix the error does not get IP address on Android

The first method you can try to fix the error of not getting the IP address is to check the IP settings. Open Settings and make sure Wi-Fi is turned on.



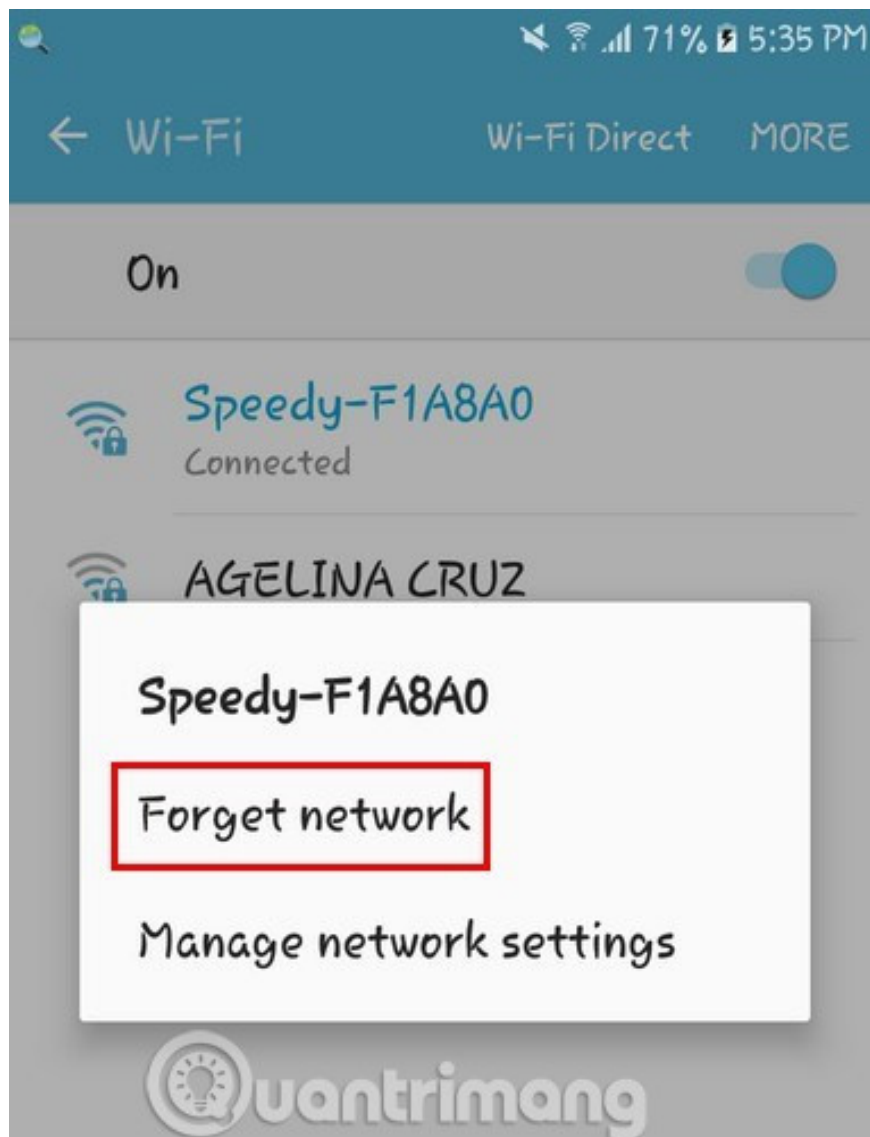
Press and hold on the network you want to connect, on the window that appears, select the '**Show Advanced options**' box and touch the '**IP settings**' menu. Select **Static** and type the IP address **192.168.1.@@@** (the last three numbers you can choose from 1 to 225).



Then save the changes. If this doesn't work, you can switch back to **DHCP** and check if the problem is fixed.

Forget the network

Forgetting the network is an easy way to fix it, just go to **Settings**> **Wi-Fi** , click and hold the network you can't connect to and select '**Forget network**' .



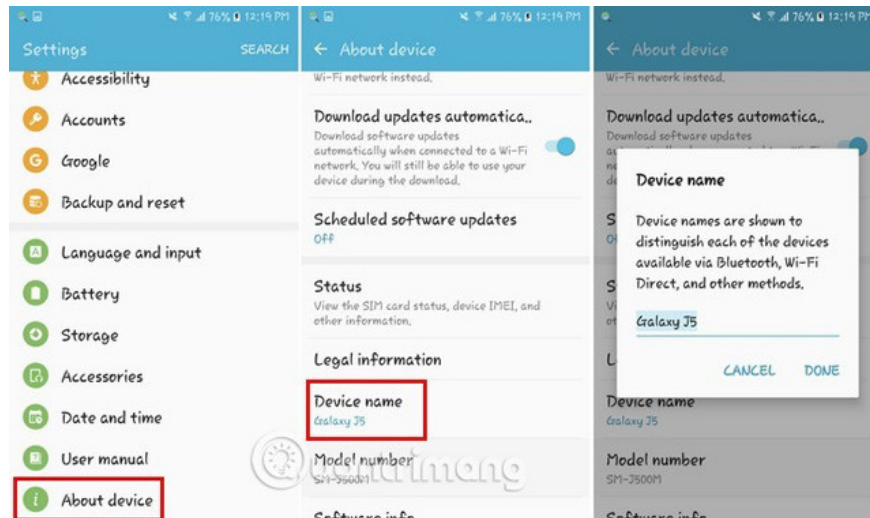
After forgetting that network, try searching again and connecting to it like the first time by entering a password.

Restart the Router

Some routers may get hot when you leave them for a long time and this may cause the device to not receive the IP address. So turn off the router for a few minutes and turn it on again.

See also: [Why restart the router can fix many problems?](#)

Change device name



If the above still does not solve the problem, you can try changing the device name. Go to **Settings** and select **About device**> **Device name** . You just need to enter a new name for the device and touch **Done** .

The cause of this error is hard to determine, but here are some methods you can try.

I wish you all success!

See more:

1. How to fix Bluetooth and Wifi connection errors on Android 8.0 Oreo
2. How to set up Wifi priority mode on Android and iPhone
3. Why is Wi-Fi on the computer always catching better on the phone?

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