

How to change protocol on PureVPN Android app

Note:

To be able to switch between protocols the PureVPN app is disconnected. VPN protocol visible after disabling the Automatic Protocol Selection option.

VPN protocol type affects the performance and stability of your connection. Be sure to select the correct protocol when connecting to a VPN server. PureVPN recommends the automatic protocol as it will pick up the most appropriate connection setting for you. But in case the Automatic protocol option does not work for you then you may proceed to switch between different protocols.

Protocol Guide:

Wireguard: (Recommended)

Wireguard provides a fast and secure VPN connection and it's usually used for web browsing and streaming.

UDP:

UDP is mainly used for streaming and downloading. It provides a fast VPN connection with medium encryption.

TCP:

TCP is more reliable, but also a little slower, and is usually used for web browsing.

IKEv2:

IKEv2 is one of the fastest VPN protocols that provides stable connection and is usually used for streaming and downloading.

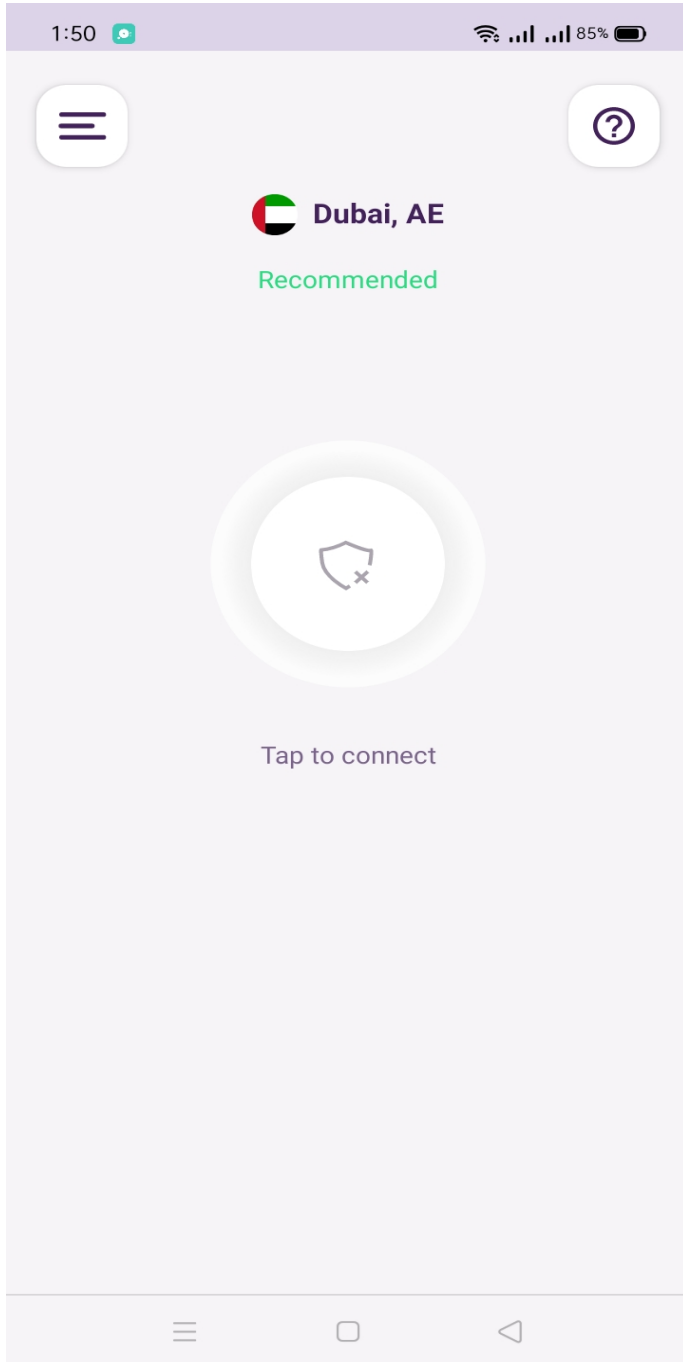
Proxy:

Proxy provides the fastest VPN connection but it does not offer encryption. If you are looking to browse the internet with fast speed then proxy might be the best option you should use.

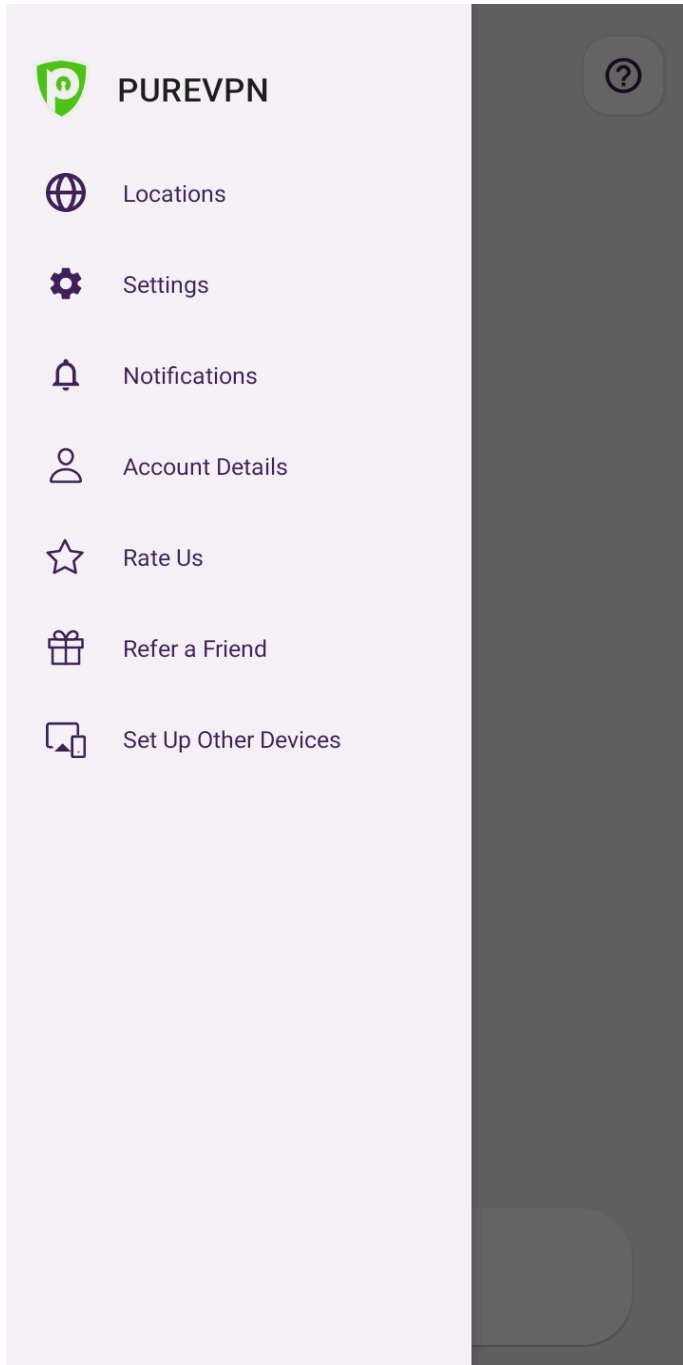
For more details follow this [link](#):

Wondering how to switch between protocols? Follow the instructions below ?

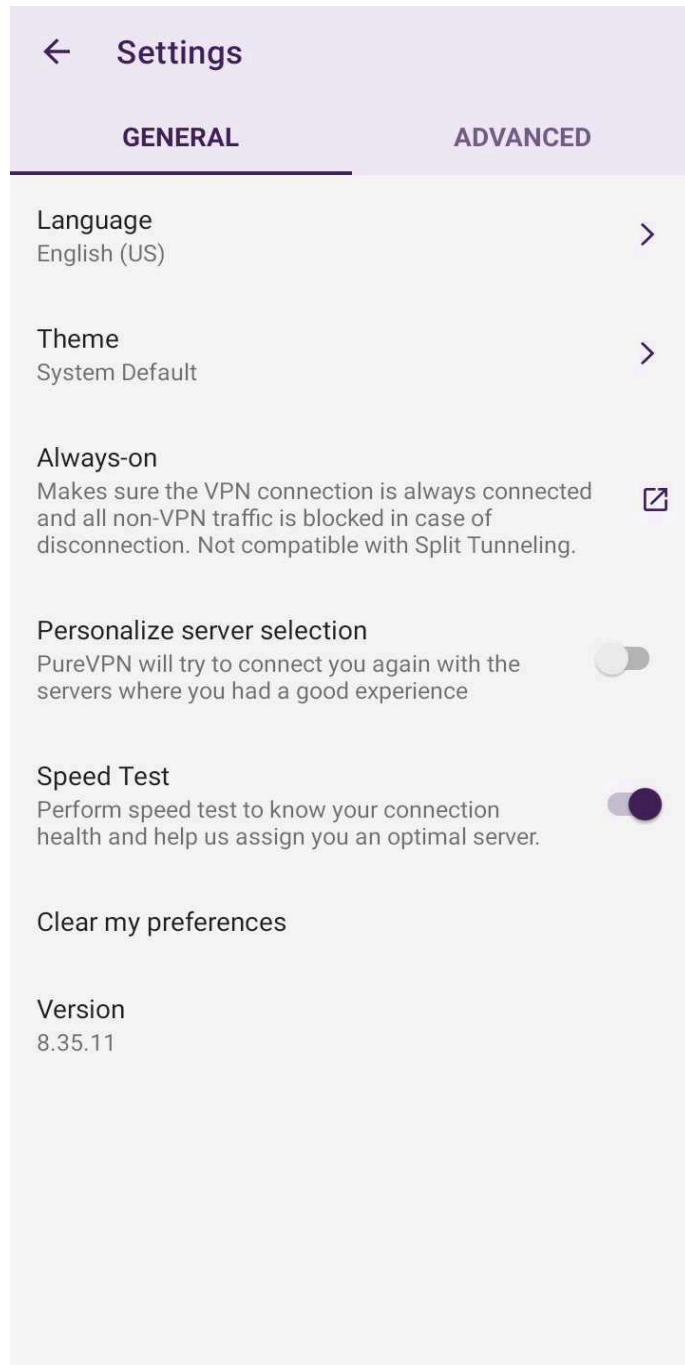
- Tap the hamburger icon (?) from the top left.



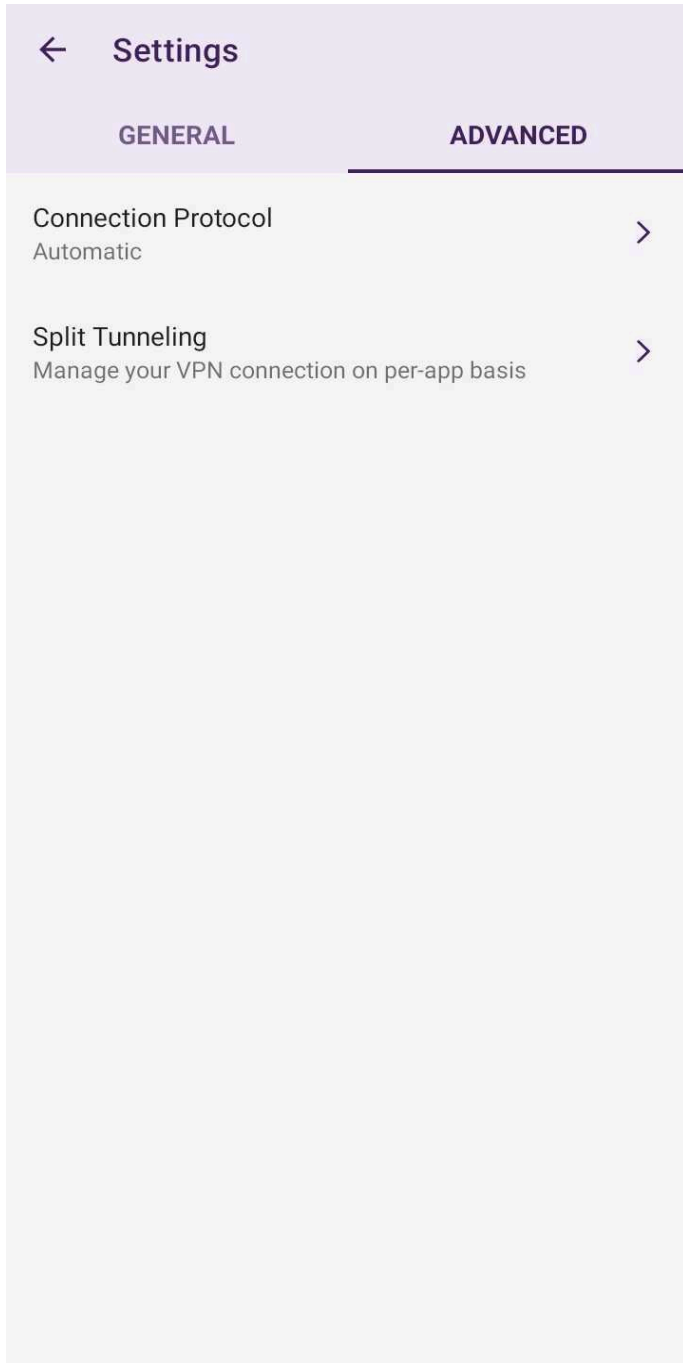
- Tap **Settings**



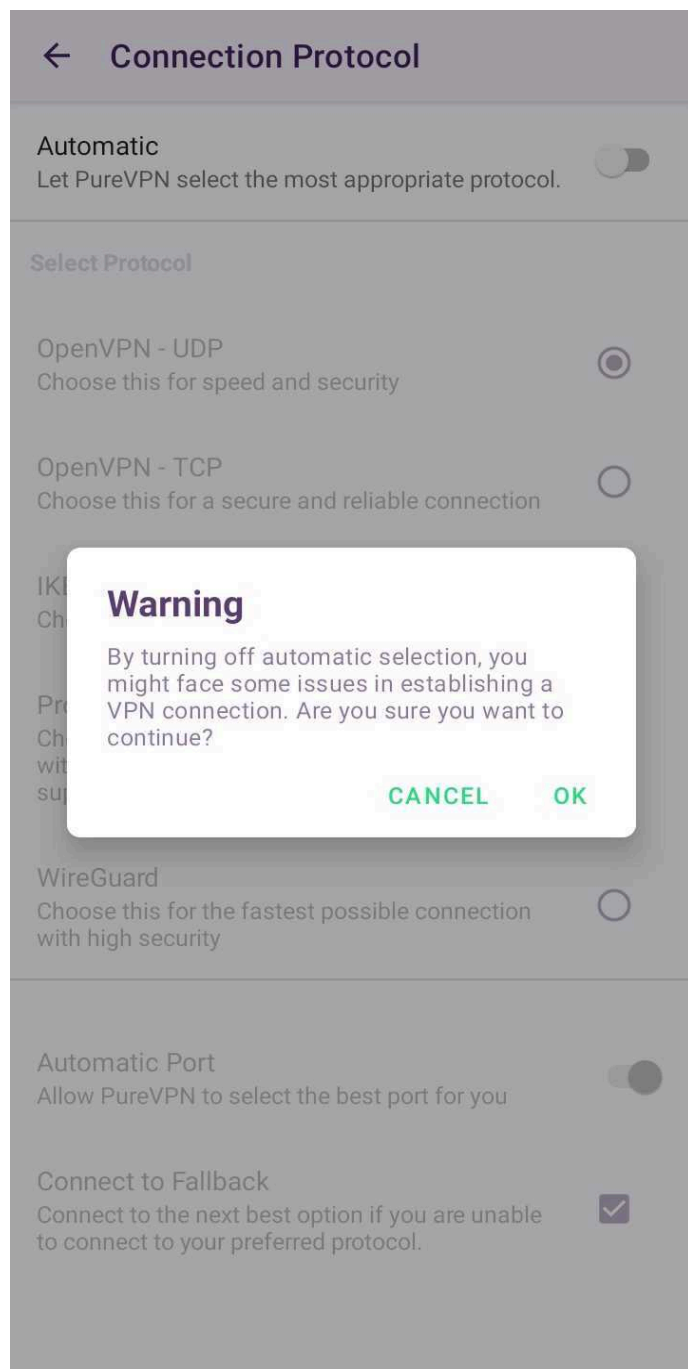
- Tap **Advanced** tab



- Tap **Connection protocol**



- Turn off **Automatic protocol selection** to change your protocol selection, A warning will appear, tap **Ok** to continue



- Choose the **Protocol** of your choice from the list

← **Connection Protocol**

Automatic
Let PureVPN select the most appropriate protocol.

Select Protocol

OpenVPN - UDP
Choose this for speed and security

OpenVPN - TCP
Choose this for a secure and reliable connection

IKEV
Choose this for a reliable connection

Proxy
Choose this for the best connection speed but with no additional security(This protocol does not support Split Tunneling)

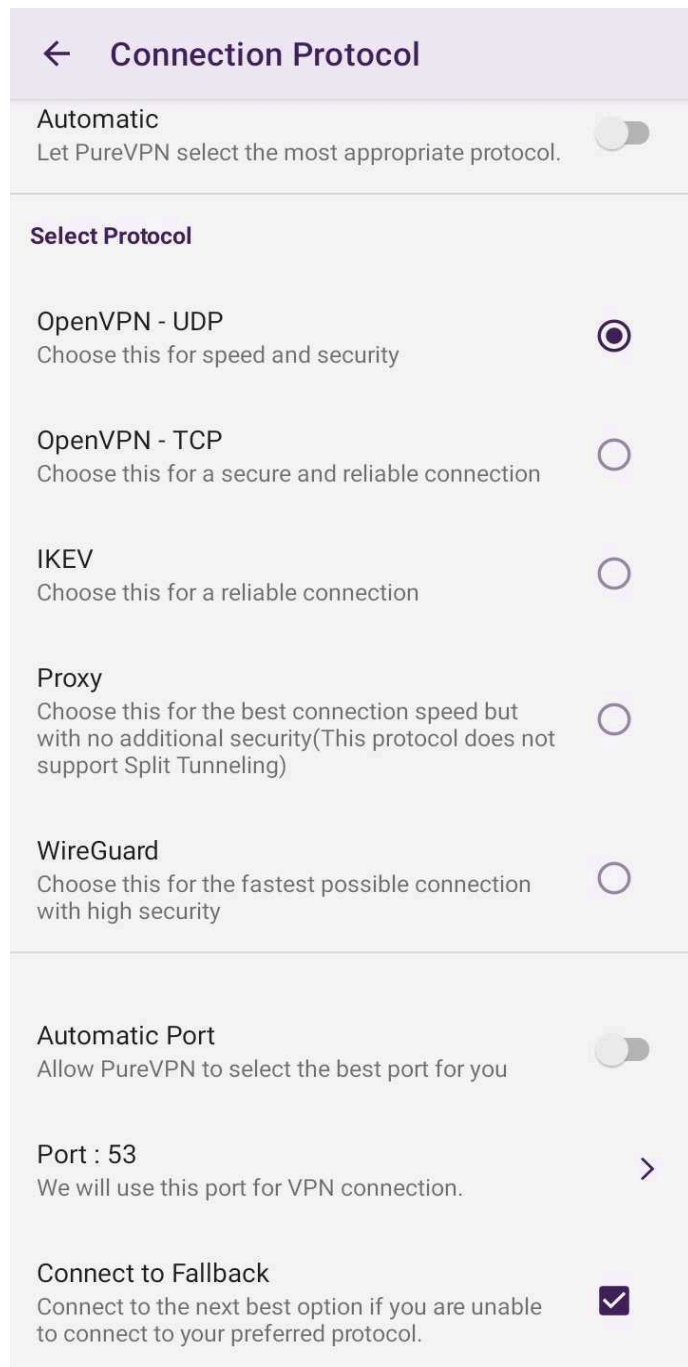
WireGuard
Choose this for the fastest possible connection with high security

Automatic Port
Allow PureVPN to select the best port for you

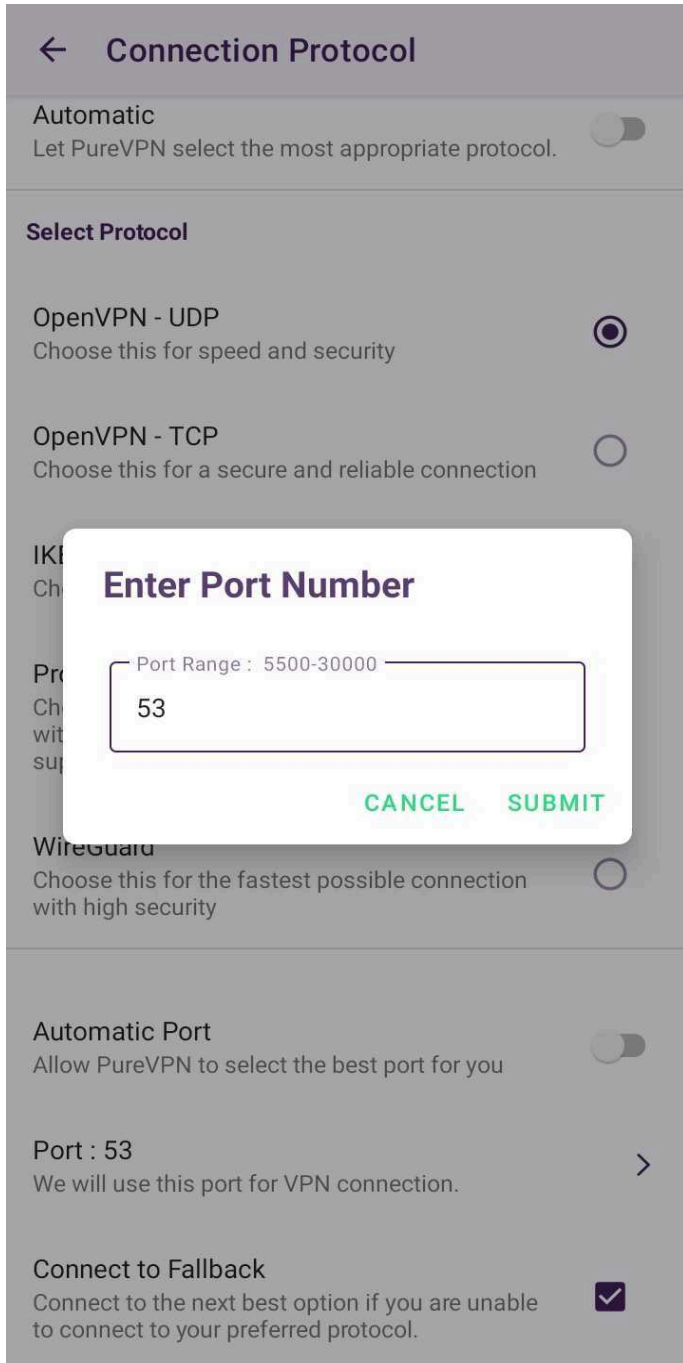
Connect to Fallback
Connect to the next best option if you are unable to connect to your preferred protocol.

Note:

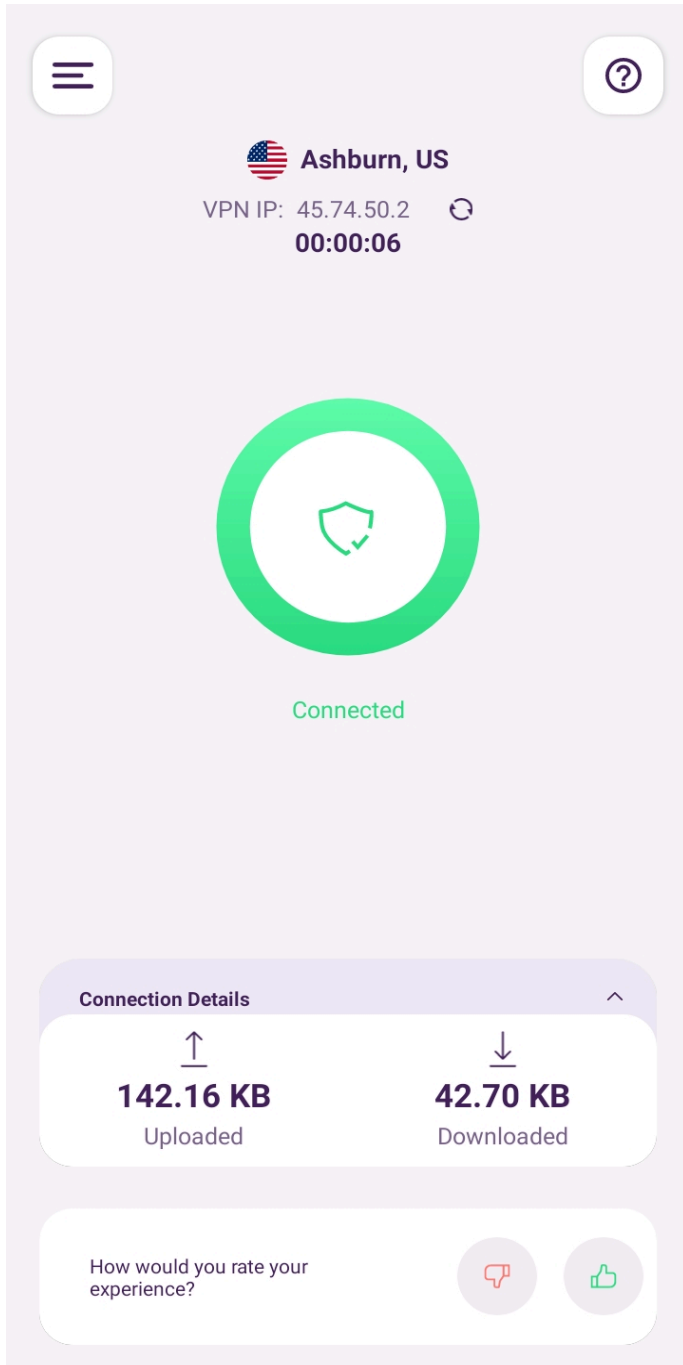
PureVPN has introduces Automatic Port Selection. It automatically selects the best port to router your connection over the internet. If you are looking to route the traffic through any specific port then you may toggle off the automatic port option.



- Tap Port and a pop-up will appear asking you to enter the desired port. Port range (5500 – 30000)



- Upon selection, your protocol will be successfully changed
- Once done, go back to the **Locations** tab and connect with your desired location.



- Upon successful connection you can see the selected protocol in the **Connection details**.

The screenshot displays the PureVPN mobile application interface. At the top, there are navigation icons: a hamburger menu on the left and a help/question mark icon on the right. The main status area shows the server location as "Ashburn, US" with an American flag icon, the VPN IP address "45.74.50.2", and a refresh icon. Below this, a timer shows "00:00:11".


A section titled "Connection Details" is expanded, showing the following settings:

- Protocol: UDP
- Split Tunneling: Off
- Obfuscation: Enabled
- Connected Port: 1210
- P2P: Disabled

Below the connection details, there are two data points:

- Uploaded: 150.75 KB
- Downloaded: 46.81 KB

At the bottom, there is a feedback prompt: "How would you rate your experience?" with two circular buttons for thumbs down and thumbs up.



Was this article helpful? Rate and share your comments below. Your input matters to us and everyone else in the Cyber Security Community.