# Configuring WireGuard for D-Link Routers

WireGuard Configuration File

Please download the configuration file from your VPN provider. Then replace the AllowedIPs: type «0.0.0.0/1, 128.0.0.0/1» instead of «0.0.0.0/0» for further loading to the router settings.

```
Test_conf_1.conf ×
 1 [Interface]
 2 Address = 10.7.0.6/24
 3 DNS = 8.8.8.8, 8.8.4.4
 4 PrivateKey = WPc84XOnYUNRYwmcG4bD4s2gQpBFKqtj8Y+HwCxvdUg=
 5
 6 [Peer]
 7 PublicKey = sZhE1m3cLEpu7z4AQ/DBbhevdf2ZpsFBle/eLjXcOAY=
 8 PresharedKey = hiin86O4NrEc2vHGnl0mdmPT44fMU/ejmWJ33kqn7wM=
 9 PersistentKeepalive = 25
10 Endpoint = 33.29.104.24:4565
11 AllowedIPs = 0.0.0.0/1, 128.0.0.0/1
```
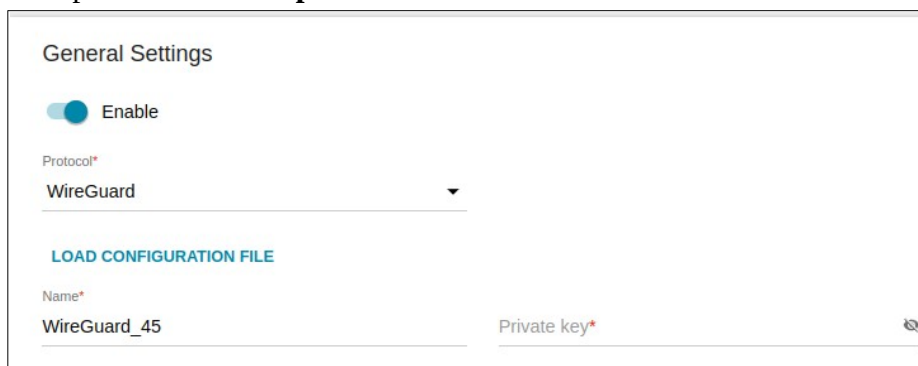
Creating Wireguard Connection

1. On the left of the main menu, at the **VPN** section, click the **WireGuard** page. Then click «**+**» to add a new tunnel.
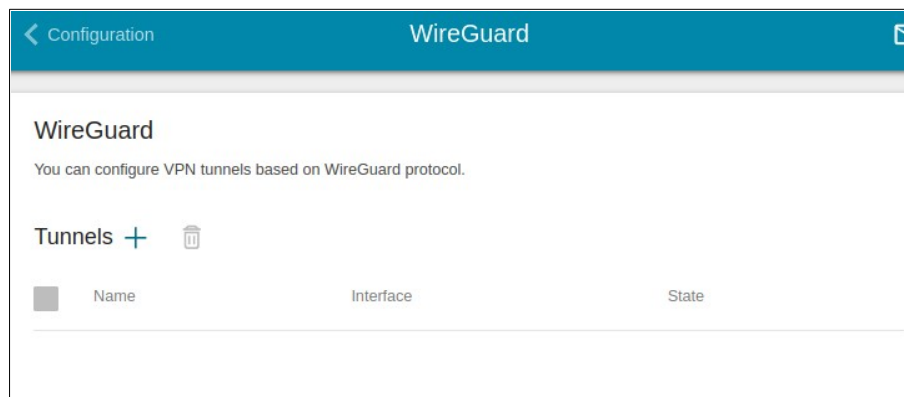
2. Click **Protocol → WireGuard** or **AmneziaWG**, depedning on what your VPN provider delivers.

3. Click **LOAD CONFIGURATION FILE**, and then locate the prepared configuration file from your VPN provider. Click **Upload**.

Please note! When loading a configuration file with a great amount of AllowedIPs, the router settings can be temporary unavailable. Please wait until all the specified sub-networks will be added by the router. We recommend not to use more than 100 AllowedIPs due to hardware restriction.

4. After the configuration file is loaded, a new WireGuard connection will appear in the table, with the «Enabled» state and a green mark.

5. Switch to **Statistics → Network Statistics** and make sure the values of Rx/Tx counters for WireGuard connection are not zeros.

6. Check whether all the clients directly connected to a D-Link router can connect to the Internet through the Wire-Guard VPN tunnel.

The configuration is complete.