

# Linux WireGuard client configuration

WireGuard Business-VPN module **WISECP**

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In order to connect to a VPN, follow these steps:

1. Open the link you received in a browser to get instructions and configuration for your new VPN connection. And you will see the following page in the browser window

2. In order to start the configuration you need to download the configuration file. To

**This is a one-time link with configuration options**

3. Save the file to downloads or any other place to import later. You can download the configuration file and move it to your server, or you can create a new file and copy the configuration text into it. We will copy the configuration text into a new file in this WireGuard client setup guide.

4. Since we are setting up a connection for an Linux device, we need the WireGuard client for Linux. To download and install the client on your device, by command `sudo apt install wireguard`

5. After installing the client, navigate to the folder `cd /etc/wireguard/` and create a configuration file. With the help of the command `nano wg0.conf`

6. Copy the configuration text into your terminal window.

```
[Interface]
Address = 10.0.110.7/24
DNS = 10.0.110.1,77.87.125.200
PrivateKey = GI2vxH1JBaX0kEgtS272f1jxLT69zoRXW1P466LnsF8=

[Peer]
AllowedIPs = 0.0.0.0/0
PersistentKeepalive = 5
Endpoint = 77.87.125.200:51930
PublicKey = xbrwVHxNZ8UsjHQyyzFwmOEy1UC+wwKQ0FG/cLoJh2w=
```





The image shows a terminal window titled 'Desktop' with a window manager bar. Inside, the GNU nano 5.4 editor is open, editing a file named 'wg0.conf'. The file contains configuration for a WireGuard interface and a peer. The interface configuration includes an address, DNS servers, and a private key. The peer configuration includes allowed IPs, persistent keepalive, endpoint, and a public key. The bottom of the screen shows nano editor shortcuts.

```
GNU nano 5.4                               wg0.conf *
[Interface]
  Address = 10.0.110.7/24
  DNS = 10.0.110.1,77.87.125.200
  PrivateKey = GI2vxH1JBaX0kEgtS272f1jxLT69zoRXW1P466LnsF8=

[Peer]
  AllowedIPs = 0.0.0.0/0
  PersistentKeepalive = 5
  Endpoint = 77.87.125.200:51930
  PublicKey = xbrwVHxNZ8UsjHQyyzFwmOEy1UC+vvKQ0FG/cLoJh2w=

^G Help      ^O Write Out ^W Where Is   ^K Cut        ^T Execute
^X Exit      ^R Read File ^\ Replace    ^U Paste      ^J Justify
```

7. Save the file, after saving the file you need to complete the connection.

Connect using the command: `sudo wg-quick up wg0`

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