

RUT2xx NordVPN configuration example

NordVPN is a personal virtual private network (VPN) service provider. It is supported on various different devices and RUT2xx routers are one of those.

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Introduction

This article contains step-by-step instructions on how to set up **NordVPN** VPN connection using RUT2xx routers.

Prerequisites

You will need:

- One RUT2xx router
- An end device to configure the router (PC, Laptop, Tablet, Smartphone)
- NordVPN account and subscription

Please bear in mind that from June 14th, 2023, you will no longer be able to use your NordVPN email/username and password to authenticate your connection, and you will need to set up service credentials manually on your Nord Account. More details about the changes to the login process can be found [here](#).

Choosing and downloading server files

In order to setup your router to connect to NordVPN server you will need to download OVPN configuration files. Those can be found at [NordVPN website](#). It is necessary to choose a server which can provide the best possible performance, visit this [website](#) and it will automatically show you which server will provide you the best experience. Also when it comes to choosing TCP or UDP you need to decide what you are trying to achieve. TCP is reliable, data sent using this protocol is guaranteed to be delivered to the receiver. If data is lost in transit it will recover the data and resend it. TCP will also check packets for errors and track packets so that data is not lost or corrupted, but that effects internet speed. UDP is unreliable, it does not provide guaranteed delivery and a datagram packet may become corrupt or lost in transit, but you will get greater internet

speed.

RUT2xx configuration

Access RUT2xx WebUI and go to **Services > VPN > OpenVPN**. There create a new configuration by selecting role **Client**, writing **New configuration name** and pressing **Add New** button. It should appear after a few seconds. Then press **Edit**.



Now apply the following configuration.



1. **Enable OpenVPN config from file** feature.
2. **Enable** instance.
3. Allow **Upload OpenVPN authentication files**.
4. Upload **OpenVPN configuration file** (the one you downloaded from [NordVPN website](#)).
5. Set **Authentication** to **Password**.
6. NordVPN service **username**.
7. NordVPN service **password**.
8. Press **Save**.

You will be forwarded back to **OpenVPN configuration** window.

You can check whether you applied the configuration correctly. Go to **Status > Network > OpenVPN** it should indicate as **Connected**. (It might not connect instantly so please wait for a moment).



Now you need to configure your router to use NordVPN DNS servers. In order to do that go to **Network > WAN**, there click **Edit** on a WAN source you are using (in this example we used mobile WAN source).



Now to set DNS servers follow the steps below.



1. Disable **DNS servers advertised by peer**.
2. Add first DNS server: **103.86.96.100**.
3. Add second DNS server: **103.86.99.100**.
4. Press **Save & Apply**.

Testing configuration

If configured correctly all of your internet traffic now should go through VPN server. One of the easiest ways to check whether everything is working correctly is to check whether your public IP address has changed. You can do so by simply visiting a website such as www.whatismyipaddress.com and comparing your IP address before and after you connect to server also there you can find information about IP location, so when you connect to server it should

change to a different address/country. Or you can visit [NordVPN website](#) and there on the very top of the website you can indicate whether you are protected or not.

External links

[NordVPN homepage](#)

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