

# Mikrotik preparation and configuration

## Mikrotik WireGuard VPN module **WISECP**

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Note: **Enter the following commands one by one and wait for the command to complete.**

### Check RouterOS version

**Make sure that the version of RouterOS is 7+**

```
system/package/print
```

### Enabling HTTPS Create your own root CA on your router

```
/certificate  
add name=LocalCA common-name=LocalCA key-usage=key-cert-sign,crl-sign
```

### Sign the newly created CA certificate

```
/certificate  
sign LocalCA
```

## Create a new certificate for Webfig (non-root certificate)

Note: as common-name=XXX.XXX.XXX.XXX You enter public IP address of the router.

```
/certificate  
add name=Webfig common-name=XXX.XXX.XXX.XXX
```

## Sign the newly created certificate for Webfig

```
/certificate  
sign Webfig ca=LocalCA
```

## Enable SSL (*www-ssl*) and specify to use the newly created certificate for Webfig

```
/ip service  
set www-ssl certificate=Webfig disabled=no
```

## Enable api-ssl and specify to use the newly created certificate for Webfig

```
/ip service  
set api-ssl certificate=Webfig disabled=no
```

## Enable WireGuard VPN server

Safe Mode Session: vpn-test.uuq.pl

WireGuard

WireGuard Peers

+ - ✓ ✗ 📄 🔍

	Name
R	wireguard1
R	puqcloud-WG
R	puq-5-JProduct ID:116
R	puq-5-2-116
R	2-114

4 items out of 5 (1 selected)

Interface <wireguard1>

General Status Traffic

Name: wireguard1

Type: WireGuard

MTU: 1420

Actual MTU: 1420

Listen Port: 7464

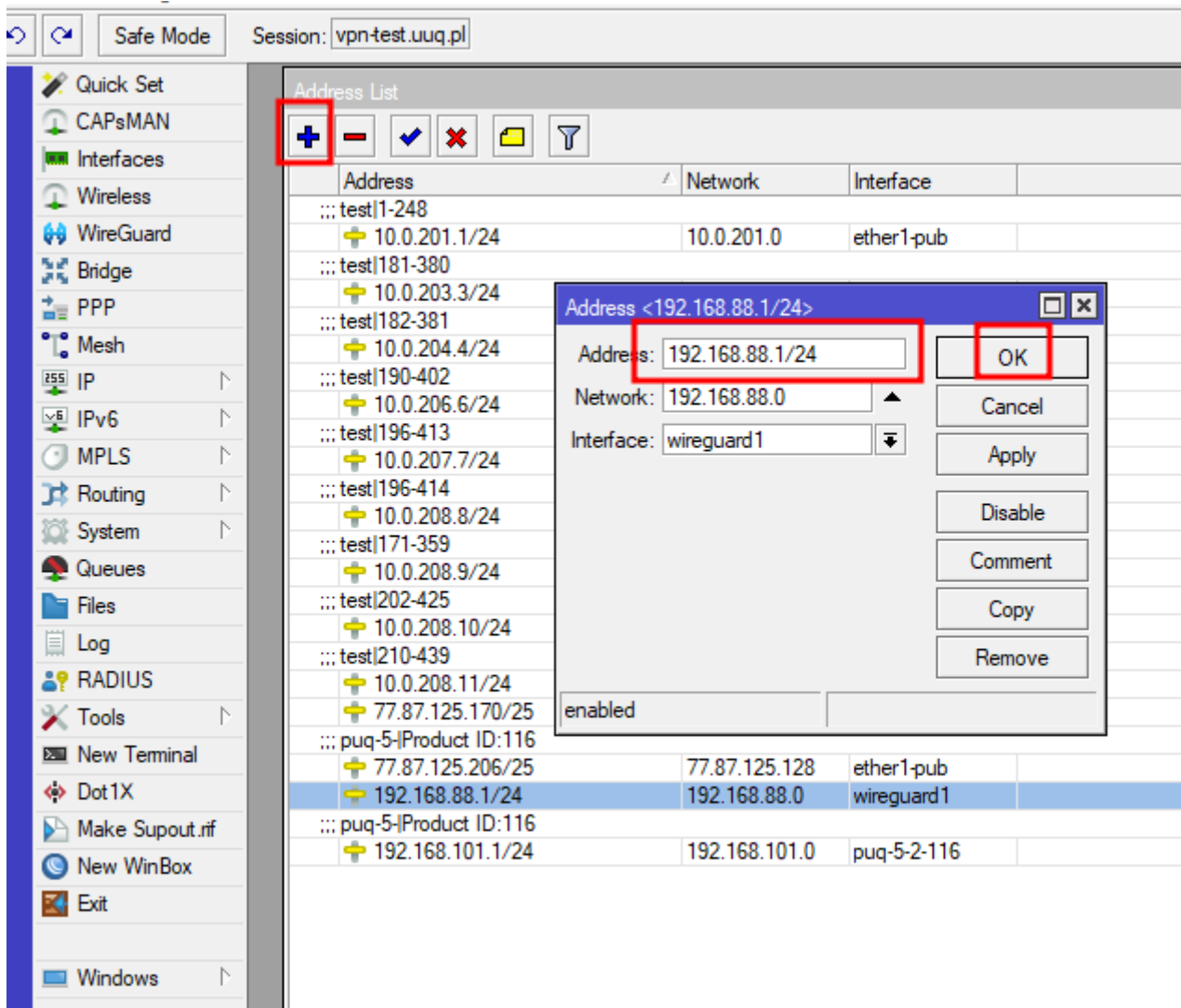
Private Key: iBnKx5LJ8vsgLNyjedEmwm2gObTa4JHcGChjivAvnM=

Public Key: EIHHaUOd8Vo06uuQ3qcgB0kssQSyN28D+1BZDEzgaXI=

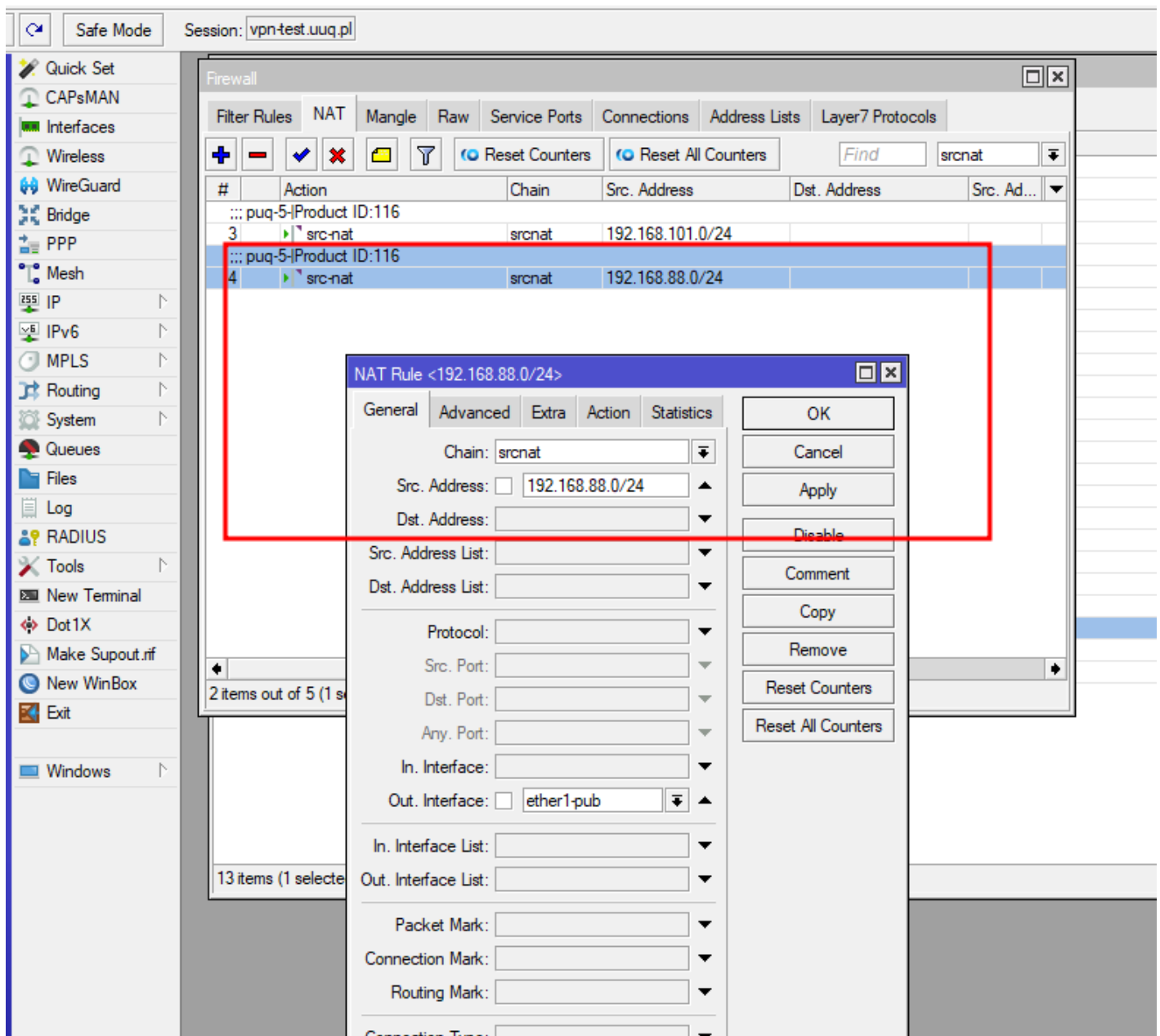
OK Cancel Apply Disable Comment Copy Remove Torch Reset Traffic Counters

enabled running slave passthrough

Add IP address on Wireguard interface



Configuring NAT rules on the firewall



Revision #1

Created 25 November 2023 10:34:41 by Ruslan

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