

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

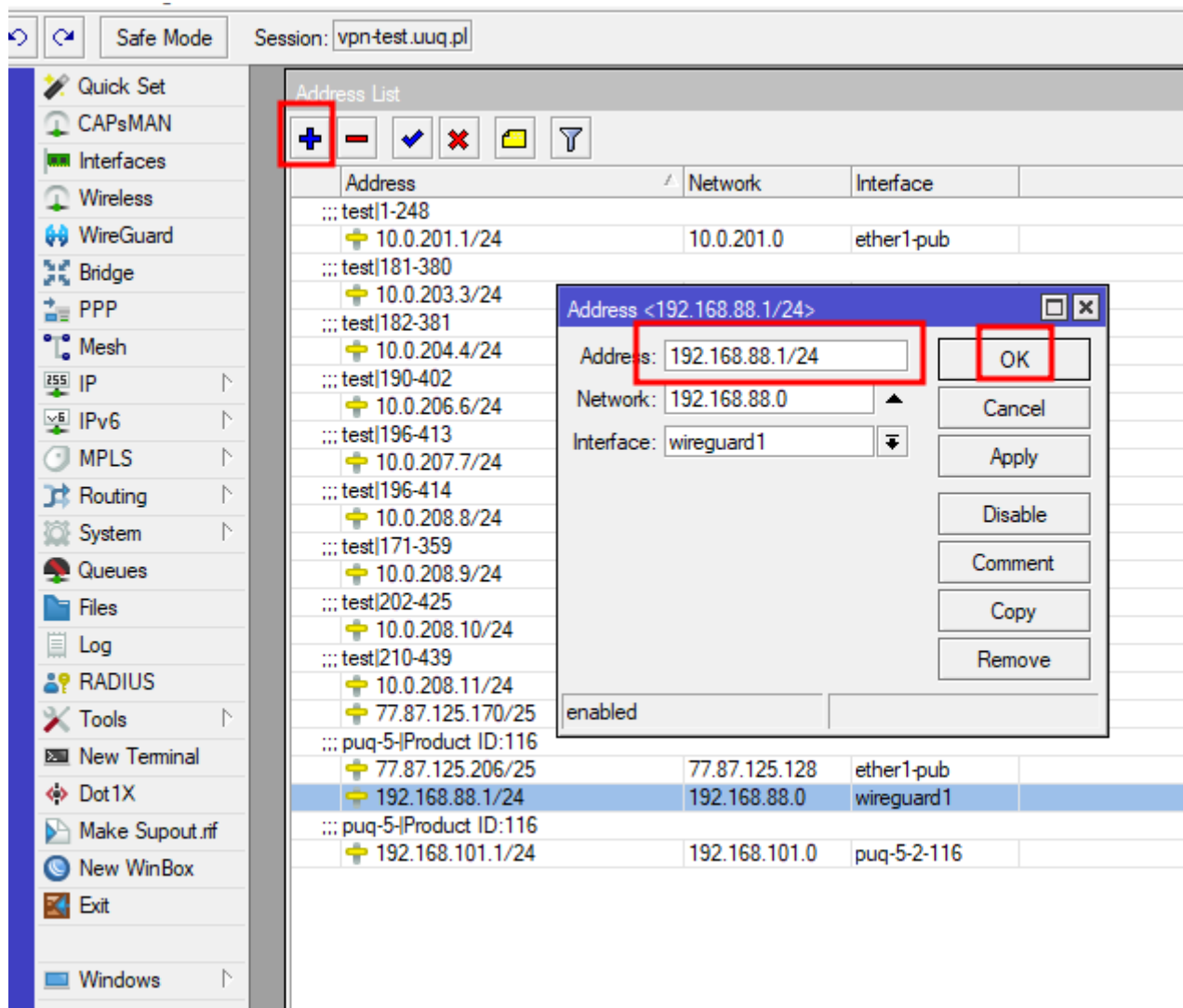
The screenshot shows the WinBox interface with the 'WireGuard' menu item highlighted in the left sidebar. The main window displays the 'WireGuard' configuration for 'wireguard1'. The 'General' tab is active, showing fields for Name, Type, MTU, Listen Port, Private Key, and Public Key. The 'OK' button is highlighted in the top right corner of the configuration window. The status bar at the bottom indicates the interface is 'enabled' and 'running'.

Name
wireguard1

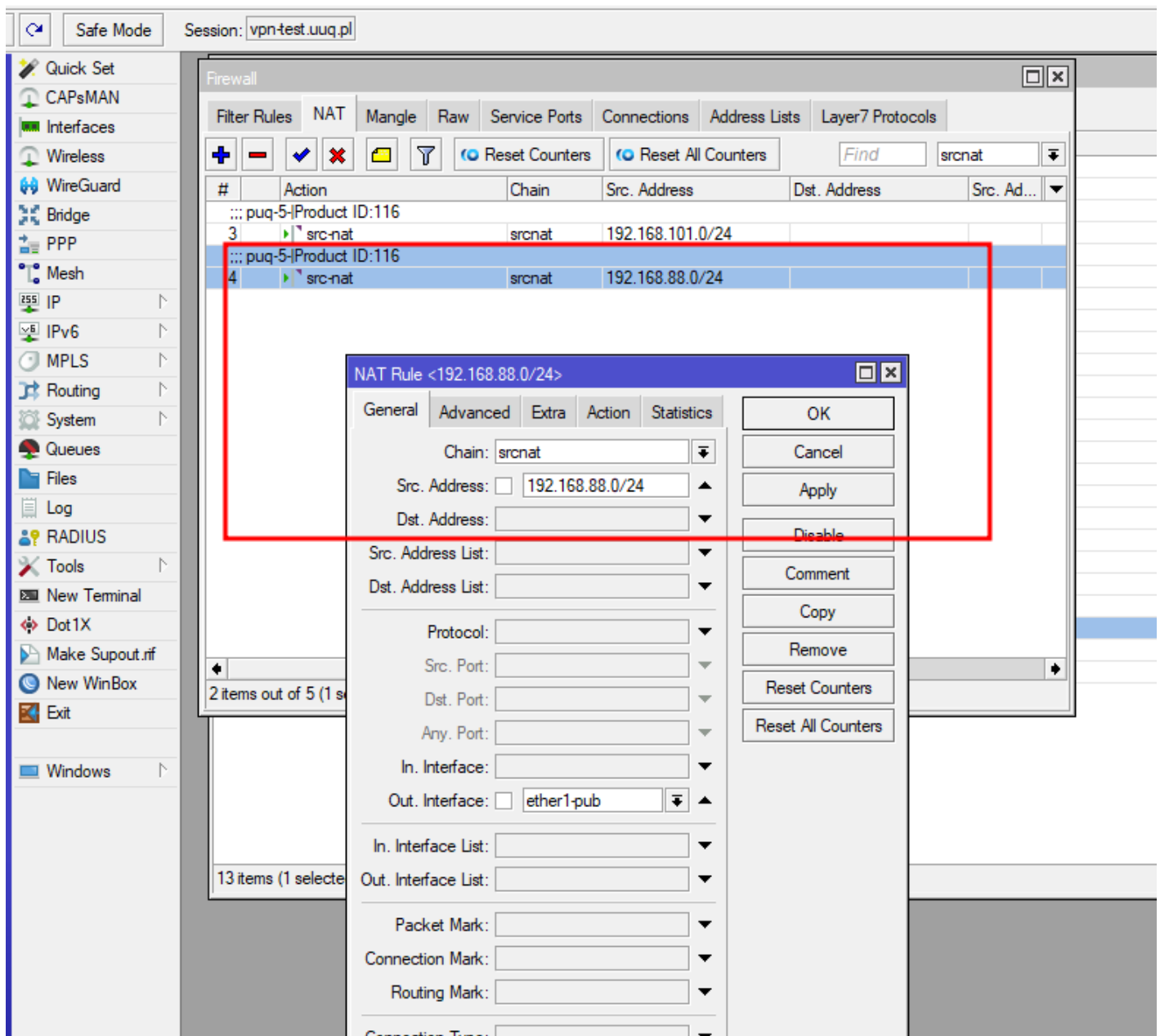
General	Status	Traffic
Name: wireguard1		
Type: WireGuard		
MTU: 1420		
Actual MTU: 1420		
Listen Port: 7464		
Private Key: iBnkx5LJ8vsgLNyjedEmwm2gObTa4JHcGChjivAvnM=		
Public Key: EHHaUOd8Vo06uuQ3qcgB0kssQSyN28D+1BZDEzgaXI=		

enabled running slave passthrough

Add IP address on Wireguard interface



Configuring NAT rules on the firewall



Revision #1

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