

# Einrichtung Client unter OPNSense

In OPNSense einloggen dann unter -> System -> Firmware -> Packages ->

The screenshot shows the OPNsense web interface. On the left is a navigation sidebar with the following items: Lobby, Reporting, System (highlighted), Access, Configuration, Firmware, Status, Settings, Changelog, Updates, Plugins, Packages, Reporter, Log File, Gateways, High Availability, Routes, Settings, Trust, Wizard, Log Files, Diagnostics, and Interfaces. The main content area displays a list of operating system packages, with 'os-wireguard' highlighted. The list includes: os-theme-tukan, os-theme-vicuna, os-tinc, os-tor, os-udpbroadcastrelay, os-upnp, os-virtualbox, os-vmware, os-vnstat, os-web-proxy-sso, os-wireguard, os-wol, os-xen, os-zabbix-agent, os-zabbix4-proxy, os-zabbix5-proxy, os-zabbix6-agent, os-zabbix6-proxy, os-zabbix62-agent, os-zabbix62-proxy, and os-zerotier.

Wireguard auswählen und installieren

The screenshot shows the OPNsense web interface. The left sidebar contains a navigation menu with categories: Lobby, Reporting, System, Access, Configuration, Firmware, Reporter, Log File, Gateways, High Availability, Routes, Settings, and Trust. The 'System' category is expanded, and 'Firmware' is selected. The main content area is titled 'System: Firmware' and has tabs for Status, Settings, Changelog, Updates, Plugins, and Packages. The 'Status' tab is active, displaying the following text:   
\*\*\*GOT REQUEST TO INSTALL\*\*\*  
Currently running OPNsense 22.7 (amd64/OpenSSL) at Tue Nov 15 07:29:41 UTC 2022  
Installation out of date. The update to opnsense-22.7.7\_1 is required.  
\*\*\*DONE\*\*\*  
At the bottom of the main area, there is a note: 'Output shown here for diagnostic purposes. There is no general need for manual system intervention. [Click here to copy to clipboard.](#)'

Dann F5 drücken damit die Seite aktualisiert.

Nun unter VPN Wireguard gehen.

Dort den Haken bei Wireguard rein.

The screenshot shows the OPNsense web interface. The left sidebar contains a navigation menu with categories: Lobby, Reporting, System, Interfaces, Firewall, VPN, Services, Power, and Help. The 'VPN' category is expanded, and 'WireGuard' is selected. The main content area is titled 'VPN: WireGuard' and has tabs for General, Local, Endpoints, Status, and Handshakes. The 'General' tab is active, displaying the following text:   
Enable WireGuard   
Below this text is an orange 'Apply' button.

Nun auf den Registerreiter Local und dort auf das kleine + drücken

VPN: WireGuard

General Local Endpoints Status Handshakes

Search [7] [List Icon]

| <input type="checkbox"/> Enabled | Name | Interface | Tunnel Address | Port | Endpoints | Commands  |
|----------------------------------|------|-----------|----------------|------|-----------|---|
| No results found!                |      |           |                |      |           |   |
|                                  |      |           |                |      |           | <input style="border: 1px solid red;" type="button" value="+"/> |

Showing 0 to 0 of 0 entries

« < 1 > »

Nun folgendes Ausfüllen:

Die Daten können per Copy and paste aus der vorher herstellten conf Datei gezogen werden.  
Leider unterstützt OPNSense kein import von Conf Dateien

Name : ipadresse ohne punkte dient zur besseren Übersicht

Private Key : den Privaten Key vom Client

Listen Port : irgendeiner hauptsache auf dem Client nicht schon vergeben : 5555

Tunnel Address : die ipdresse mit 32 Netz

alles andere so lassen

Dann Save

## Edit Local Configuration



advanced mode full help

**Enabled**

**Name**

**Instance** 1

**Public Key**   
Public key of this instance. You can specify your own one, or a key will be generated after saving.

**Private Key**   
Private key of this instance. You can specify your own one, or a key will be generated after saving. Please keep this key safe.

**Listen Port**

**Tunnel Address**   
✖ Clear All 📄 Copy

**Peers**   
✖ Clear All

**Disable Routes**

Cancel

Save

Nun auf den Registerreiter Endpoints und dort auf das kleine Plus klicken

VPN: WireGuard

General Local **Endpoints** Status Handshakes

Enabled

| Name              | Endpoint Address | Endpoint Port | Allowed IPs | Commands |
|-------------------|------------------|---------------|-------------|----------|
| No results found! |                  |               |             |          |

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+ Showing 0 to 0 of 0 entries

Apply

Nun folgendes ausfüllen

Name PUBIP : PUIP und dahinter die IP ohne punkte

Den Public Key vom Server nicht Client

Allowed IP alle

Endpoint Adresse : Die Adresse wo der VPN Server Erreichbar ist.

dann auf Save.

## Edit Endpoint

×[full help](#)

|                           |  |
|---------------------------|--|
| <b>Enabled</b>            | <input checked="" type="checkbox"/>  |
| <b>Name</b>               | <input type="text" value="PUBIP784"/>  |
| <b>Public Key</b>         | <input type="text" value="lBg6T78E [redacted] wzOgV02..."/>                              |
| <b>Shared Secret</b>      | <input type="text"/>   |
| <b>Allowed IPs</b>        | <input type="text" value="0.0.0.0/0"/><br><a href="#">Clear All</a> <a href="#">Copy</a> |
| <b>Endpoint Address</b>   | <input type="text" value="116.20 [redacted]"/>   |
| <b>Endpoint Port</b>      | <input type="text" value="51821"/>   |
| <b>Keepalive Interval</b> | <input type="text" value="25"/>  |

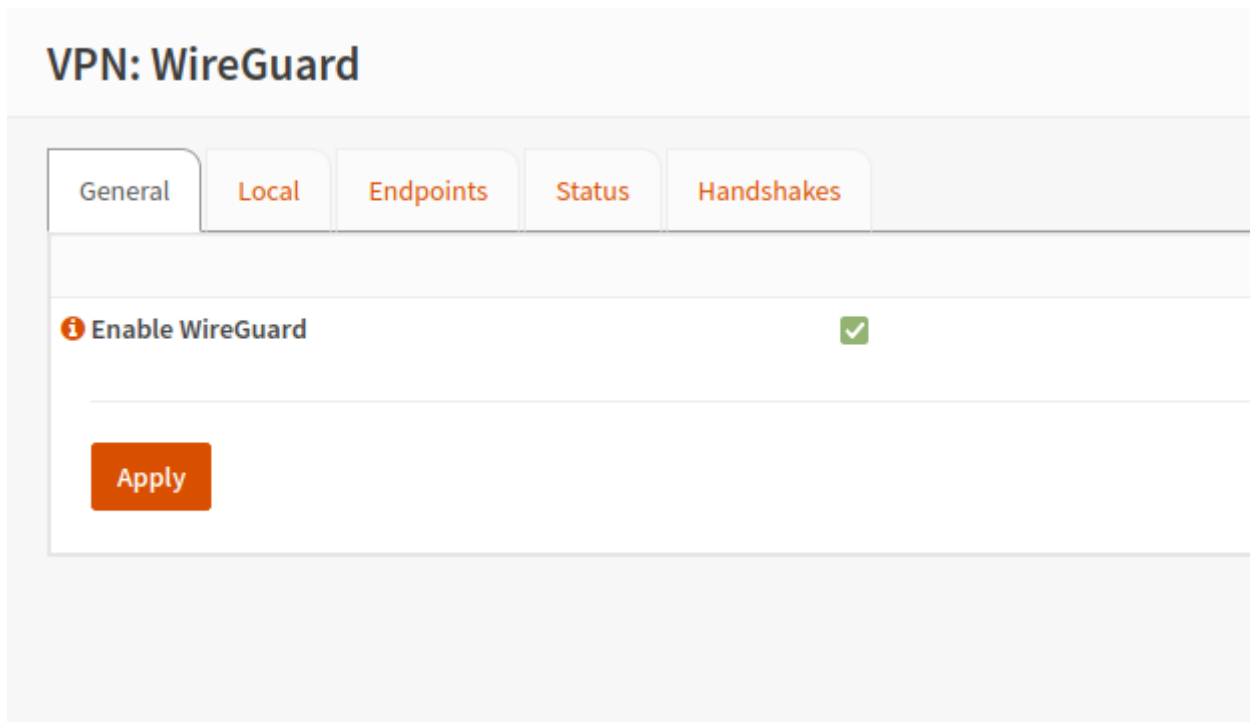
Nun wieder zurück auf den Registerreiter Local da den Eintrag editieren.  
Nun im Dropdownmenü peers, den Endpunkt auswählen und Speichern.

## Edit Local Configuration

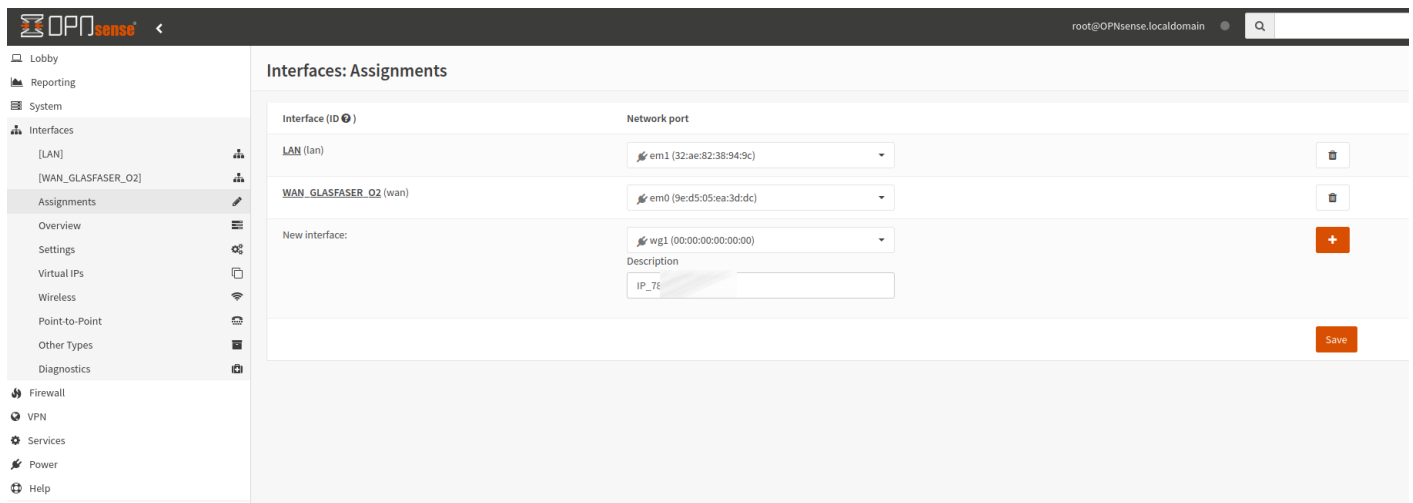
×

|                               |  |
|-------------------------------|--|
| <a href="#">advanced mode</a> | <a href="#">full help</a>  |
| <b>Enabled</b>                | <input checked="" type="checkbox"/>  |
| <b>Name</b>                   | <input type="text" value="784"/>   |
| <b>Instance</b>               | 1  |
| <b>Public Key</b>             | <input type="text"/>   |
| <b>Private Key</b>            | <input type="text" value="kArZl [redacted] ;+ ..."/>   |
| <b>Listen Port</b>            | <input type="text"/>   |
| <b>Tunnel Address</b>         | <input type="text" value="78.4 [redacted] /32"/><br><a href="#">Clear All</a> <a href="#">Copy</a> |
| <b>Peers</b>                  | <input type="text" value="Nothing selected"/>  |
| <b>Disable Routes</b>         | <input type="text" value="PUBIP784"/>  |

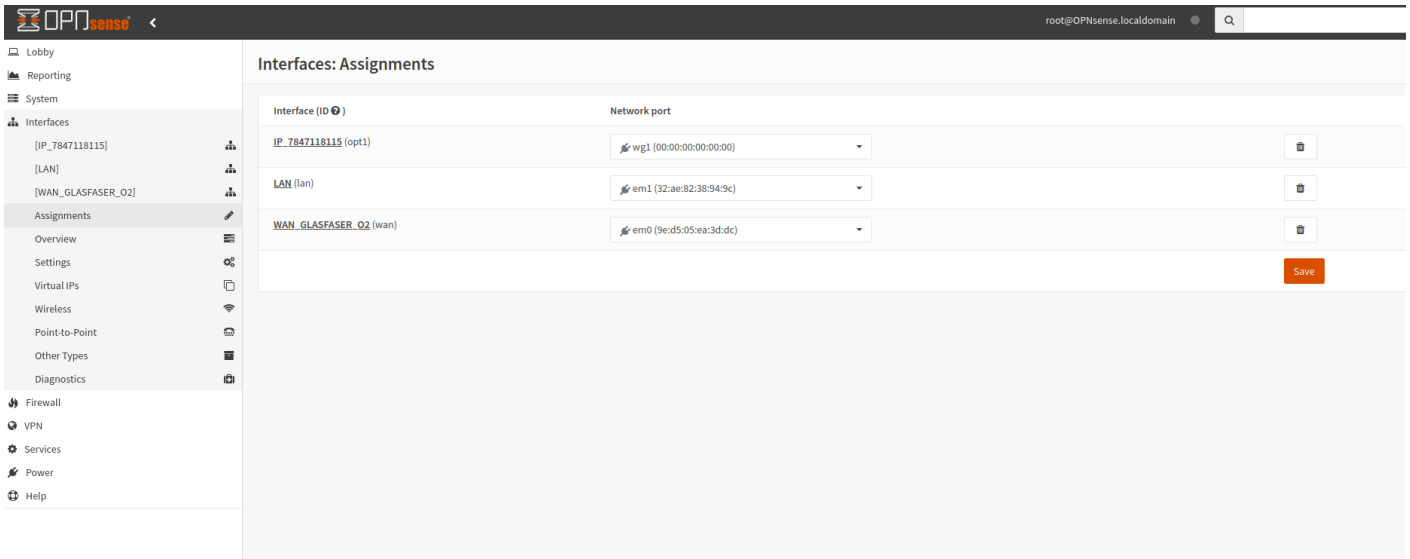
Danach im Registerreiter General,  
den Haken wieder raus. Apply klicken,  
Dann haken wieder rein. Apply klicken.



Nun Unterinterfaces -> Assignments -> In der Beschreibung WG1 IP\_eintragen. Und dann auf + drücken



Danach auf Save klicken



Nun in Interfaces , dann auf neu erstelle Interface



Nun folgende Einstellungen vornehmen

Version #2

Erstellt: 15 November 2022 09:09:39 von Admin

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