

# Tailscale Installationsanleitung

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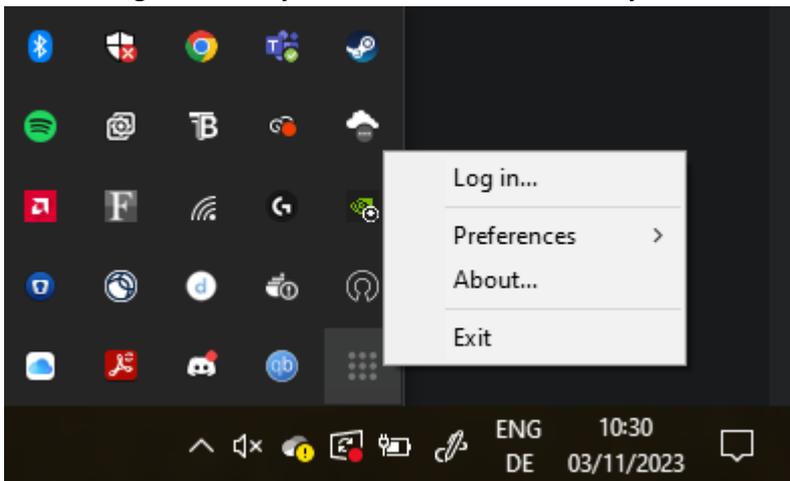
- [Tailscale Installationsanleitung](#)
  - [Vorbereitung](#)
  - [Client Verbinden](#)
  - [PfSense Konfiguration](#)
  - [Abschliessende einstellungen](#)
    - [RDP Auf den VM's einschalten](#)

## Vorbereitung

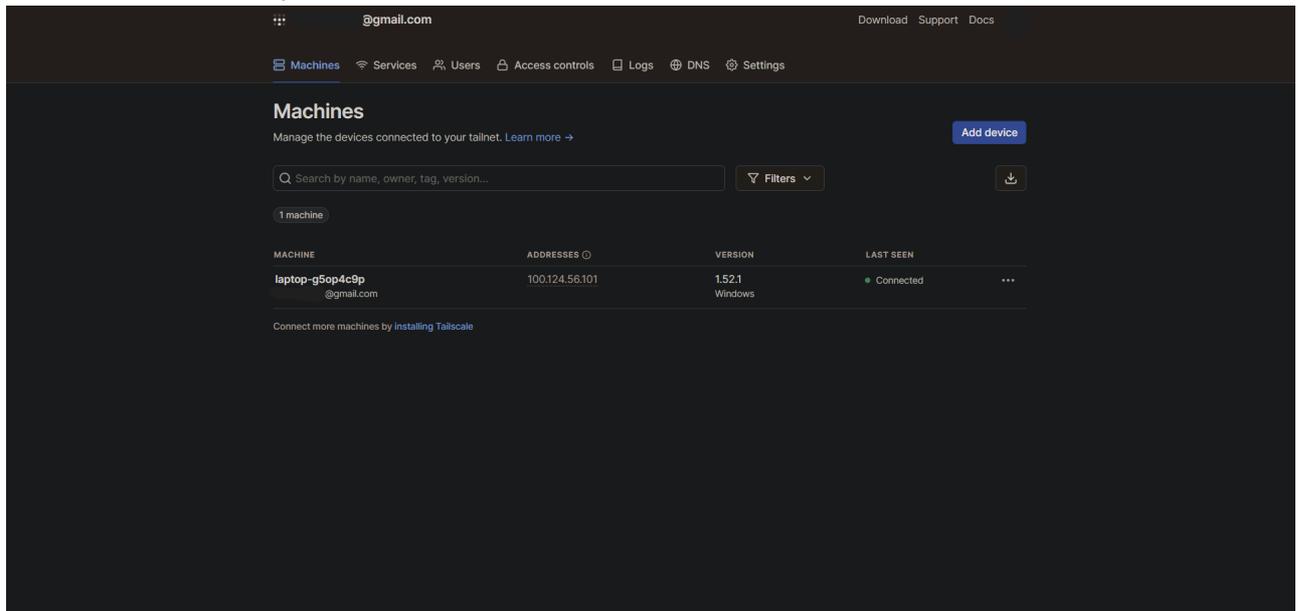
1. Snapshot von Router machen(falls es zu problem kommen sollte kann dieser Restored werden)
2. Tailscale Account erstellen (<https://login.tailscale.com/start>) --> Am einfachsten einfach mit Google, Microsoft oder GitHub Account registrieren.

## Client Verbinden

1. Tailscale herunterladen (<https://tailscale.com/download/>)
2. Tailscale Starten
3. Anmeldung (in icontray Rechtscklick auf Tailscale Symbol)

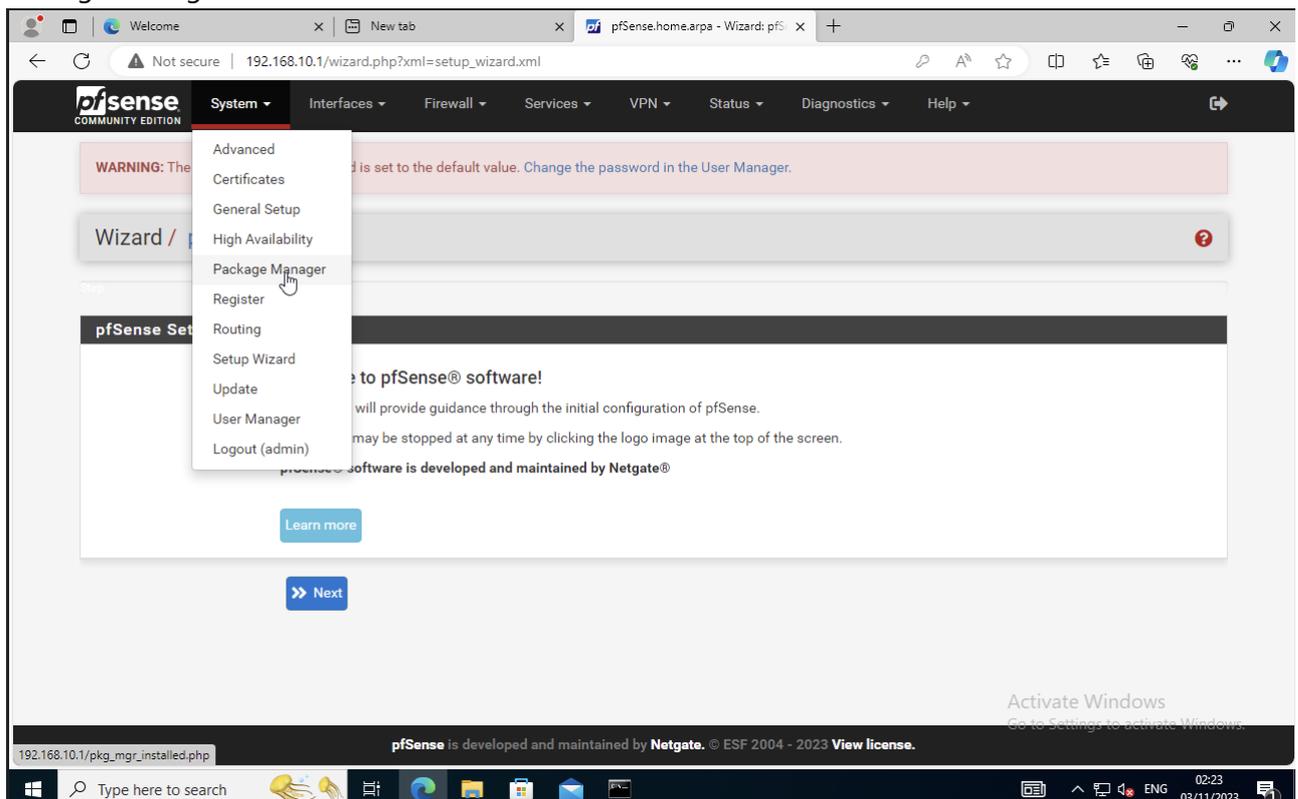


## 4. Status im WebUI Überprüfen

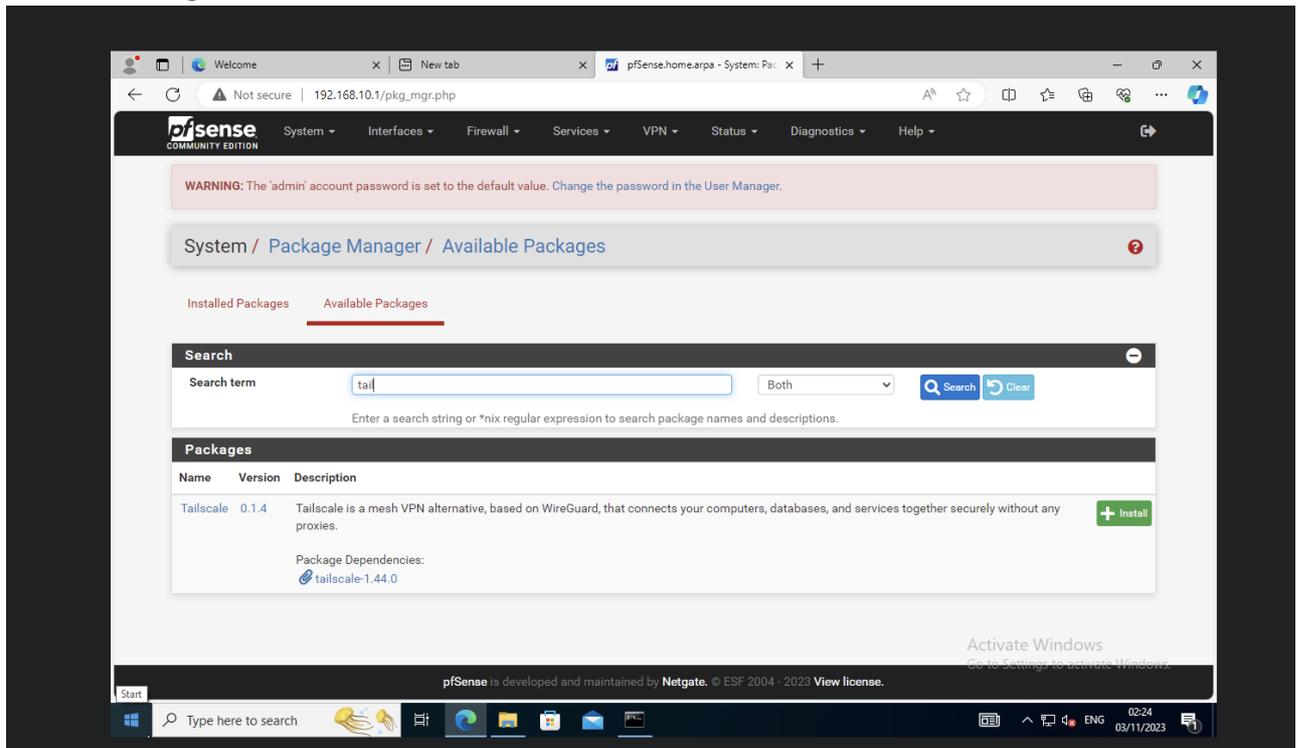


## PfSense Konfiguration

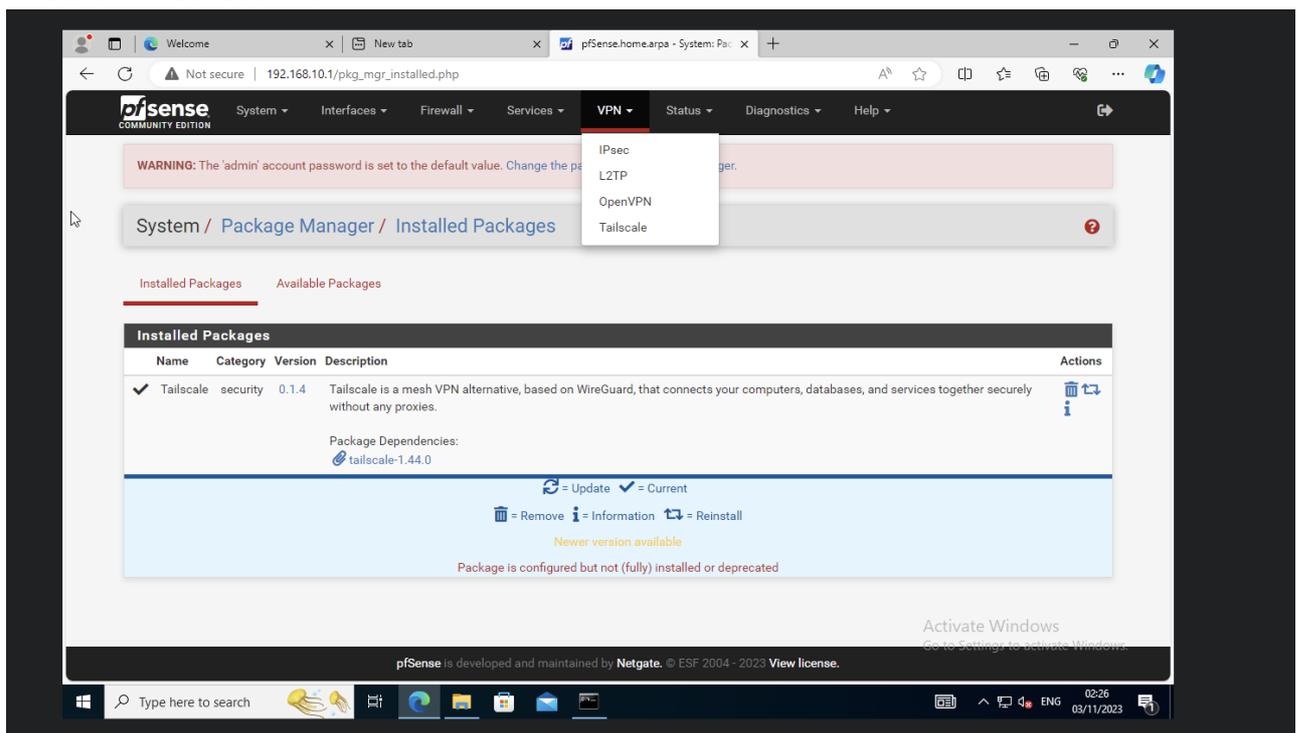
1. PfSense Webui öffnen
2. Package Manager Öffnen

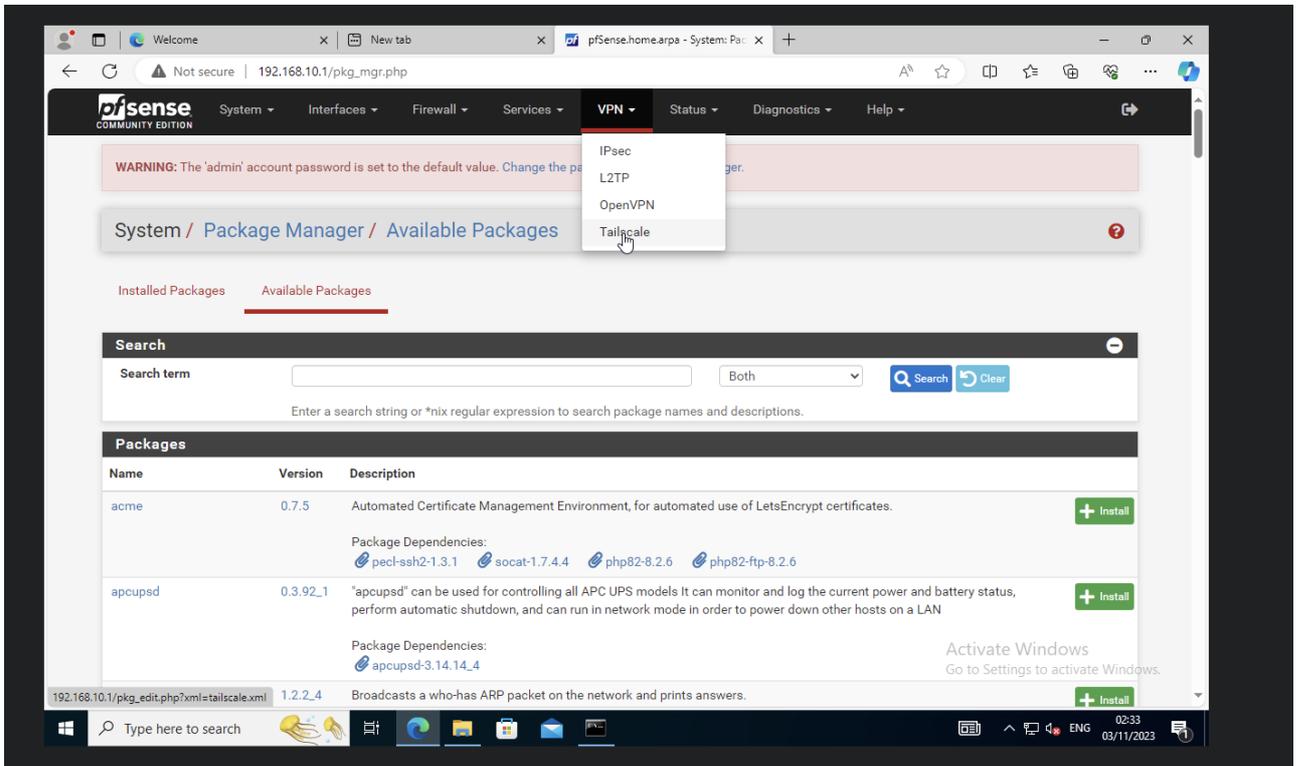


### 3. Tailscale Package Installieren(auf Install klicken)

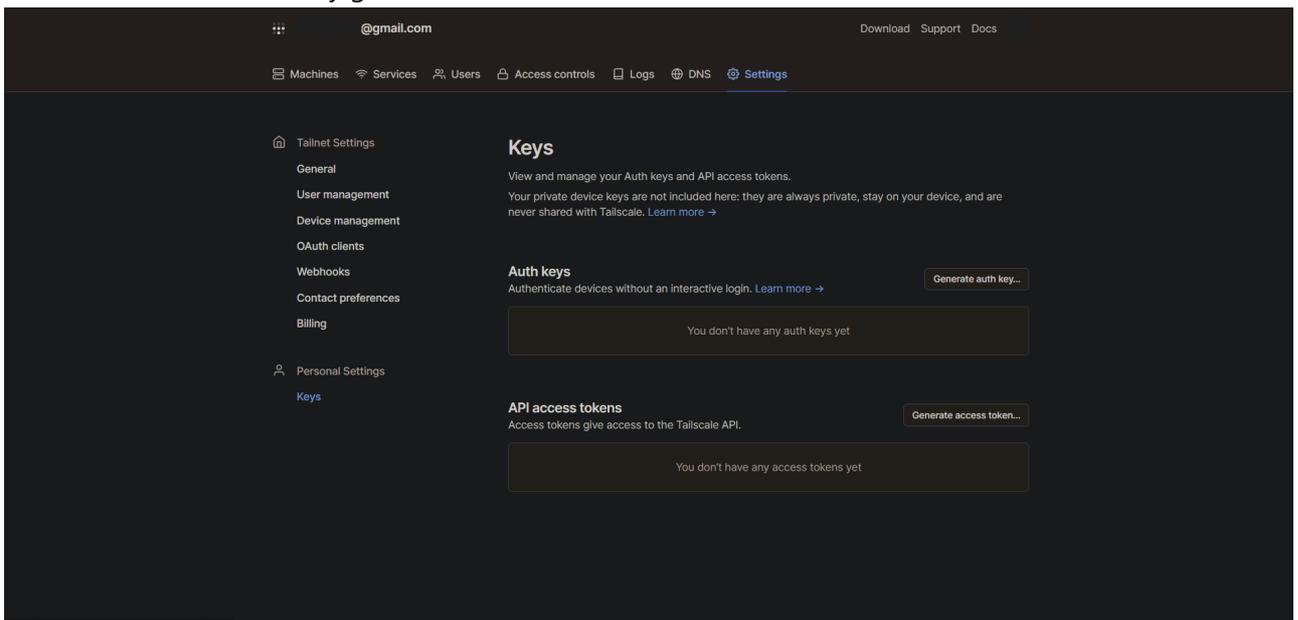


### 4. Tailscale In PFSense öffnen

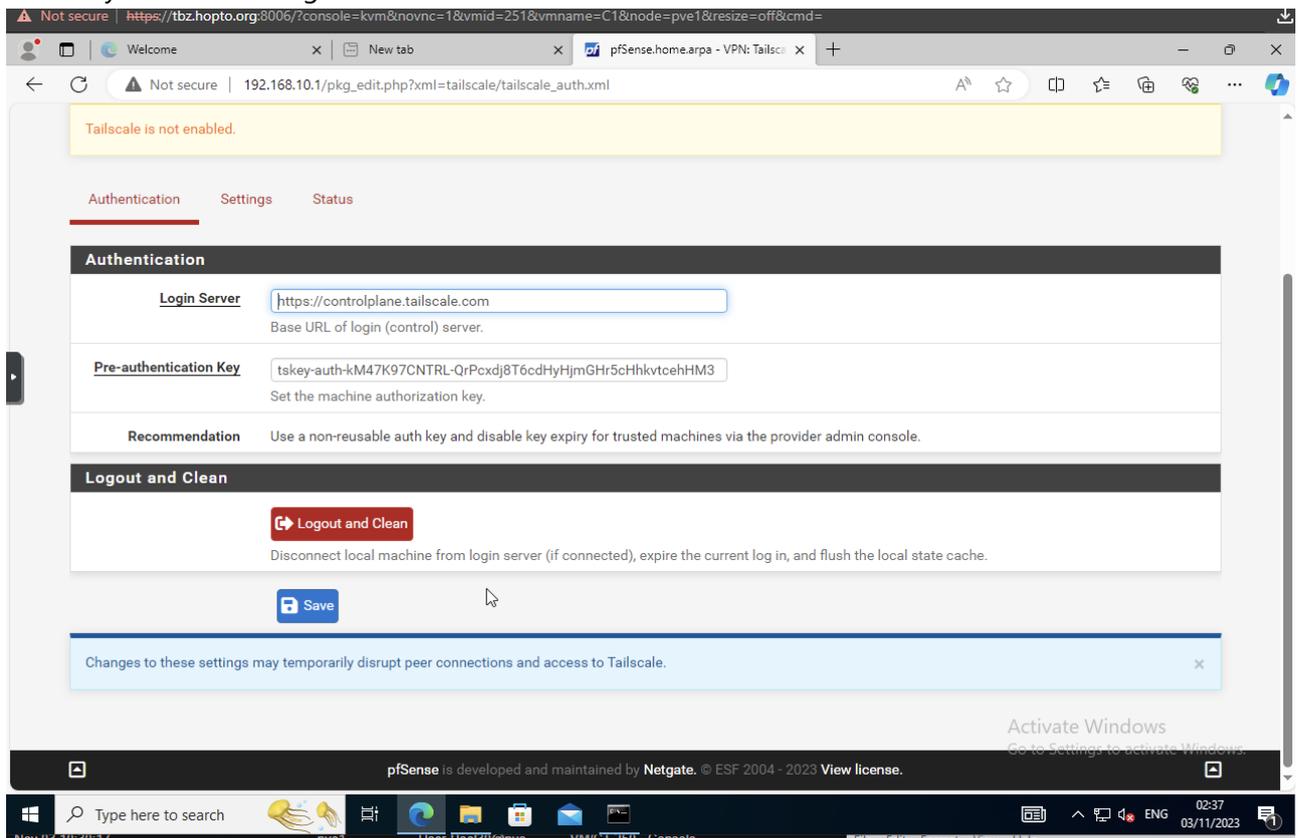




## 5. In Tailscale Webui Auth Key generieren



## 6. Auth Key in PFSense Eingeben



Tailscale is not enabled.

Authentication Settings Status

**Authentication**

**Login Server**   
Base URL of login (control) server.

**Pre-authentication Key**   
Set the machine authorization key.

**Recommendation** Use a non-reusable auth key and disable key expiry for trusted machines via the provider admin console.

**Logout and Clean**

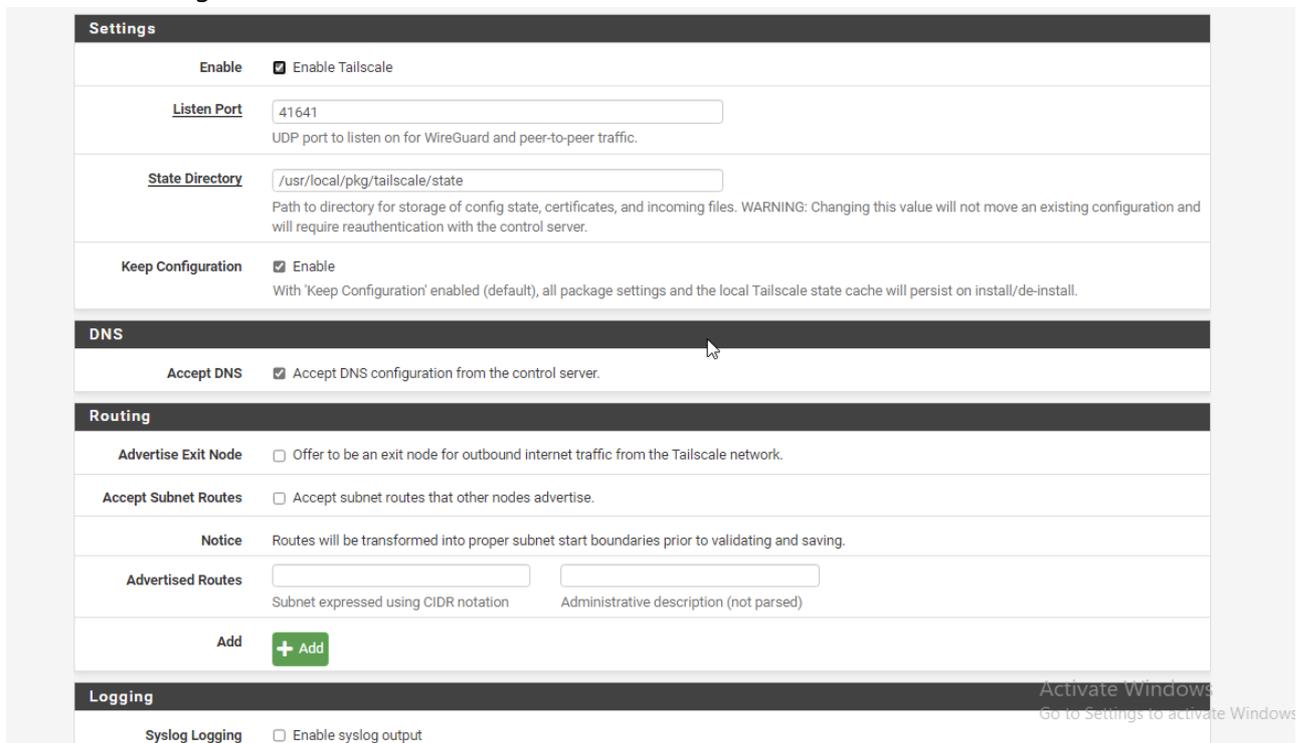
[Logout and Clean](#)  
Disconnect local machine from login server (if connected), expire the current log in, and flush the local state cache.

[Save](#)

Changes to these settings may temporarily disrupt peer connections and access to Tailscale.

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## 7. Routes Hinzufügen und Tailscale Enablen



**Settings**

**Enable**  Enable Tailscale

**Listen Port**   
UDP port to listen on for WireGuard and peer-to-peer traffic.

**State Directory**   
Path to directory for storage of config state, certificates, and incoming files. WARNING: Changing this value will not move an existing configuration and will require reauthentication with the control server.

**Keep Configuration**  Enable  
With 'Keep Configuration' enabled (default), all package settings and the local Tailscale state cache will persist on install/de-install.

**DNS**

**Accept DNS**  Accept DNS configuration from the control server.

**Routing**

**Advertise Exit Node**  Offer to be an exit node for outbound internet traffic from the Tailscale network.

**Accept Subnet Routes**  Accept subnet routes that other nodes advertise.

**Notice** Routes will be transformed into proper subnet start boundaries prior to validating and saving.

**Advertised Routes**    
Subnet expressed using CIDR notation Administrative description (not parsed)

**Add** [+ Add](#)

**Logging**

**Syslog Logging**  Enable syslog output

(Routes sind die Subnetze welche Exposed Werden Sollten(diese sind dann für die Clients welche mit

## Tailscale verbunden werden verfügbar))

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**DNS**

**Accept DNS**  Accept DNS configuration from the control server.

**Routing**

**Advertise Exit Node**  Offer to be an exit node for outbound internet traffic from the Tailscale network.

**Accept Subnet Routes**  Accept subnet routes that other nodes advertise.

**Notice** Routes will be transformed into proper subnet start boundaries prior to validating and saving.

**Advertised Routes**

<input type="text" value="192.168.10.0/24"/>	<input type="text"/>	<input type="button" value="Delete"/>
<input type="text" value="192.168.20.0/24"/>	<input type="text"/>	<input type="button" value="Delete"/>

Subnet expressed using CIDR notation      Administrative description (not parsed)

**Add**

**Logging**

**Syslog Logging**  Enable syslog output

## 8. Tailscale Starten

# Abschliessende einstellungen

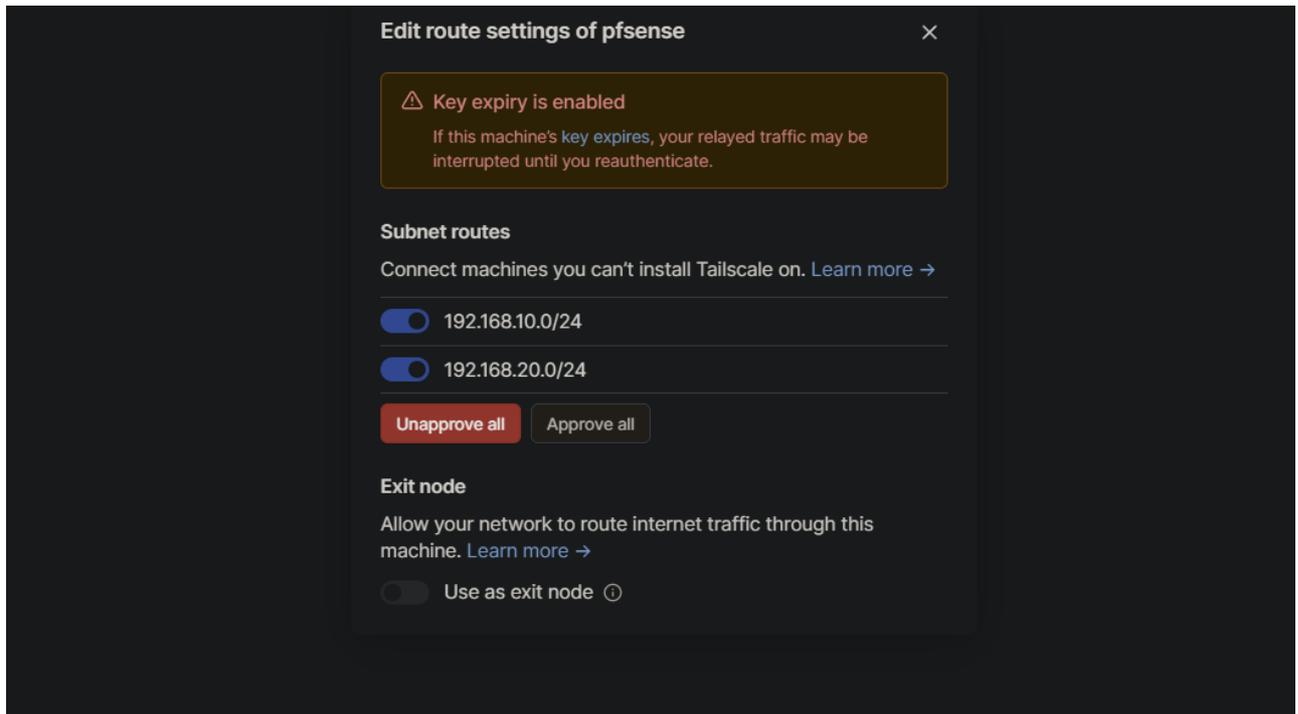
## 1. Im Webui pfSense Auswählen und Edit route settings auswählen.

The screenshot shows the Tailscale web interface with a search bar and filters. Below the search bar, it indicates '2 machines'. A table lists the machines:

MACHINE	ADDRESSES	VERSION	LAST SEEN
<b>pfSense</b> @gmail.com	100.83.200.144	1.44.0 FreeBSD	Connected
<b>laptop-g5op4c9p</b> @gmail.com	100.124.56.101	1.52.1 Windows	10:58 AM GMT+1

A context menu is open for the 'laptop-g5op4c9p' machine, showing options: Edit machine name..., Share..., Disable key expiry, View recent activity, Edit route settings..., Edit ACL tags..., and Remove...

## 2. Routen einschalten



## RDP Auf den VM's einschalten

