Einrichten vom W-Lan beim ARCH Linux Default Image

Quelle Wifi/Wlan Config

- einlogen als root z.b. ssh root@<pikvm-ip-adresse>
- Filesystem ReadWrite einstellen (rw)
- W-lan Service einschalten „systemctl enable netctl-auto@wlan0.service“
- W-LAN per GUI oder CLI konfigurieren
  - wifi-menu -o #GUI
  - wpa_passphrase wifiname this_is_my_great_and_secure_key_1234567890 #CLI WPA-Key
  - nano /etc/netctl/wlan0-wifiname #CLI Konfigurations file

Login & filesystem RW

```
ssh root@pikvm
rw
```

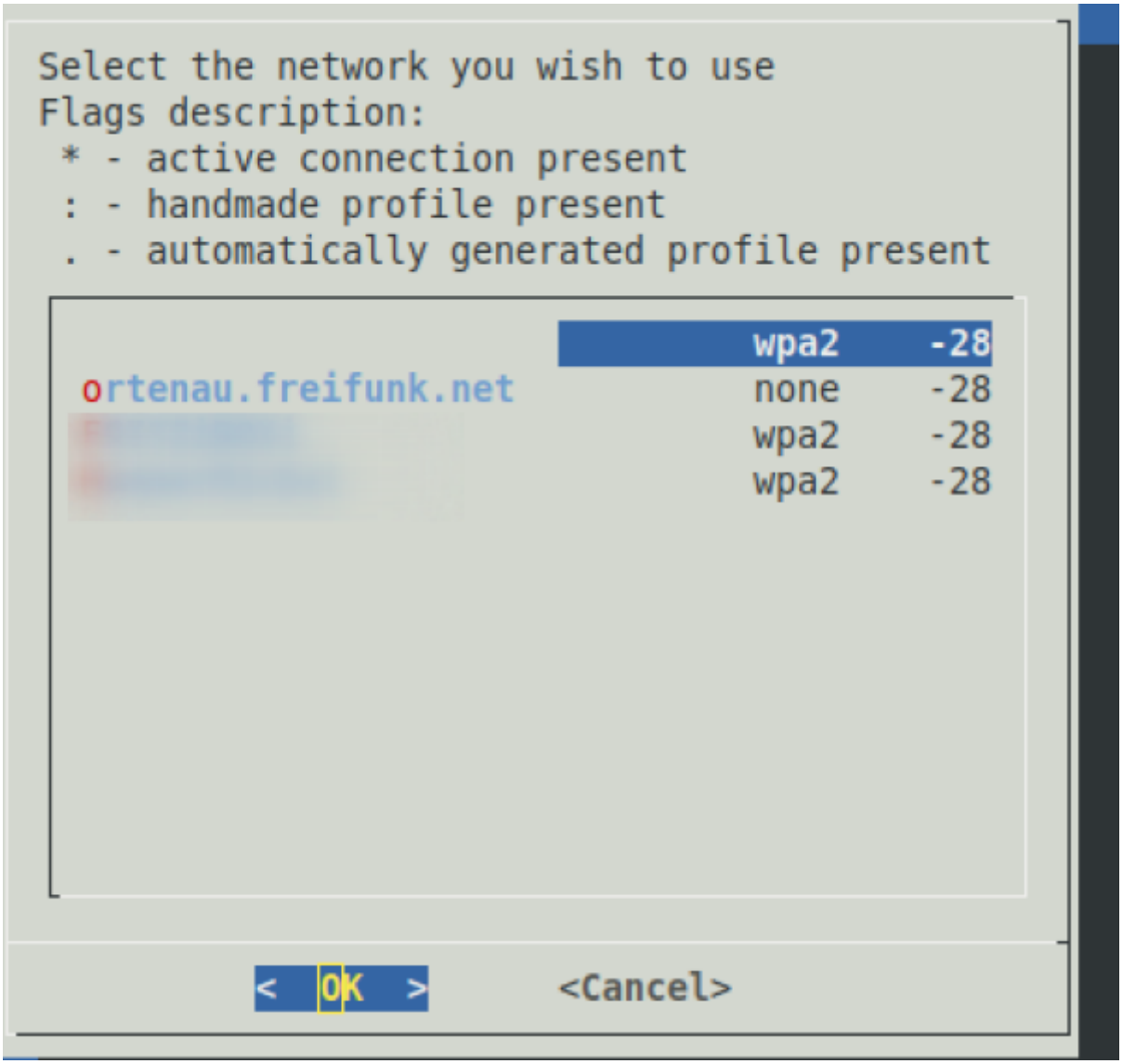
GUI

> **TIPP**
>
> The -o makes sure that the WiFi passphrase is stored encrypted.

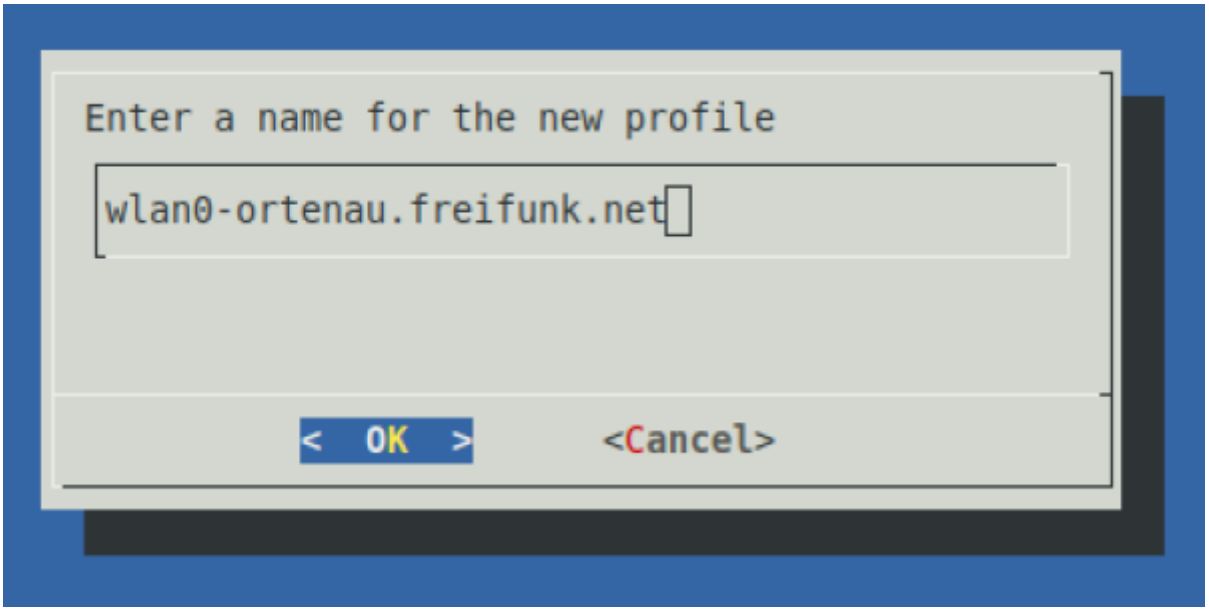
```
wifi-menu -o
```

> **Netzwerk wird Gescannt**

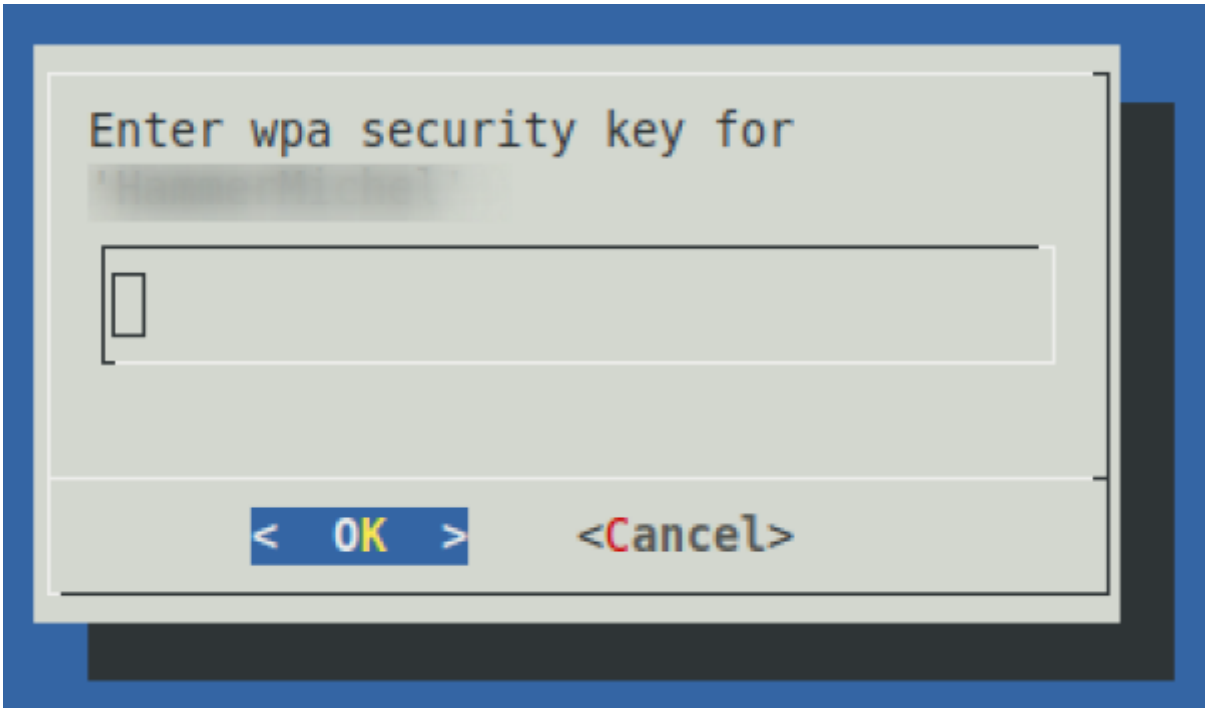
- Scan



- auswählen



- WPA-Key eingeben



- alle Konfiguration werden unter „ls /etc/netctl/“ gespeichert

Manuelle

- WPA-Key generieren

```
wpa_passphrase WLANname mein_wpa_schluessel_1234567890
```

- Ergebniss

```
network={
    ssid="WLANname"
    #psk="mein_wpa_schluessel_1234567890"
    psk=31afdb053606d4768eb7766bb98e2d10fcb8d79f401cb859bcadc61c99fc46fd
}
```

- WLAN einschalten

```
netctl-auto switch-to wlan0-wifiname
```

- RO einschalten

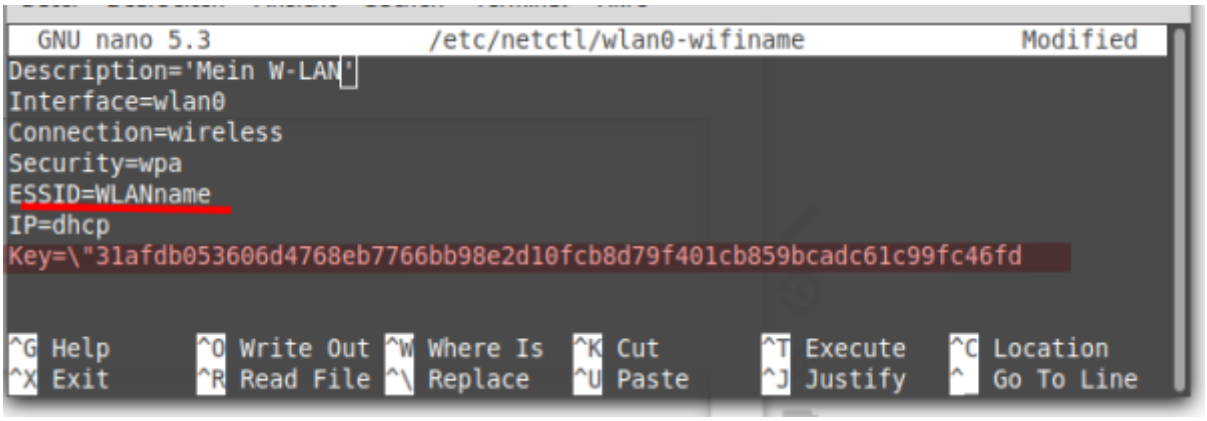
```
ro
```

> **TIPP**
>
> den string psk=..... vorher kopieren/speichern

- neues W-Lan Profil anlegen

```
nano /etc/netctl/WLANname
```

```
Description='Mein W-LAN'
Interface=wlan0
Connection=wireless
Security=wpa
ESSID=WLANname
IP=dhcp
Key=\"31afdb053606d4768eb7766bb98e2d10fcb8d79f401cb859bcadc61c99fc46fd
```



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