

Einrichten vom W-Lan beim ARCH Linux Default Image

Quelle Wifi/Wlan Config

- einloggen 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

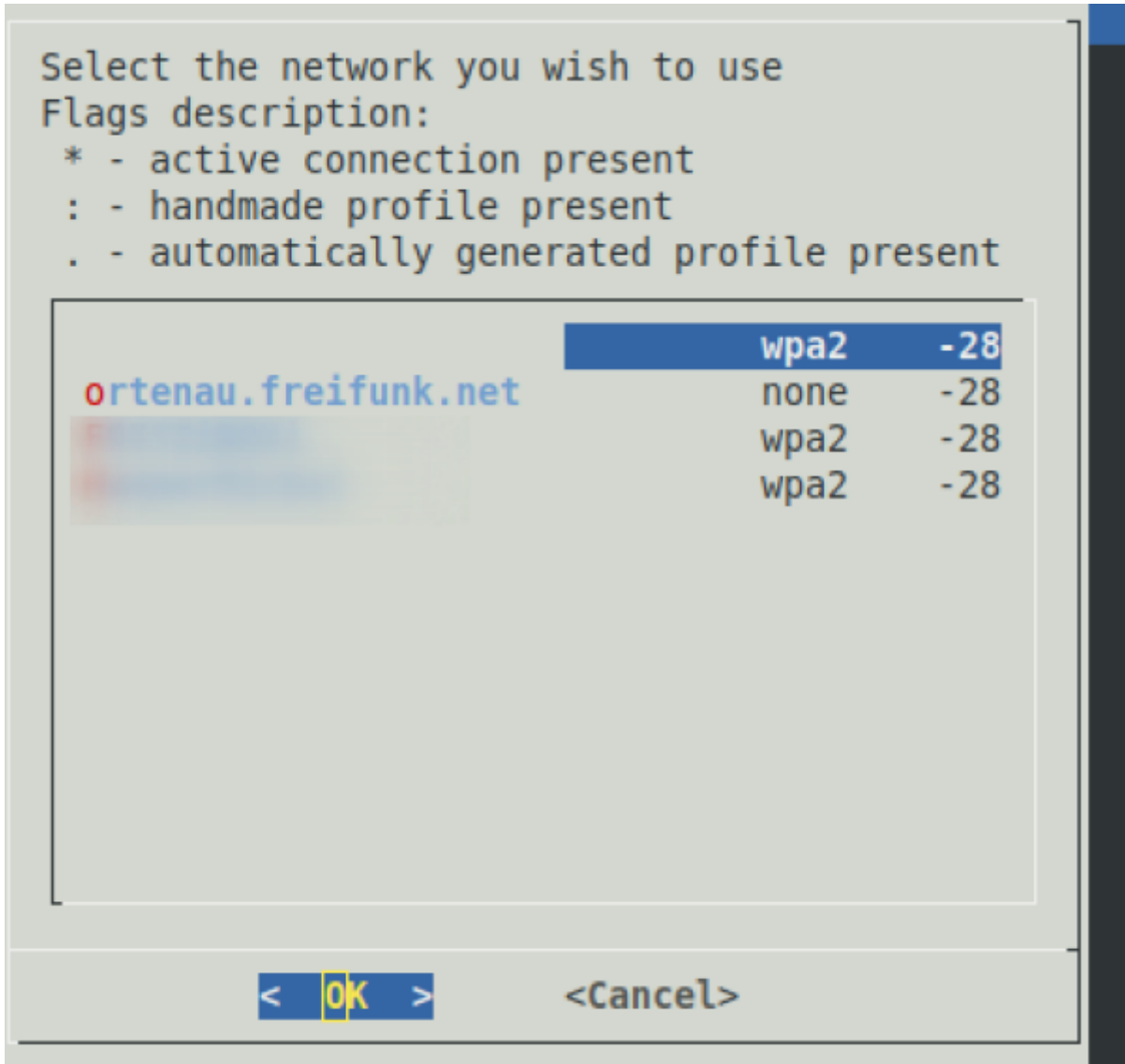
TIPP

[The -o makes sure that the WiFi passphrase is stored encrypted.]

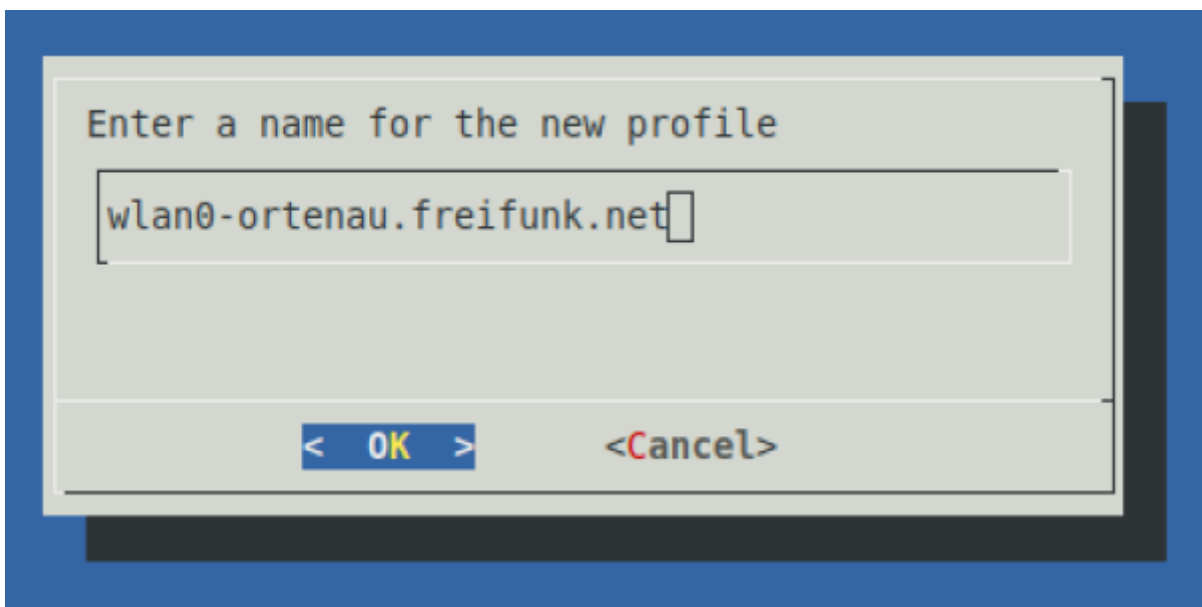
```
wifi-menu -o
```

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_schluesssel_1234567890
```

- Ergebniss

```
network={
  ssid="WLANname"
  #psk="mein_wpa_schluesssel_1234567890"
  psk=31afdb053606d4768eb7766bb98e2d10fcb8d79f401cb859bcadc61c99fc46fd
}
```

- WLAN einschalten

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

- RO einschalten

```
ro
```

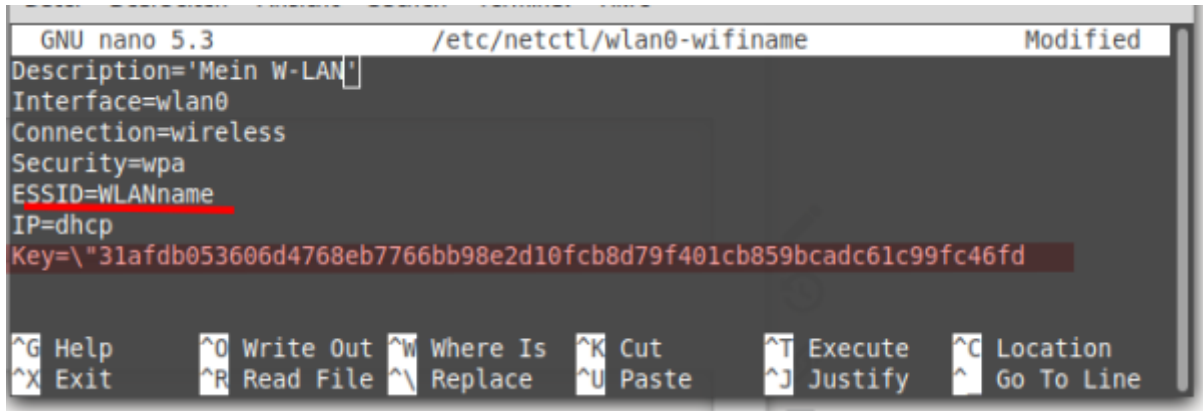
TIPP

```
[ 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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