Raspberry PI 5 - OpenWRT

Firstly install the image of the thingy named openwrt-bcm27xx-bcm2712-rpi-5-squashfs-factory.img.gz

Secondly install the latest version of rufus @ https://rufus.ie/en/ or install it V4.4 @ `rufus-4.4.exe`
Thirdly add the image that you have installed onto the SD Card.

Go to your preferred browser

input the Private IP 192.168.1.1

or

(Optional) If 192.168.1.1 does not work you may do a scan on 192.168.0.0 to find the desired Private IP where your precious config panel is
[Simple way] Just go on CMD(WIndows) or Terminal(Linux) and to either

```
ipconfig
```

or

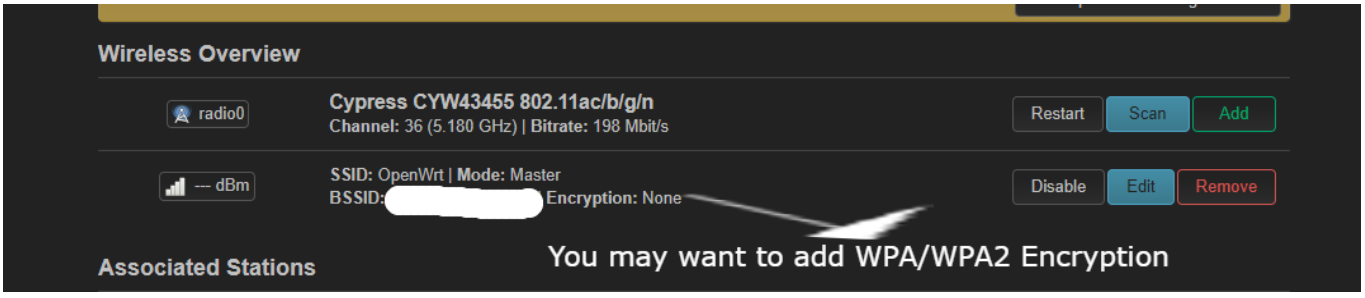
```
ifconfig
```

And search Default Gateway

After you have entered the Management Panel You will have a Login reminder Default User and Pass is (root)
User: root
Pass: root

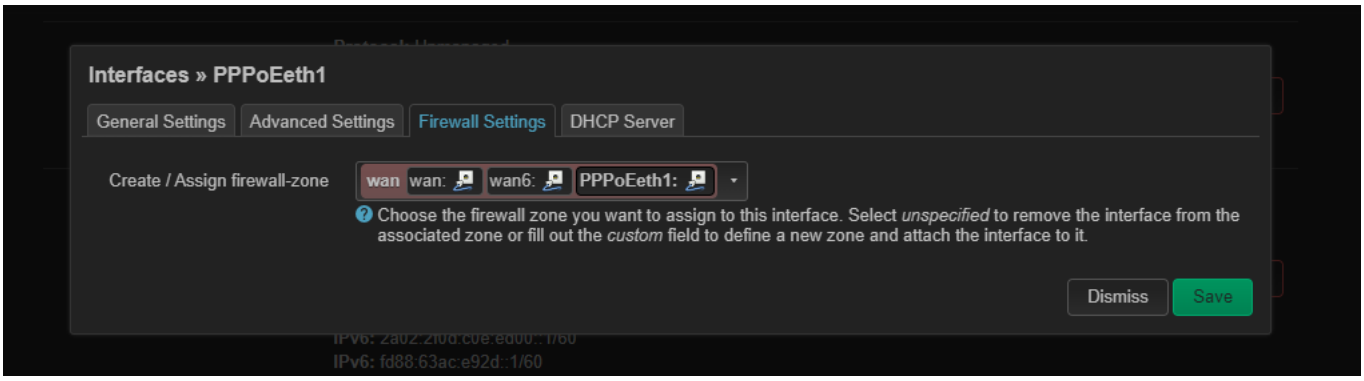
Now onto the setup part!!!!

(Optional) If you want your raspberry pi to become a WIFI giver then go to the network dropdown then go to wireless after that you will see !



You go to the second one NOT radio0 then enable it and you are done opening wireless support for your precious homebrew router!

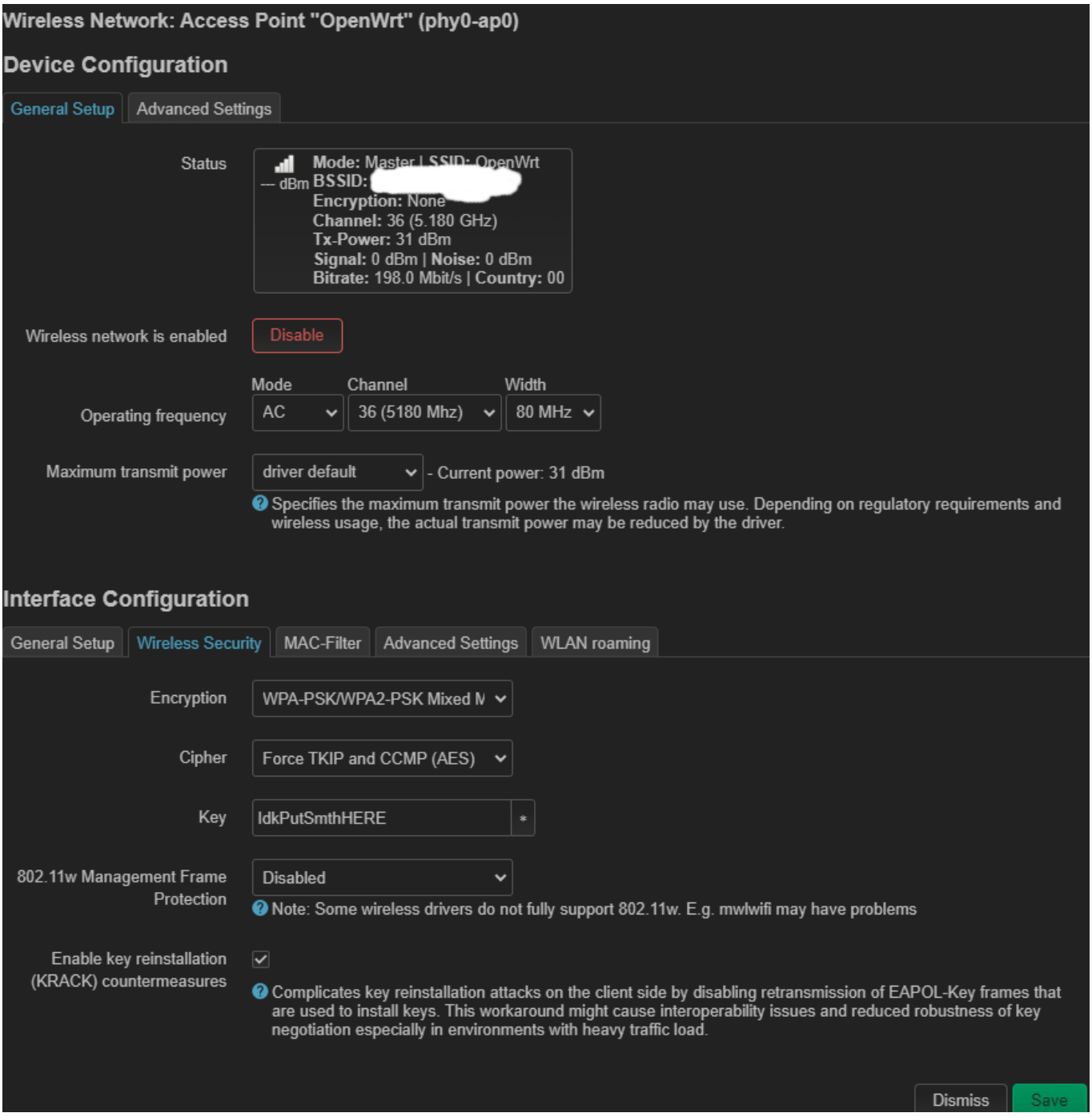
To add PPPoE go to Network dropdown click interface then click Add new then click on the select dropdown onto PPPoE then add your conection stuff after you are done with that edit the thing again inpput ur PPPoE user and pass then go to firewall thingy



and Assign firewall-zone as WAN!
AND BOOM YOU ARE FINALLY DONE!!!!!!!

WPA/WPA2 Encryption How to basic!

At the Key thingy you will have to put your own password that your wireless connection will have.
(Optional) It's not just WPA/WPA2 you can you can have WPA3 too if you want! So whatever!


Wireless Network: Access Point "OpenWrt" (phy0-ap0)
Device Configuration
General Setup
Advanced Settings
Status
--- dBm
Mode: Master | SSID: OpenWrt
BSSID:
Encryption: None
Channel: 36 (5.180 GHz)
Tx-Power: 31 dBm
Signal: 0 dBm | Noise: 0 dBm
Bitrate: 198.0 Mbit/s | Country: 00
Wireless network is enabled
Disable
Mode
Channel
Width
Operating frequency
AC
36 (5180 Mhz)
80 MHz
Maximum transmit power
driver default
- Current power: 31 dBm
Specifies the maximum transmit power the wireless radio may use. Depending on regulatory requirements and wireless usage, the actual transmit power may be reduced by the driver.
Interface Configuration
General Setup
Wireless Security
MAC-Filter
Advanced Settings
WLAN roaming
Encryption
WPA-PSK/WPA2-PSK Mixed M
Cipher
Force TKIP and CCMP (AES)
Key
IdkPutSmthHERE
802.11w Management Frame Protection
Disabled
Note: Some wireless drivers do not fully support 802.11w. E.g. mwlwifi may have problems
Enable key reinstallation (KRACK) countermeasures
Complicates key reinstallation attacks on the client side by disabling retransmission of EAPOL-Key frames that are used to install keys. This workaround might cause interoperability issues and reduced robustness of key negotiation especially in environments with heavy traffic load.
Dismiss
Save