

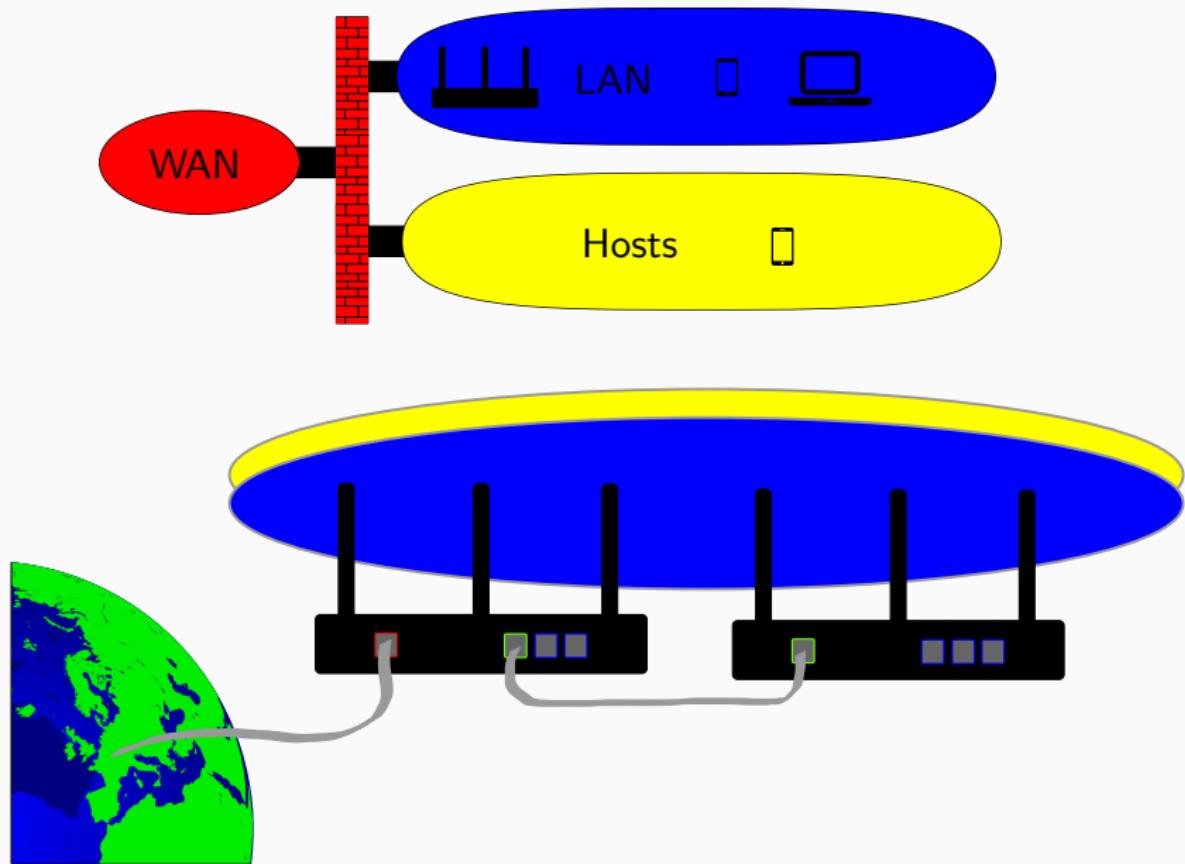
# Domácí wifi síť s OpenWRT

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Kar(t)el Kočí

3.3.2018

# Co je cílem?

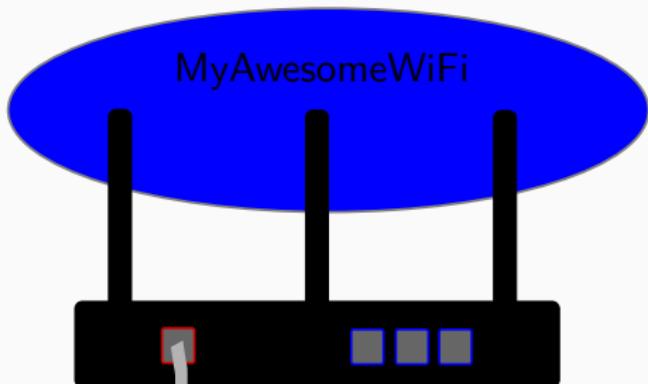
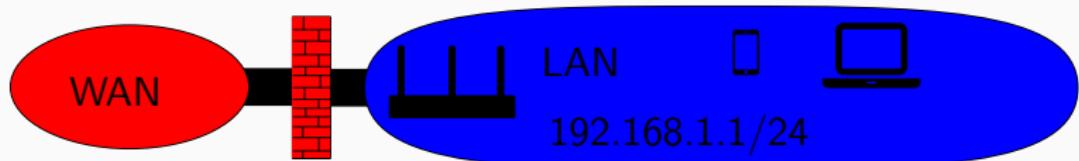


# OpenWRT?

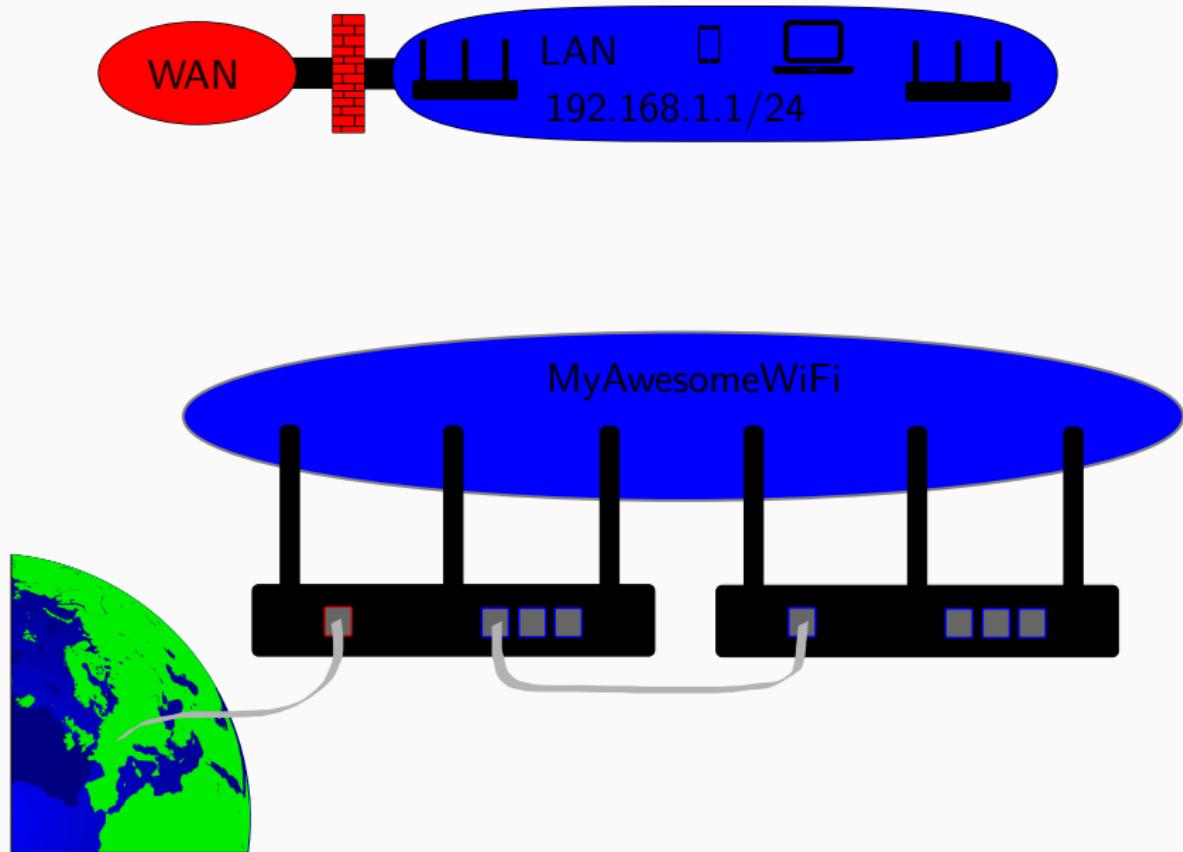
- Možnosti nastavení
- Updaty
- Open Source



# Základní nastavení



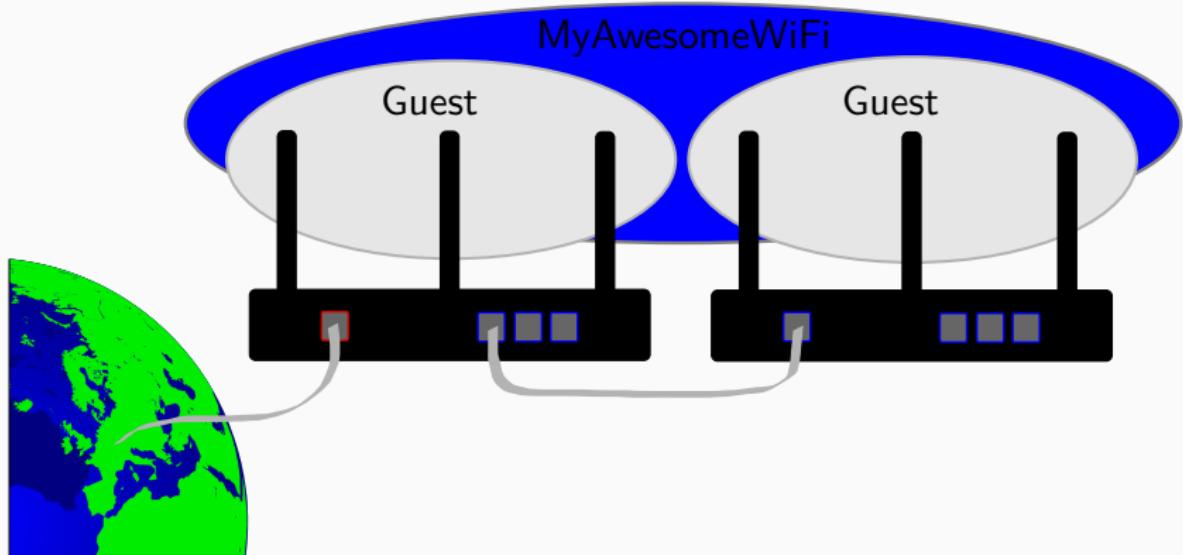
# Přidáváme AP



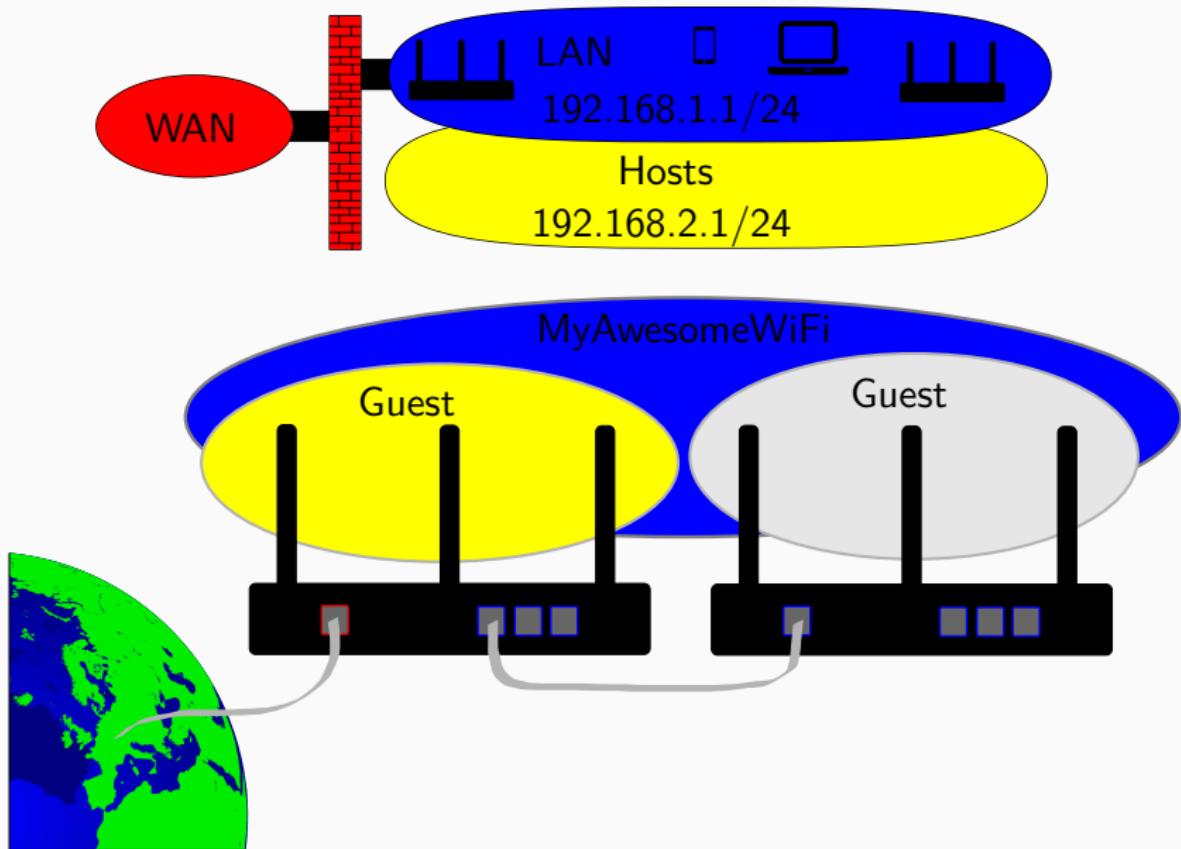
# Síťové služby na roteru vs. AP

	Router	AP
DHCP client / static ip	✓	✓
DHCP server	✓	✗
DNS resolver	✓	✗
Firewall	✓	✓

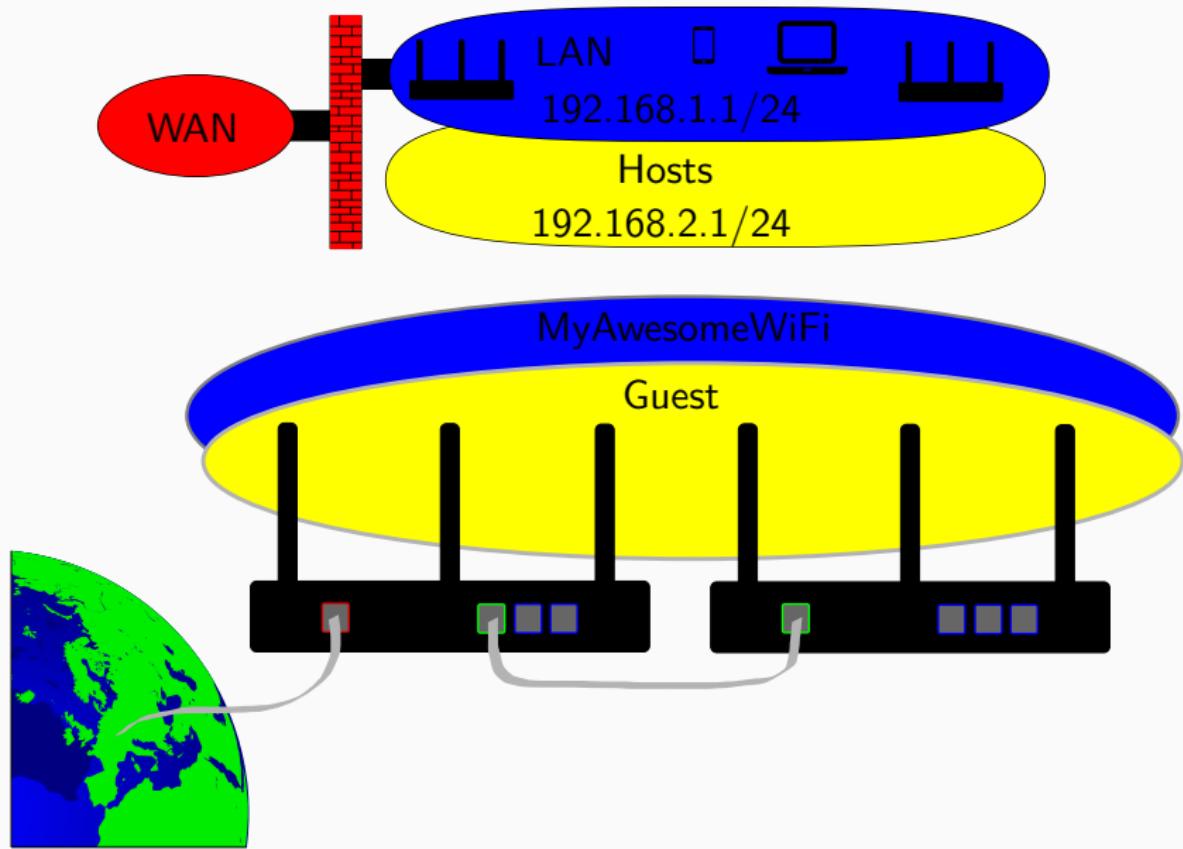
## Rozšiřujeme o síť pro hosty (Wifi)



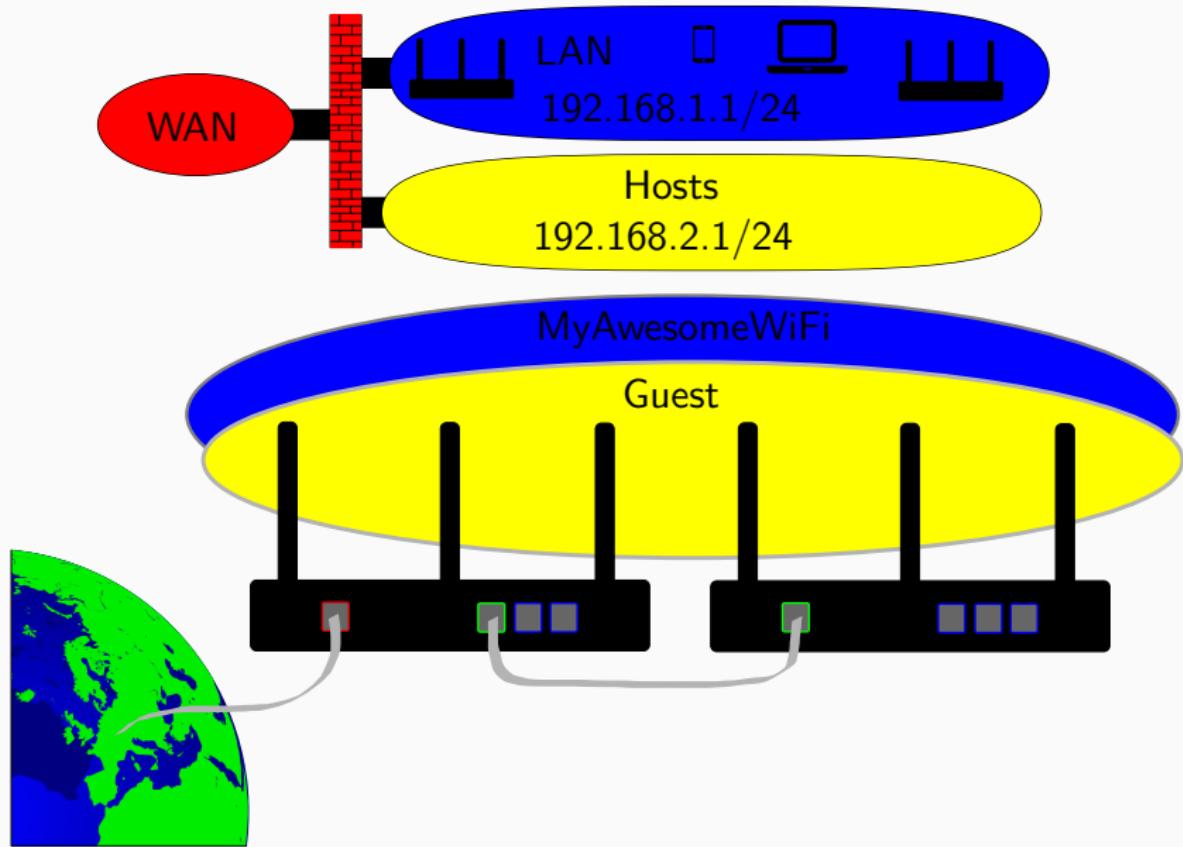
# Rozšiřujeme o síť pro hosty (Interface)



## Rozšiřujeme o síť pro hosty (VLan)



## Rozšiřujeme o síť pro hosty (Firewall)



## IEEE802.11r (volitelně)

```
config wifi-iface
    option device 'radio0'
    option mode 'ap'
    ....
    option ieee80211r 1
    option mobility_domain 'ff42'
    option nasid '552244339990' # 552244339991
    option r1_key_holder '112233445502' # BSSID
    list r0kh "11:22:33:44:55:00,552244339990,ffaaffaaffaaffa
    list r0kh "11:22:33:44:55:01,552244339991,ffaaffaaffaaffa
    list r1kh "11:22:33:44:55:00,11:22:33:44:55:00,ffaaffaaffa
    list r1kh "11:22:33:44:55:01,11:22:33:44:55:01,ffaaffaaffa
```

[https://wiki.openwrt.org/doc/uci/wireless#fast\\_bss\\_transition\\_options](https://wiki.openwrt.org/doc/uci/wireless#fast_bss_transition_options)

Otázky?

Děkuji za pozornost