EIGRP + IPv4

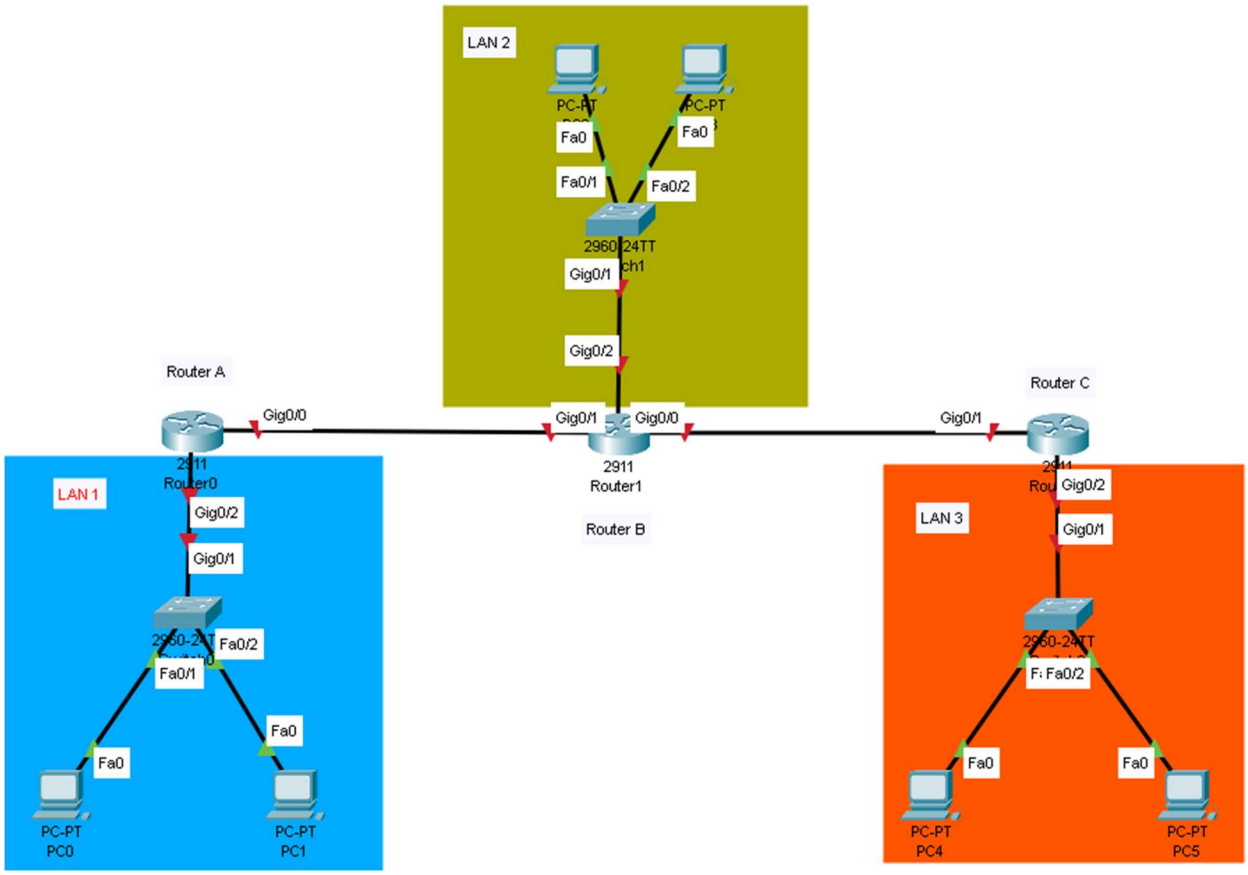
Zařízení:

3x router (2911)

3x switch (2960)

6x PC

Topologie:



Sítě:

- Lan 1: 192.168.1.0/24
  - Router A interface: 192.168.1.1
- Lan2: 192.168.2.0/24
  - Router B interface: 192.168.2.1
- Lan3: 192.168.3.0/24
  - Router C intrface: 192.168.3.1

- Point-to-point A-B: 10.0.0.0/30
  - Router A: 10.0.0.1
  - Router B: 10.0.0.2
- Point-to-point B-C: 10.0.0.4/30
  - Router B: 10.0.0.5
  - Router C: 10.0.0.6

EIGRP konfigurace

Použijeme číslo AS “100”. Toto se musí shodovat na všech routerech.

Router A:

```
RouterA> enable
RouterA# configure terminal
RouterA(config)# router eigrp 100
RouterA(config-router)# network 192.168.1.0
RouterA(config-router)# network 10.0.0.0
RouterA(config-router)# no auto-summary
RouterA(config-router)# exit
```

Router B:

```
RouterB> enable
RouterB# configure terminal
RouterB(config)# router eigrp 100
RouterB(config-router)# network 192.168.2.0
RouterB(config-router)# network 10.0.0.0
RouterB(config-router)# network 10.0.0.4
RouterB(config-router)# no auto-summary
RouterB(config-router)# exit
```

Router C:

```
RouterC> enable
RouterC# configure terminal
RouterC(config)# router eigrp 100
RouterC(config-router)# network 192.168.3.0
RouterC(config-router)# network 10.0.0.4
RouterC(config-router)# no auto-summary
RouterC(config-router)# exit
```