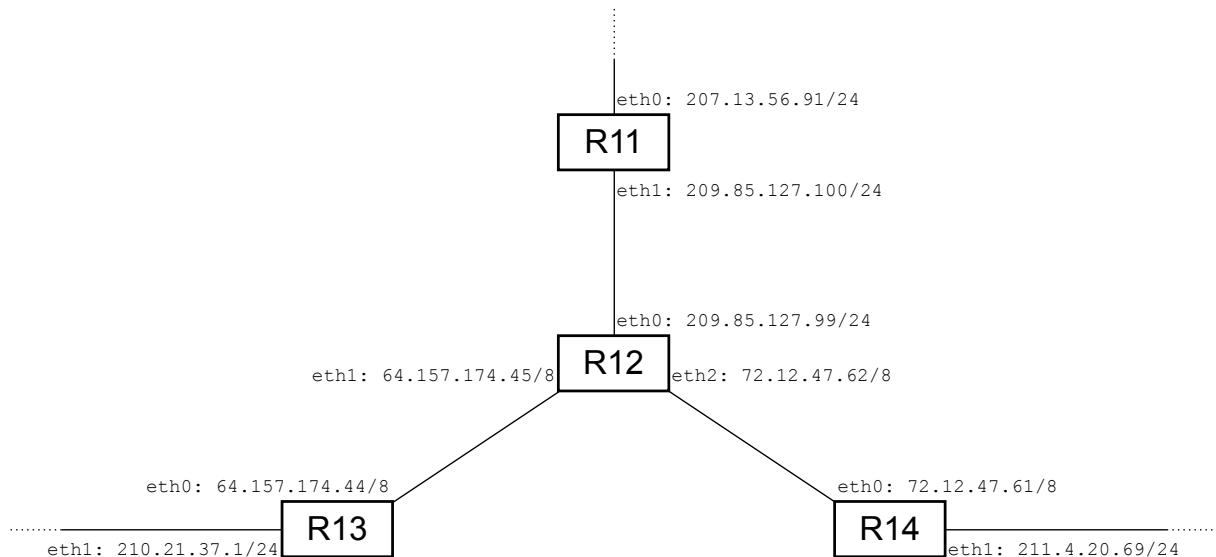


Na poniższym rysunku przedstawiono logiczne połączenie ruterów R11, R12, R13 i R14.



Poniżej przedstawiono fragment tablicy tras routera R12.

Cel	Maska	Interfejs	Brama
209.85.127.0	24	eth0	0.0.0.0
207.13.56.0	24	eth0	209.85.127.100
222.67.1.0	24	eth0	209.85.127.100
64.0.0.0	8	eth1	0.0.0.0
210.21.37.0	24	eth1	64.157.174.44
25.0.0.0	8	eth1	64.157.174.44
72.0.0.0	8	eth2	0.0.0.0
211.4.20.0	24	eth2	72.12.47.61
193.19.88.0	24	eth2	72.12.47.61

Wynik polecenia `traceroute pigeon.zad3sik.edu.pl` z komputera `eagle.zad3sik.edu.pl`:

`traceroute to pigeon.zad3sik.edu.pl (222.67.1.27), 30 hops max, 60 byte packets`

```
1 * * *
2 * * *
3 R13.zad3sik.edu.pl (210.21.37.1)
4 R12.zad3sik.edu.pl (64.157.174.45)
5 R11.zad3sik.edu.pl (209.85.127.100)
6 * * *
7 * * *
8 * * *
9 * * *
10 * * *
11 * * *
12 * * *
13 pigeon.zad3sik.edu.pl (222.67.1.27)
```

Wynik polecenia traceroute pigeon.zad3sik.edu.pl z komputera kestrel.zad3sik.edu.pl:

traceroute to pigeon.zad3sik.edu.pl (222.67.1.27), 30 hops max, 60 byte packets

```
1 * * *
2 * * *
3 * * *
4 * * *
5 * * *
6 R14.zad3sik.edu.pl (211.4.20.69)
7 R12.zad3sik.edu.pl (72.12.47.62)
8 R11.zad3sik.edu.pl (209.85.127.100)
9 * * *
10 * * *
11 * * *
12 * * *
13 * * *
14 * * *
15 * * *
16 pigeon.zad3sik.edu.pl (222.67.1.27)
```

Zawartość pliku zad3sik.edu.pl:

```
$TTL      1h
@      IN      SOA  ns1.zad3sik.edu.pl.  root.zad3.edu.pl.  (
                        1          ; Serial
                        604800     ; Refresh
                        86400      ; Retry
                        2419200    ; Expire
                        604800)    ; Negative Cache TTL

                        IN      NS   ns1.zad3sik.edu.pl.
                        IN      NS   ns2.zad3sik.edu.pl.

ns1      IN      A    142.27.28.98
ns2      IN      A    142.27.28.99

pigeon   IN      A    222.67.1.27
eagle    IN      A    25.3.143.12
kestrel  IN      A    193.19.88.91

R11-eth0 IN      A    207.13.56.91
R11-eth1 IN      A    209.85.127.100

R12-eth0 IN      A    209.85.127.99
R12-eth1 IN      A    64.157.174.45
R12-eth2 IN      A    72.12.47.62

R13-eth0 IN      A    64.157.174.44
R13-eth1 IN      A    210.21.37.1

R14-eth0 IN      A    72.12.47.61
R14-eth1 IN      A    211.4.20.69
```