

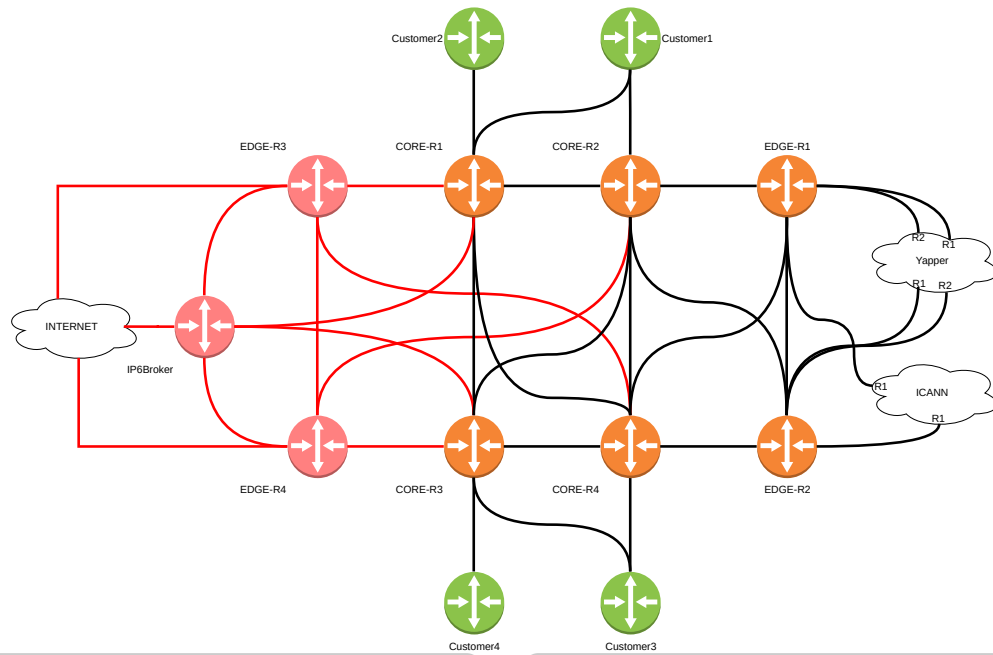
# Magentus "Single Router Fault" tesztelési jegyzőkönyv

**Dátum:** 2026. 01. 28.

**A dokumentum célja:** A Magentus ISP hálózatban fellépő "single router fault" (egy router hiba) esemény hatásainak bemutatása és tesztelése. A vizsgálat során az Ügyfél (Customer) routerén futtatott `tracert 1.1.1.1` parancssal ellenőrizzük az útvonalválasztást.

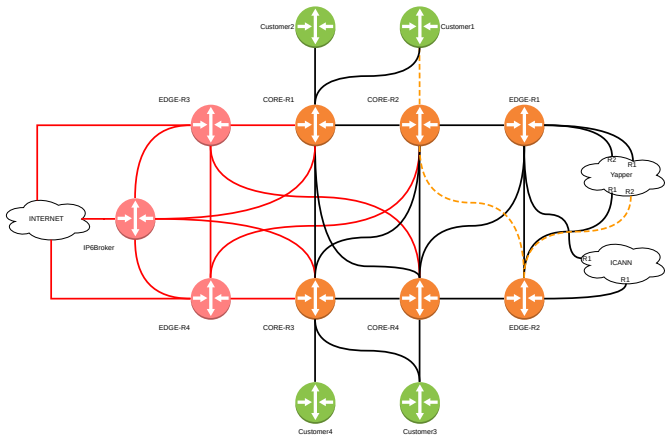
**Jelmagyarázat:** Az ábrákon a meghibásodott linket **piros vonal**, míg a traceroute által felderített aktív útvonalat **sárga szaggatott vonal** jelöli.

# Hiba szimuláció: Szomszédos Internetszolgáltató meghibásodása



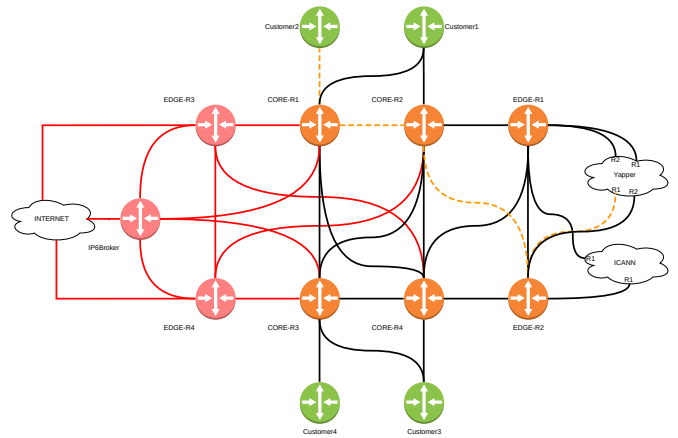
## MAGENTUS-Customer1

Sikeres ping! 1.1.1.1 68 msec



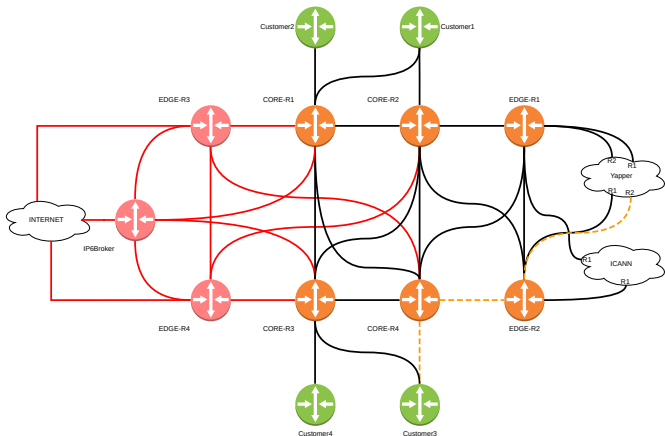
## MAGENTUS-Customer2

Sikeres ping! 1.1.1.1 68 msec 64 msec



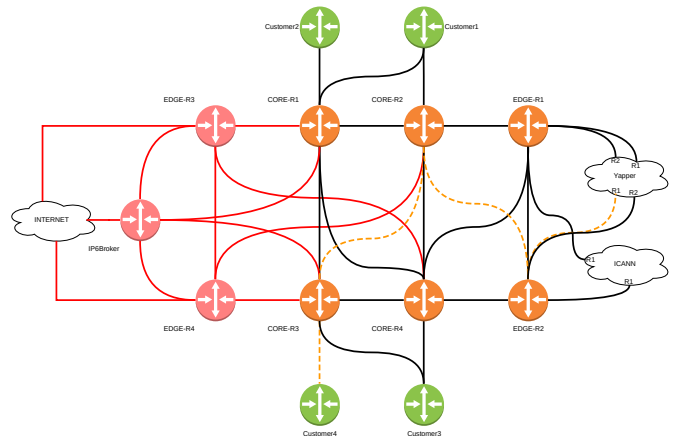
## MAGENTUS-Customer3

Sikeres ping! 1.1.1.1 40 msec 56 msec 56 msec

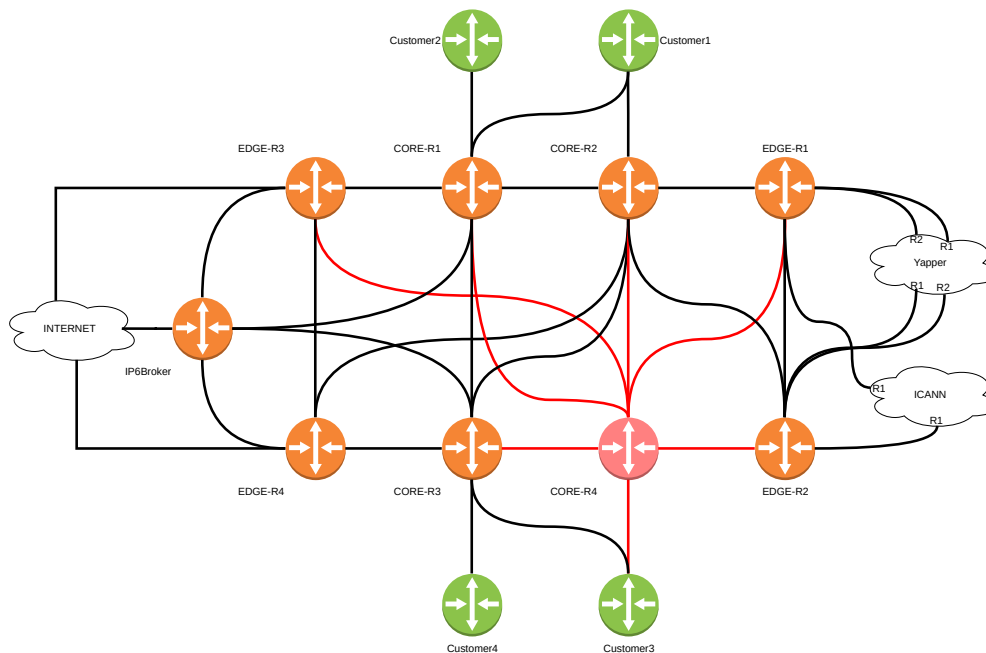


## MAGENTUS-Customer4

Sikeres ping! 1.1.1.1 96 msec 76 msec 92 msec

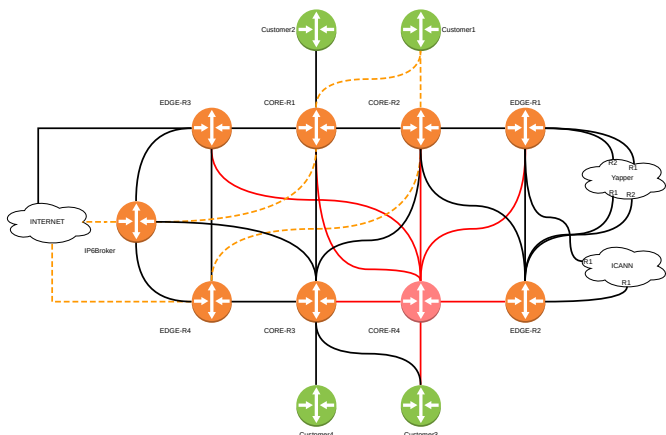


# Hiba szimuláció: MAGENTUS-CORE-R4



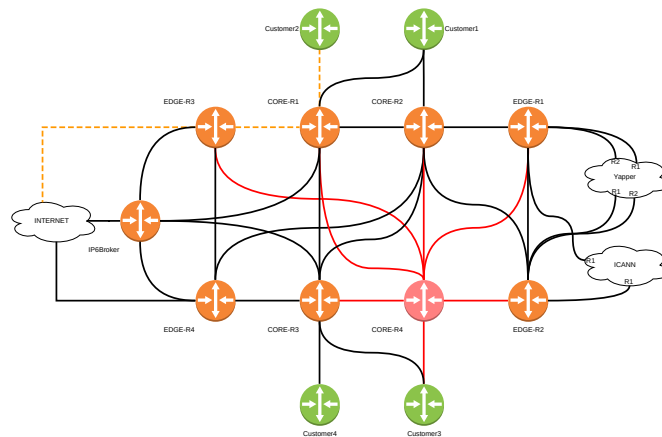
## MAGENTUS-Customer1 ✓

Sikeres ping! 1.1.1.1 20 msec 40 msec 24 msec



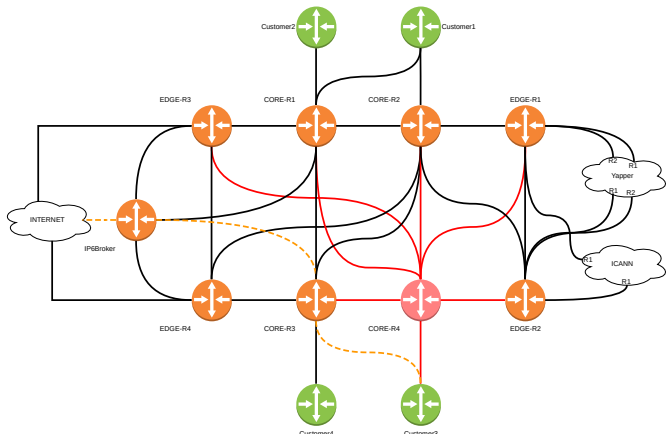
## MAGENTUS-Customer2 ✓

Sikeres ping! 1.1.1.1 40 msec



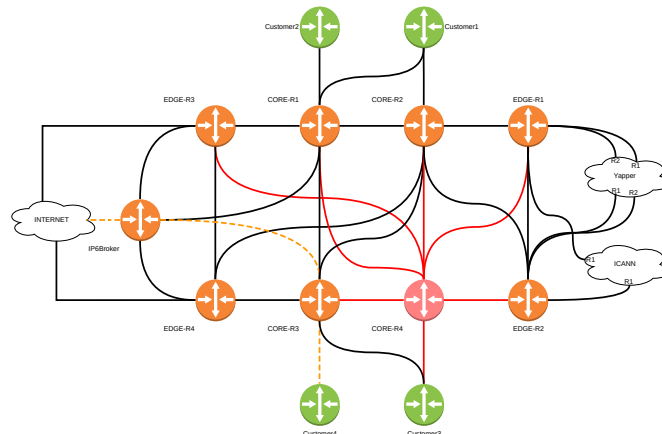
## MAGENTUS-Customer3 ✓

Sikeres ping! 1.1.1.1 24 msec

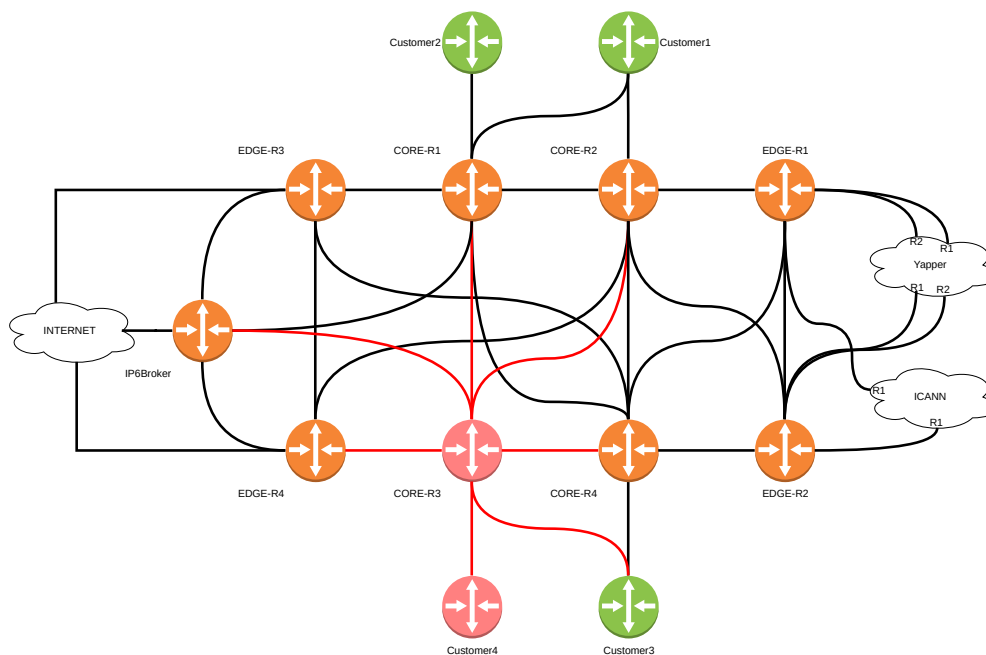


## MAGENTUS-Customer4 ✓

Sikeres ping! 1.1.1.1 24 msec

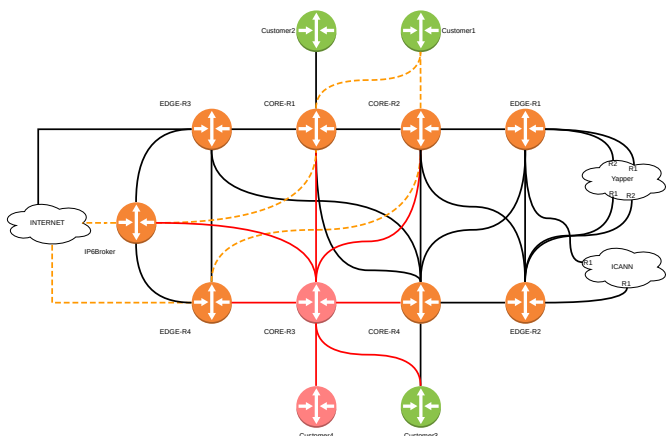


# Hiba szimuláció: MAGENTUS-CORE-R3



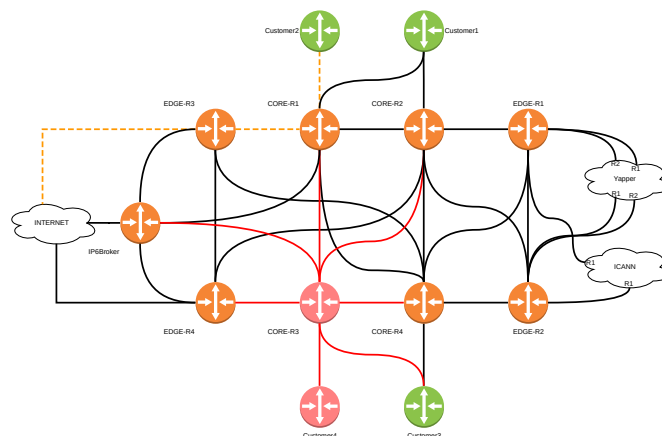
## MAGENTUS-Customer1 ✓

Sikeres ping! 1.1.1.1 12 msec



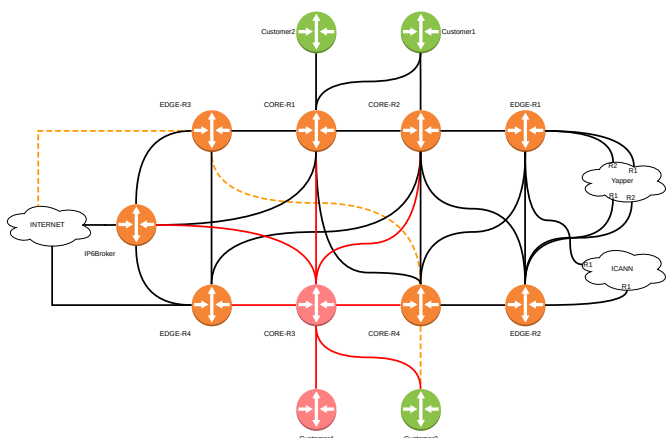
## MAGENTUS-Customer2 ✓

Sikeres ping! 1.1.1.1 12 msec



## MAGENTUS-Customer3 ✓

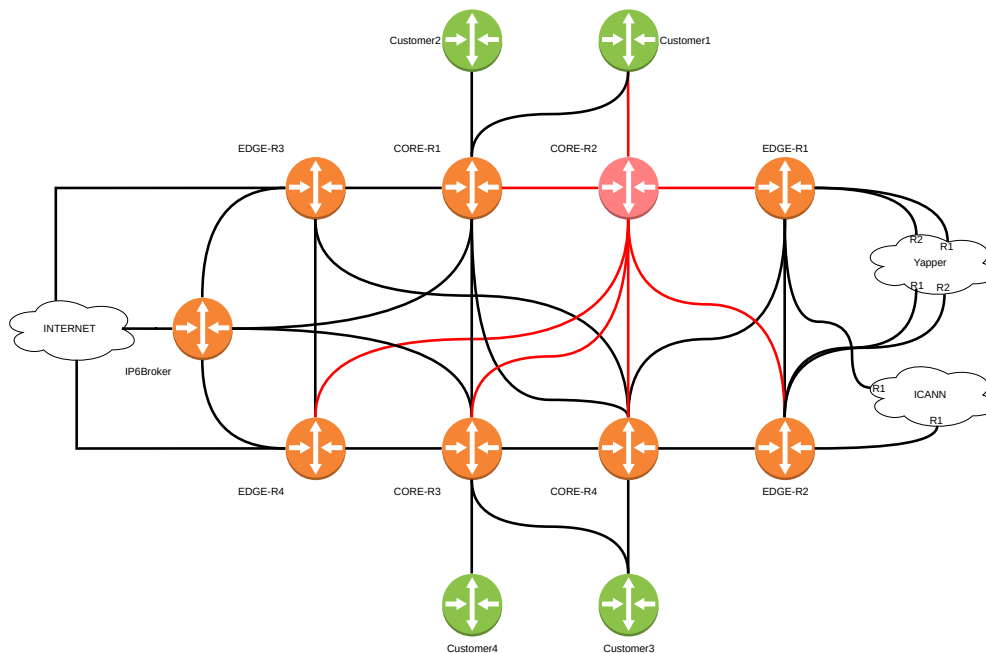
Sikeres ping! 1.1.1.1 28 msec 32 msec



## MAGENTUS-Customer4 ✗

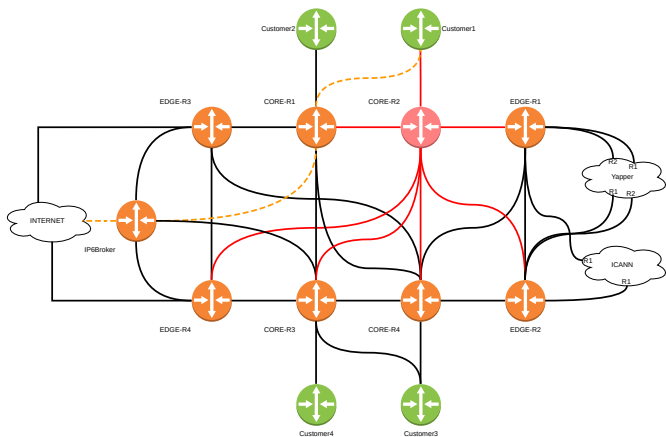
Sikertelen ping!

# Hiba szimuláció: MAGENTUS-CORE-R2



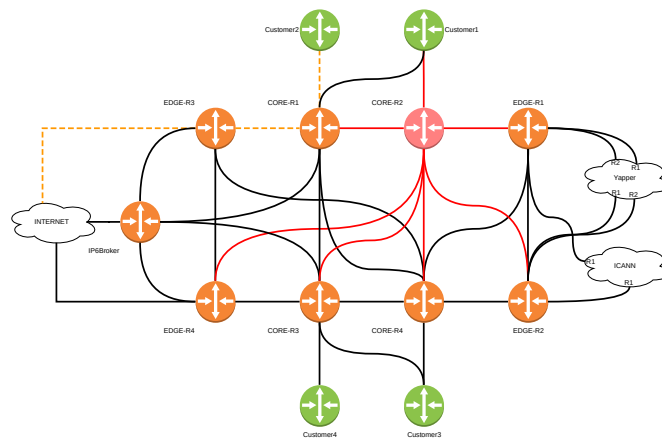
## MAGENTUS-Customer1

Sikeres ping! 1.1.1.1 12 msec



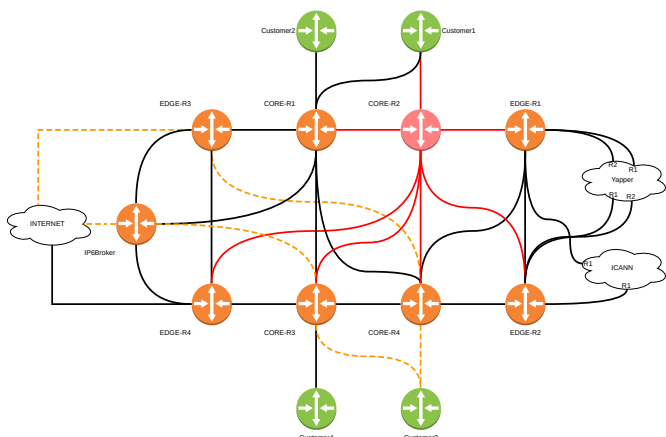
## MAGENTUS-Customer2

Sikeres ping! 1.1.1.1 40 msec 36 msec 40 msec



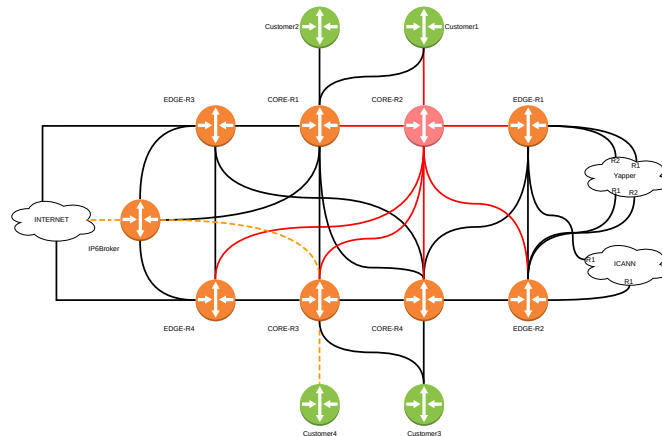
## MAGENTUS-Customer3

Sikeres ping! 1.1.1.1 36 msec 32 msec 28 msec

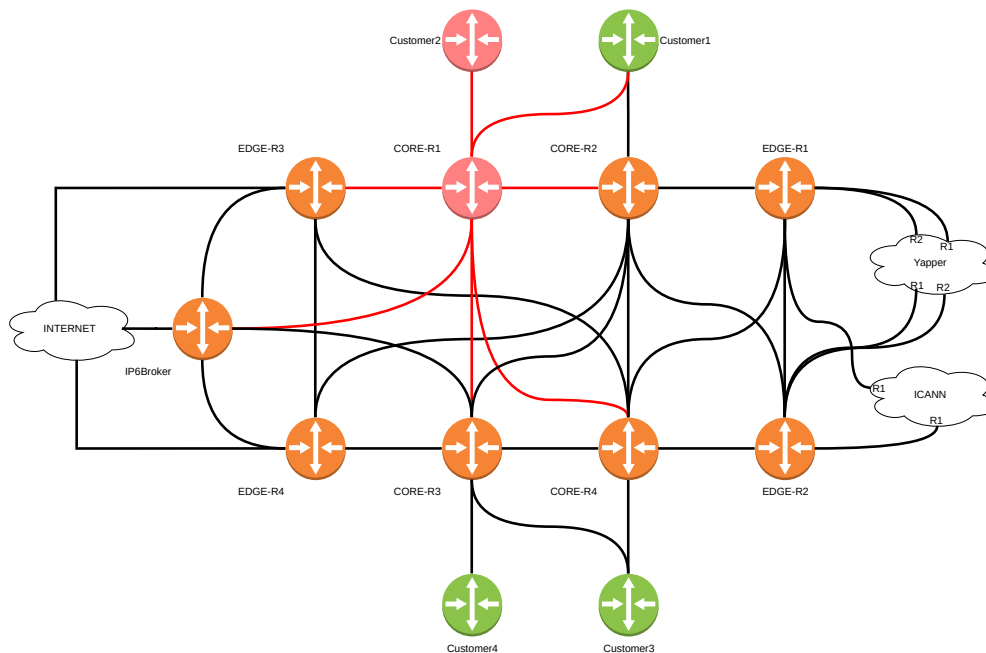


## MAGENTUS-Customer4

Sikeres ping! 1.1.1.1 48 msec



# Hiba szimuláció: MAGENTUS-CORE-R1

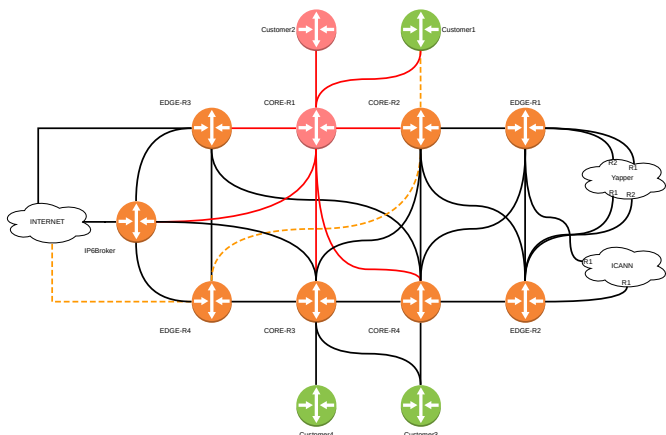


## MAGENTUS-Customer1 ✓

Sikeres ping! 1.1.1.1 4 msec 28 msec 32 msec

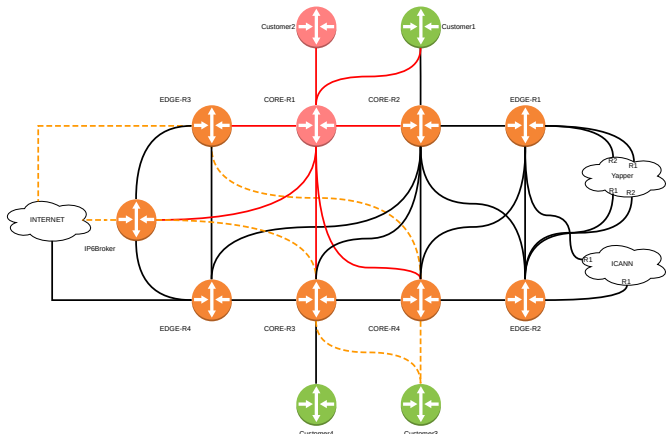
## MAGENTUS-Customer2 ✗

Sikertelen ping!



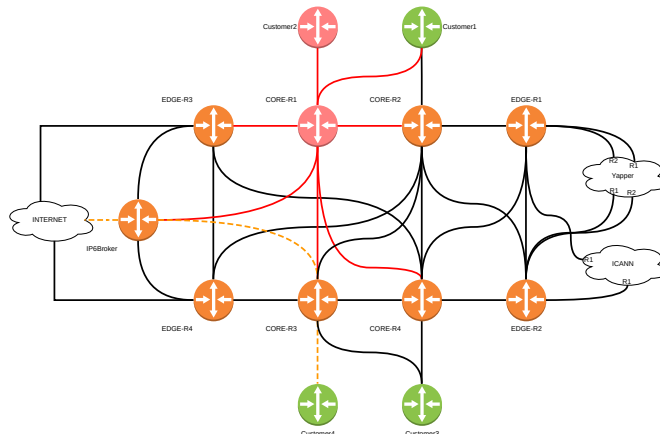
## MAGENTUS-Customer3 ✓

Sikeres ping! 1.1.1.1 16 msec

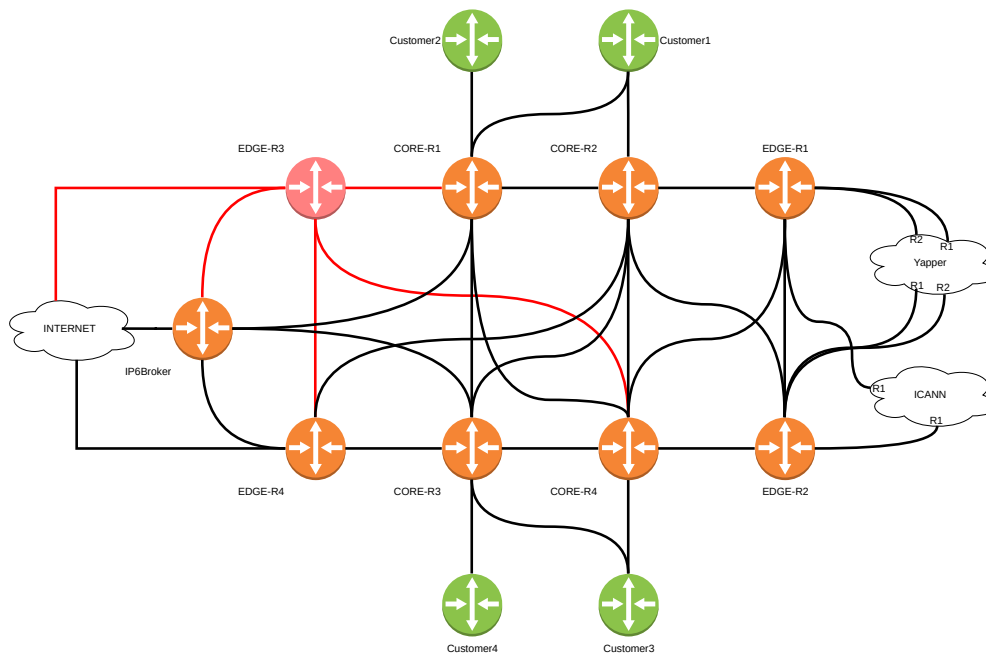


## MAGENTUS-Customer4 ✓

Sikeres ping! 1.1.1.1 12 msec



# Hiba szimuláció: MAGENTUS-EDGE-R3

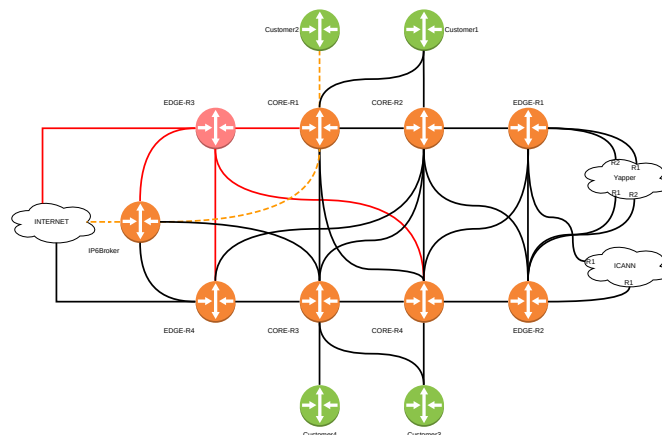
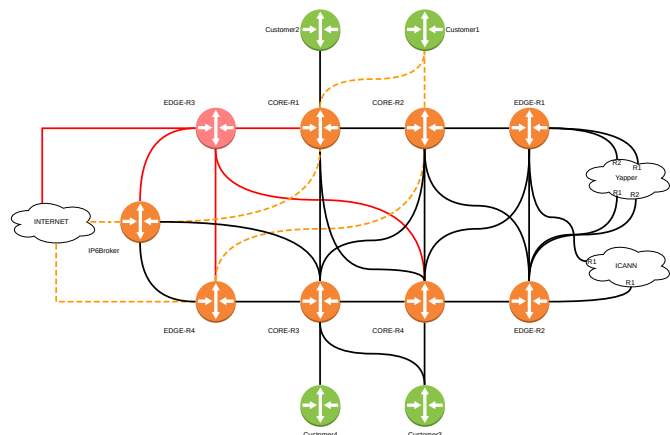


## MAGENTUS-Customer1

Sikeres ping! 1.1.1.1 24 msec 44 msec 12 msec

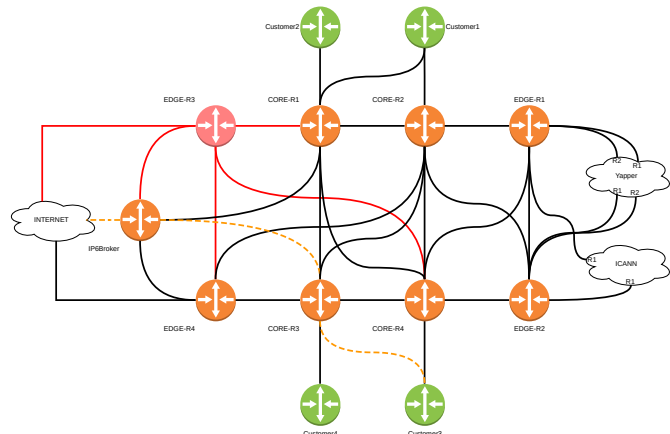
## MAGENTUS-Customer2

Sikeres ping! 1.1.1.1 32 msec 24 msec 20 msec



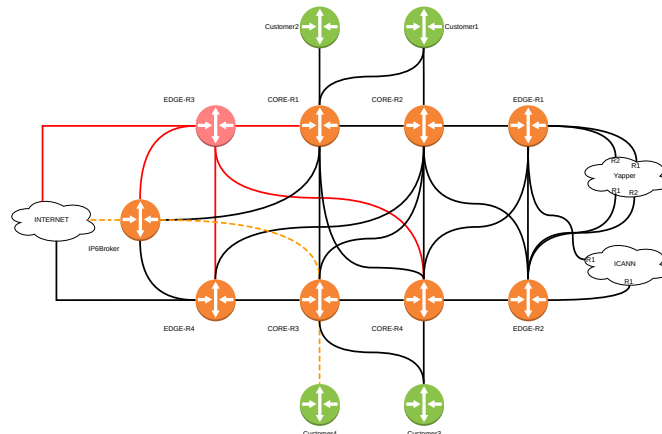
## MAGENTUS-Customer3

Sikeres ping! 1.1.1.1 28 msec 16 msec

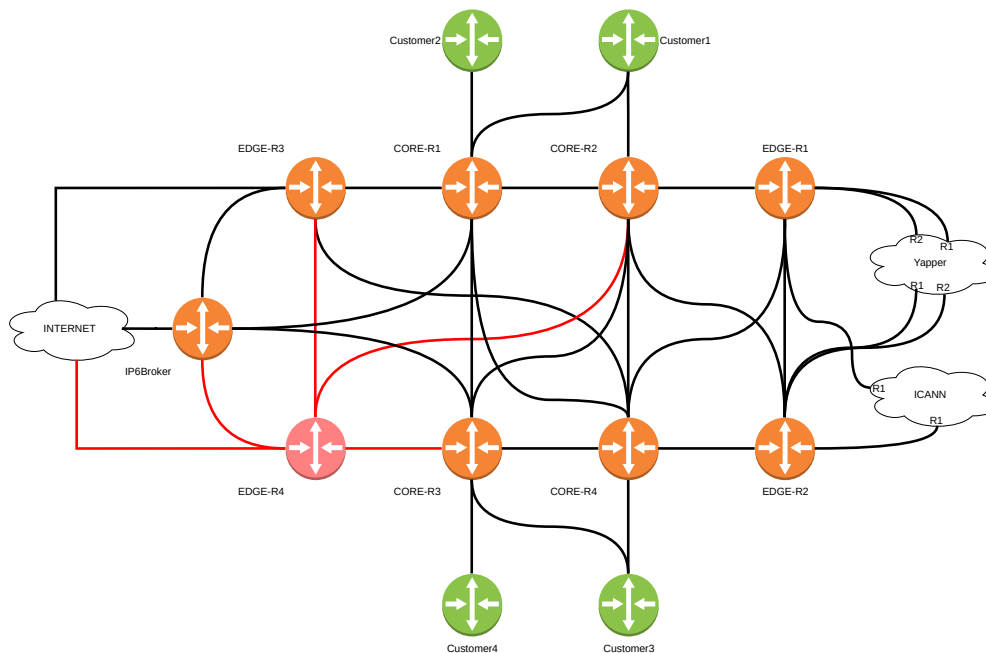


## MAGENTUS-Customer4

Sikeres ping! 1.1.1.1 28 msec



# Hiba szimuláció: MAGENTUS-EDGE-R4

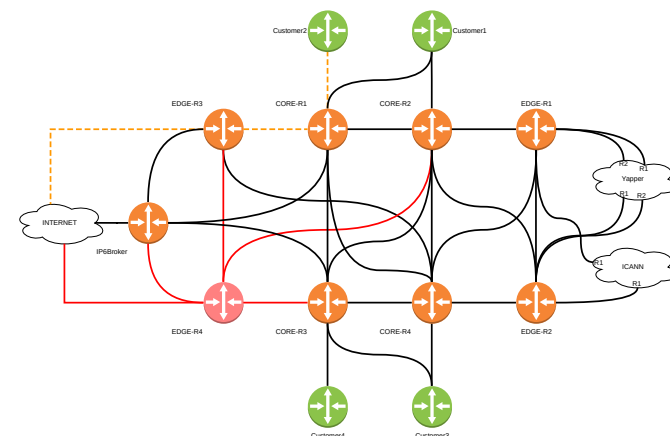
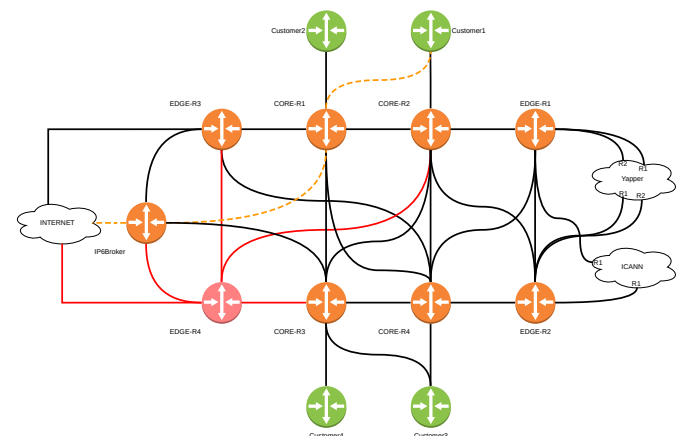


## MAGENTUS-Customer1 ✓

Sikeres ping! 1.1.1.1 16 msec 24 msec

## MAGENTUS-Customer2 ✓

Sikeres ping! 1.1.1.1 16 msec 28 msec

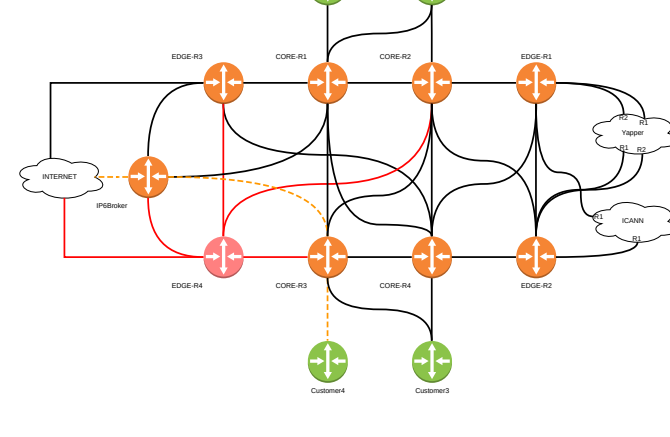
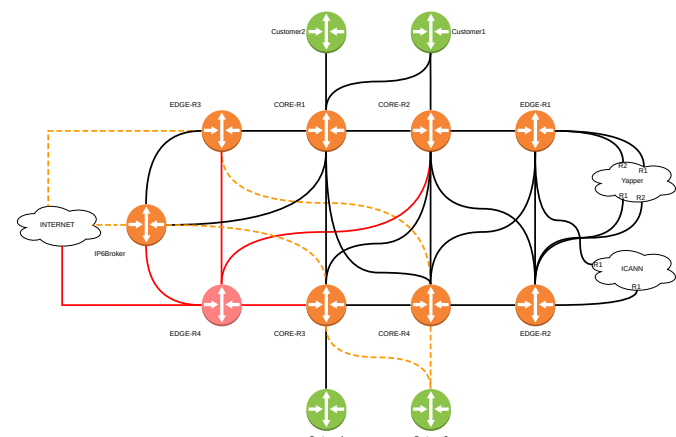


## MAGENTUS-Customer3 ✓

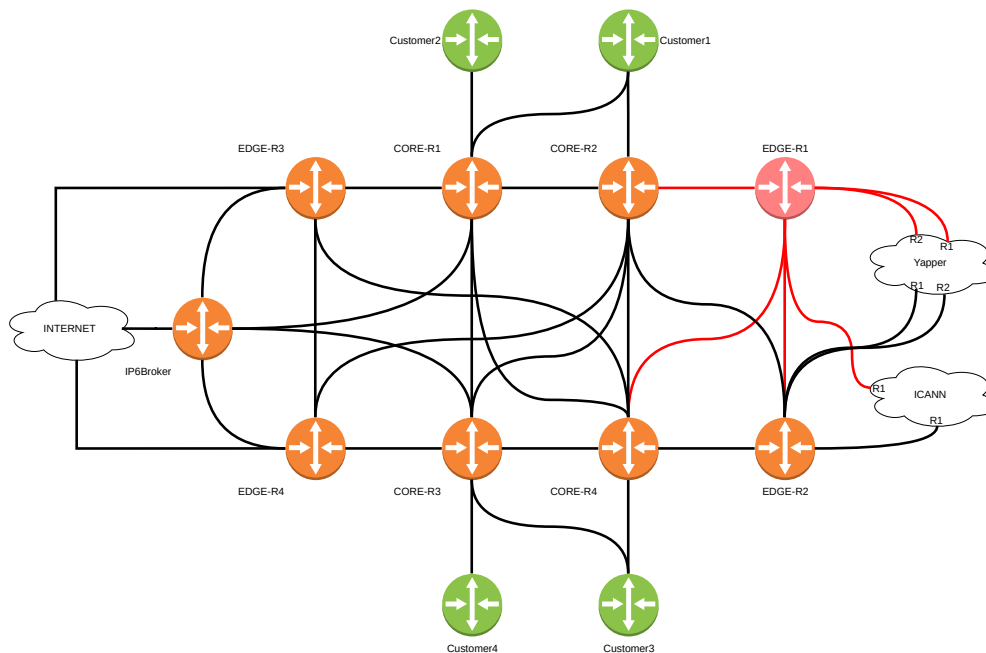
Sikeres ping! 1.1.1.1 24 msec 64 msec 12 msec

## MAGENTUS-Customer4 ✓

Sikeres ping! 1.1.1.1 16 msec 20 msec

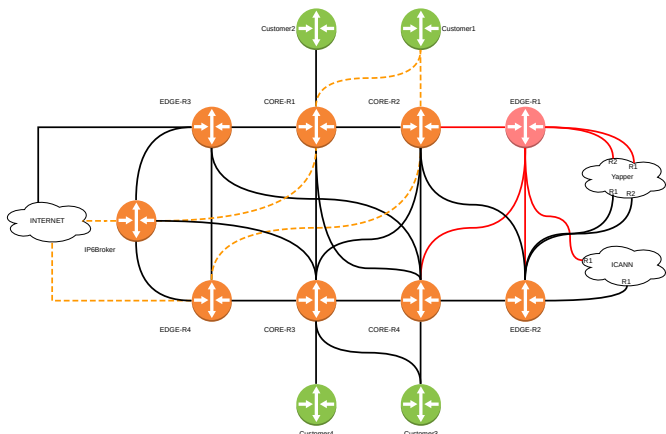


# Hiba szimuláció: MAGENTUS-EDGE-R1



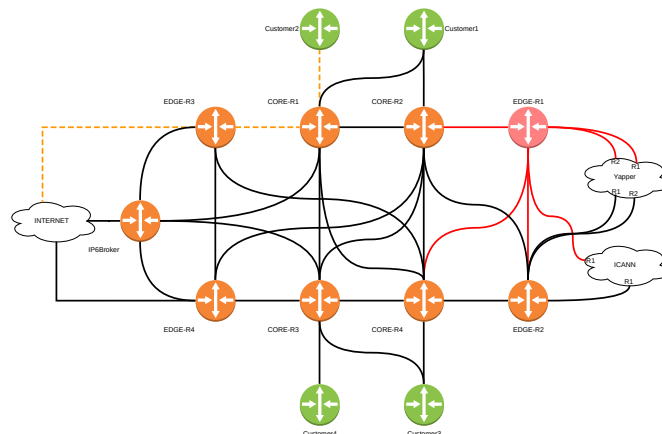
## MAGENTUS-Customer1

Sikeres ping! 1.1.1.1 28 msec



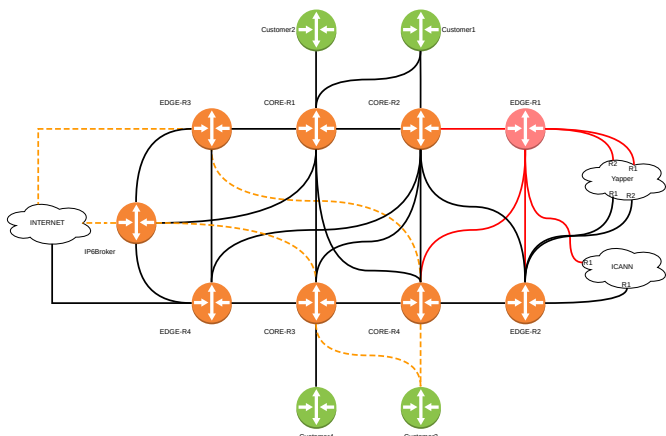
## MAGENTUS-Customer2

Sikeres ping! 1.1.1.1 20 msec



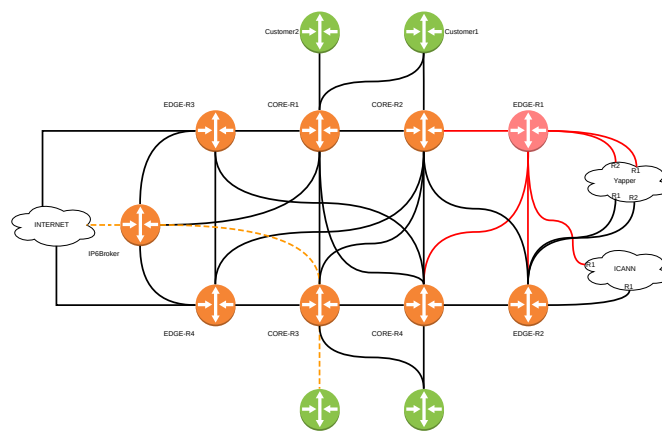
## MAGENTUS-Customer3

Sikeres ping! 1.1.1.1 28 msec 32 msec

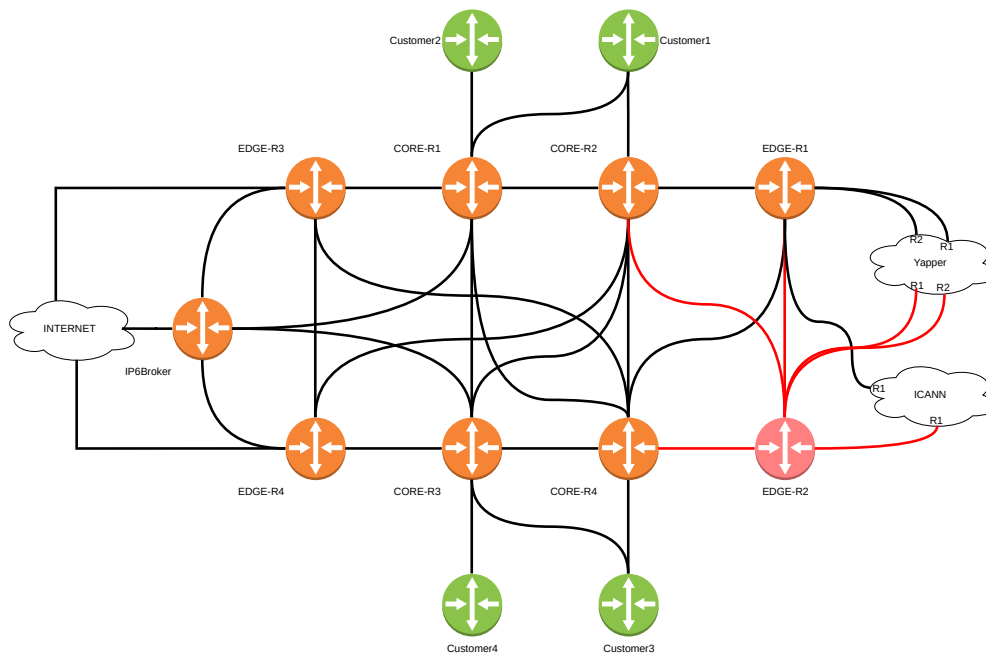


## MAGENTUS-Customer4

Sikeres ping! 1.1.1.1 28 msec 28 msec 24 msec

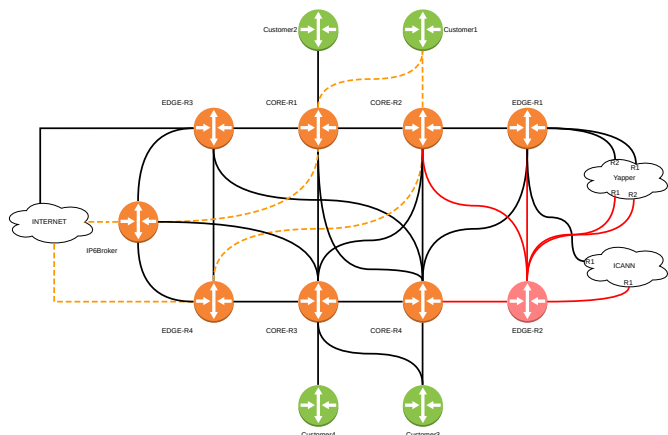


# Hiba szimuláció: MAGENTUS-EDGE-R2



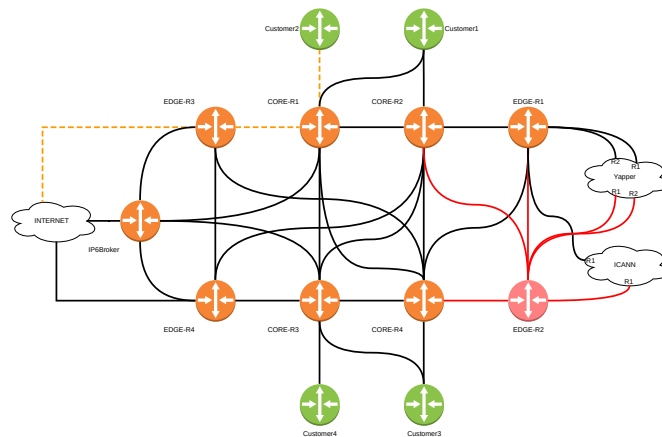
## MAGENTUS-Customer1 ✓

Sikeres ping! 1.1.1.1 12 msec 44 msec 8 msec



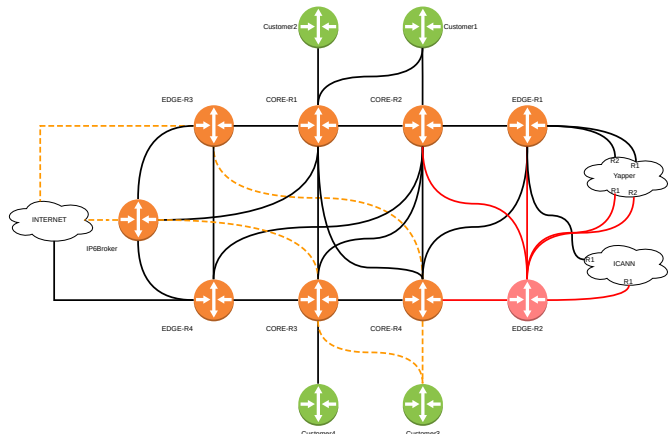
## MAGENTUS-Customer2 ✓

Sikeres ping! 1.1.1.1 40 msec



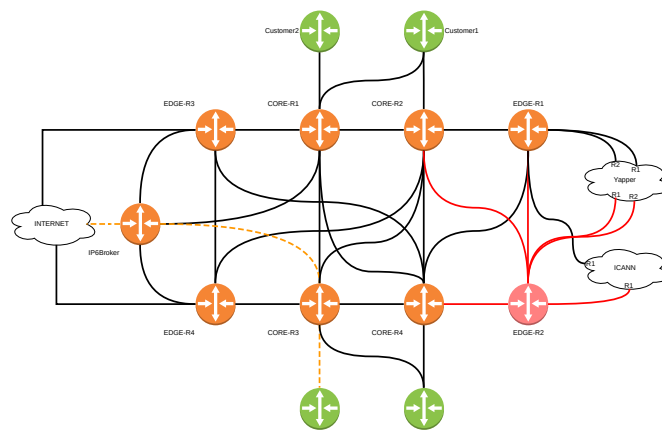
## MAGENTUS-Customer3 ✓

Sikeres ping! 1.1.1.1 40 msec

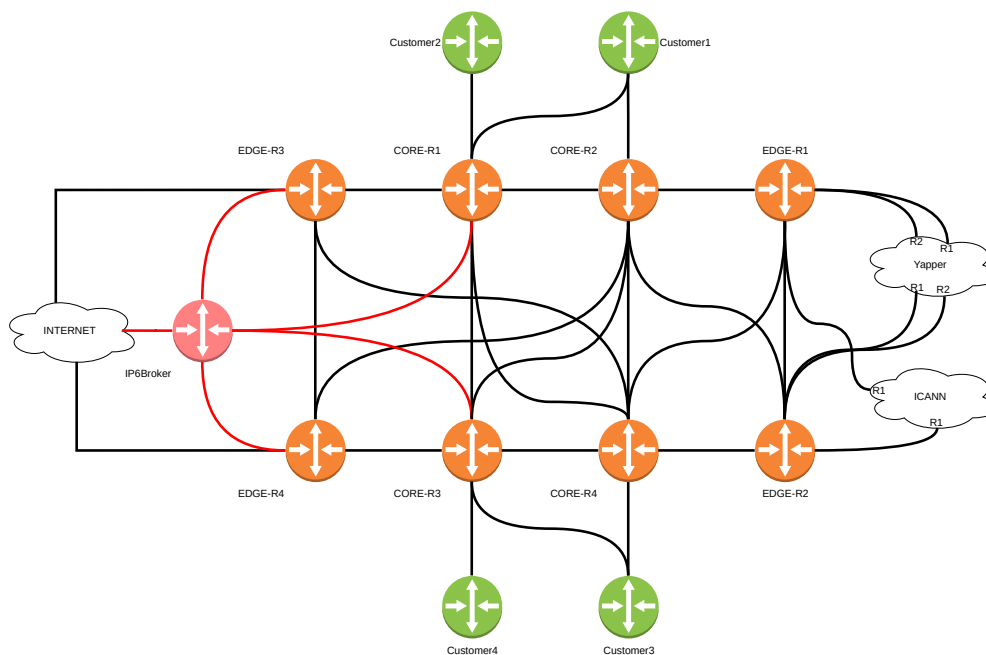


## MAGENTUS-Customer4 ✓

Sikeres ping! 1.1.1.1 4 msec 28 msec 28 msec

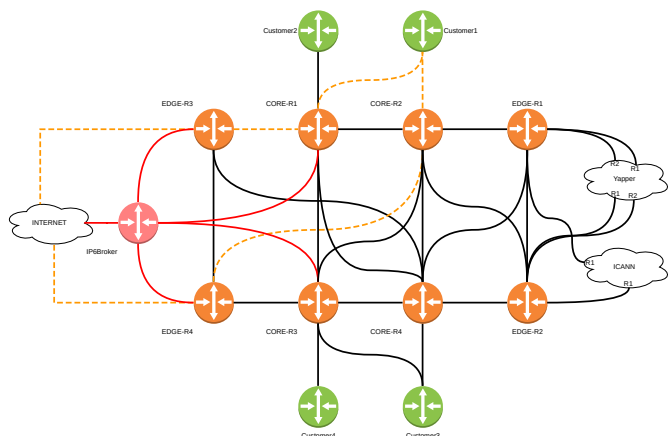


# Hiba szimuláció: MAGENTUS-EDGE-IP6Broker



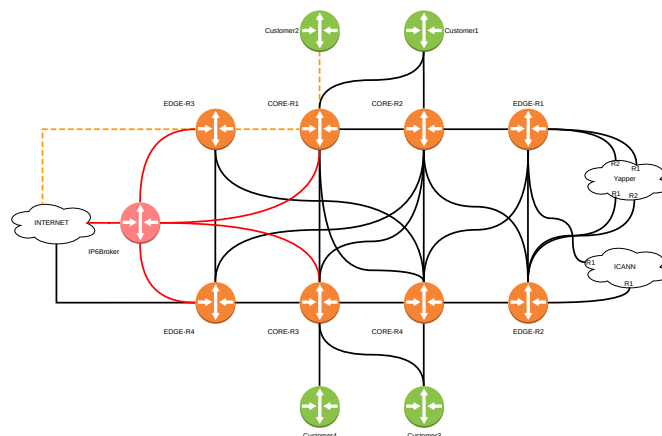
## MAGENTUS-Customer1 ✓

Sikeres ping! 1.1.1.1 16 msec



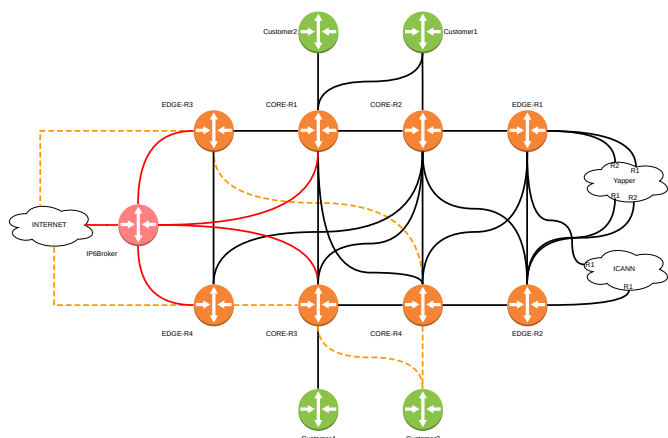
## MAGENTUS-Customer2 ✓

Sikeres ping! 1.1.1.1 32 msec 28 msec



## MAGENTUS-Customer3 ✓

Sikeres ping! 1.1.1.1 68 msec



## MAGENTUS-Customer4 ✓

Sikeres ping! 1.1.1.1 40 msec

