

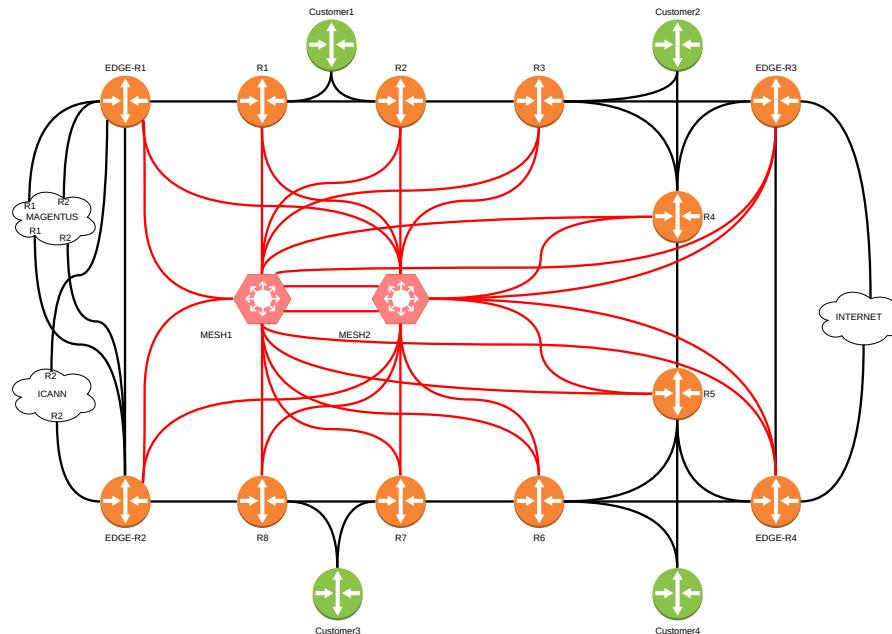
Yapper "Component Fault" tesztelési jegyzőkönyv

Dátum: 2026. 02. 02.

A dokumentum célja: A Yapper ISP hálózatban fellépő "single component fault" (egy komponens meghibásodása) esemény hatásainak bemutatása és tesztelése. A vizsgálat során az Ügyfél (Customer) routerén futtatott traceroute 1.1.1.1 parancssal ellenőrizzük az útvonalválasztást.

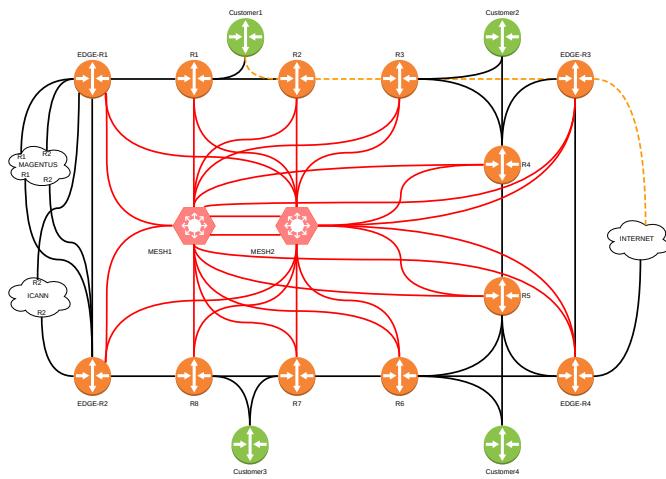
Jelmagyarázat: Az ábrákon a meghibásodott linket **piros vonal**, míg a traceroute által felderített aktív útvonalat **sárga szaggatott vonal** jelöli.

Hiba szimuláció: MESH1 és MESH2 párhuzamos meghibásodása



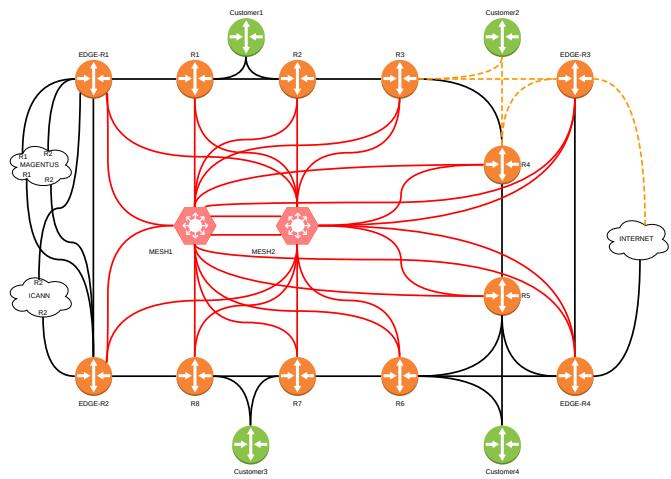
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 60ms



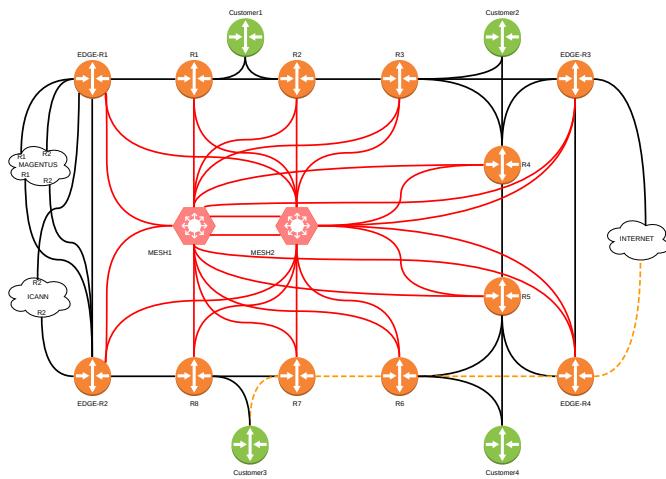
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 48ms



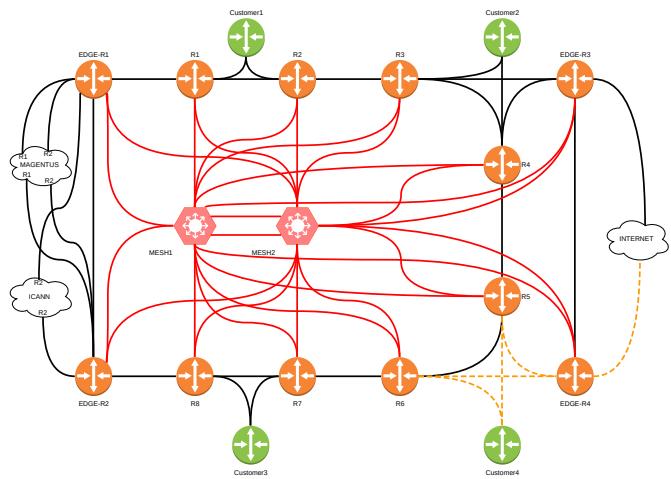
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 56ms

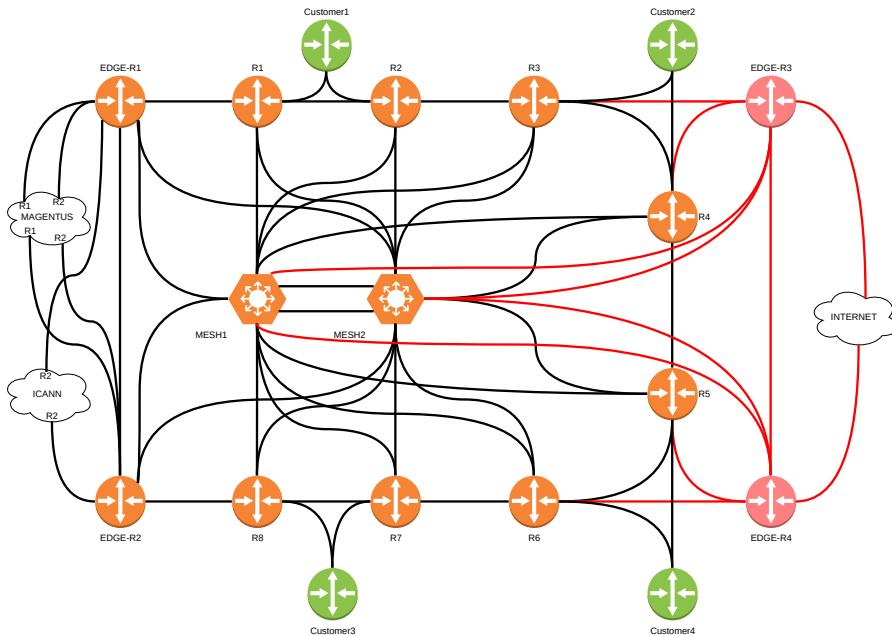


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 52ms 44ms

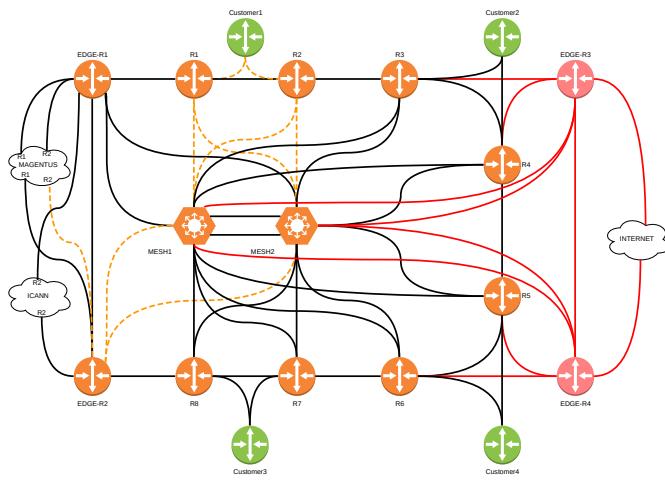


Hiba szimuláció: Internet meghibásodás



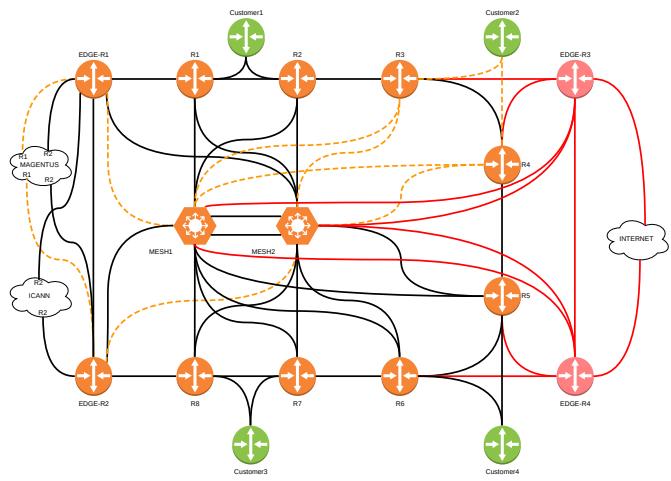
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 64ms



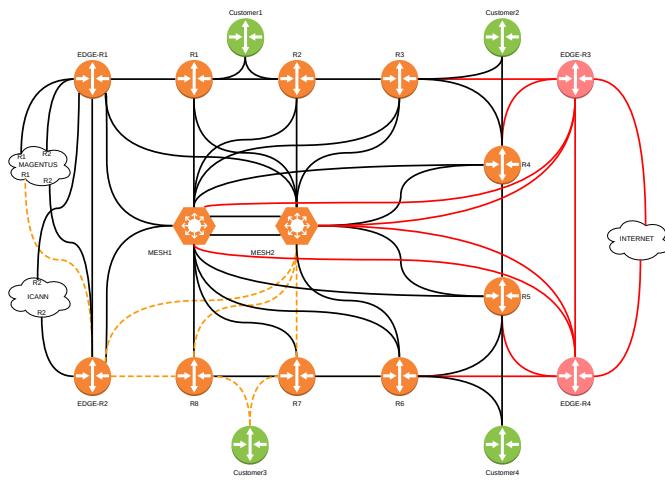
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 44ms 48ms



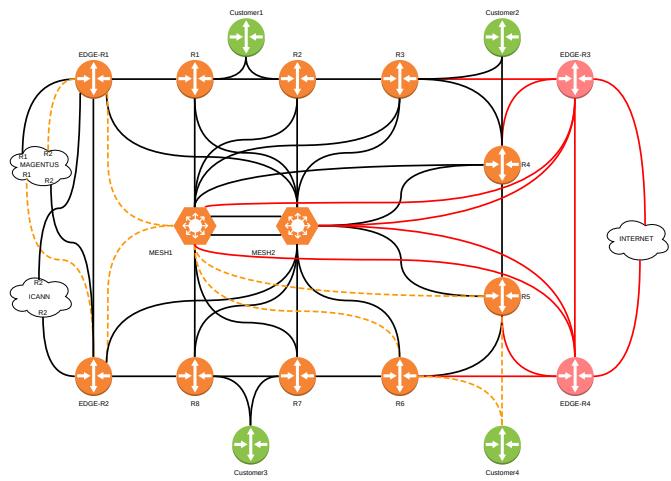
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 48ms

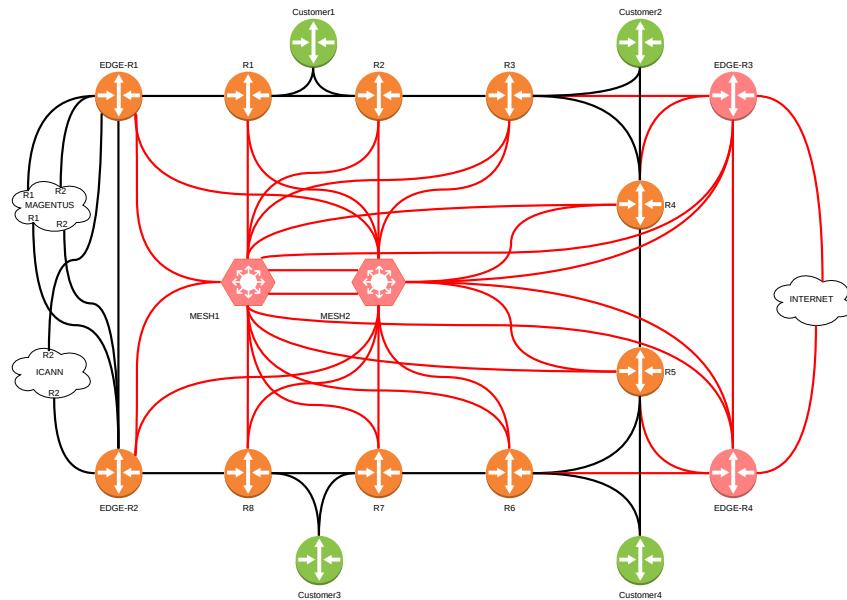


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 52ms

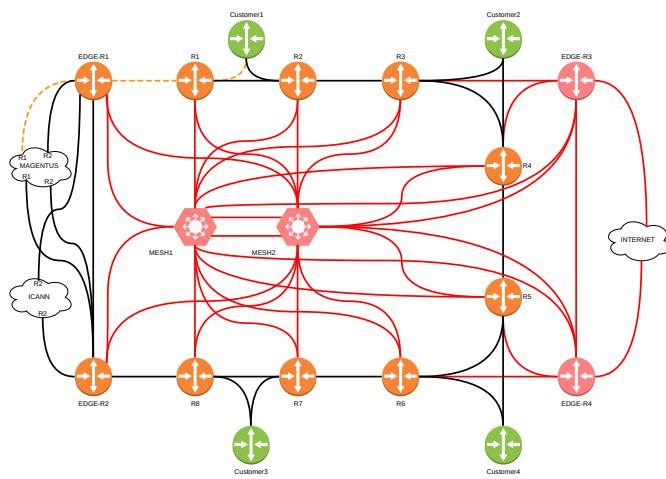


Hiba szimuláció: MESH és internet párhuzamos meghibásodása



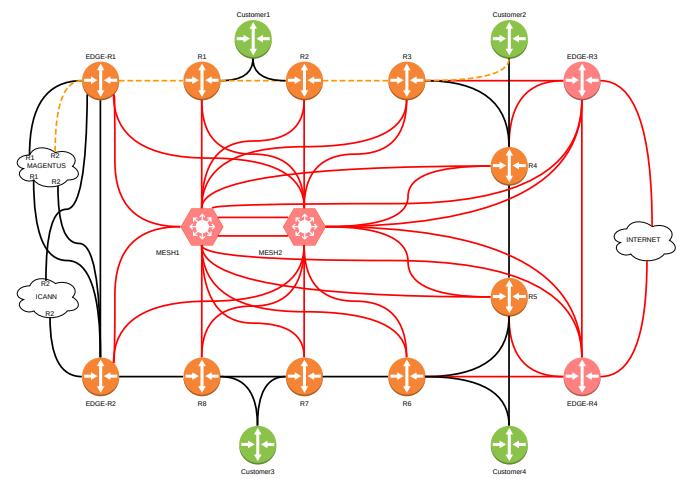
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 100ms 44ms



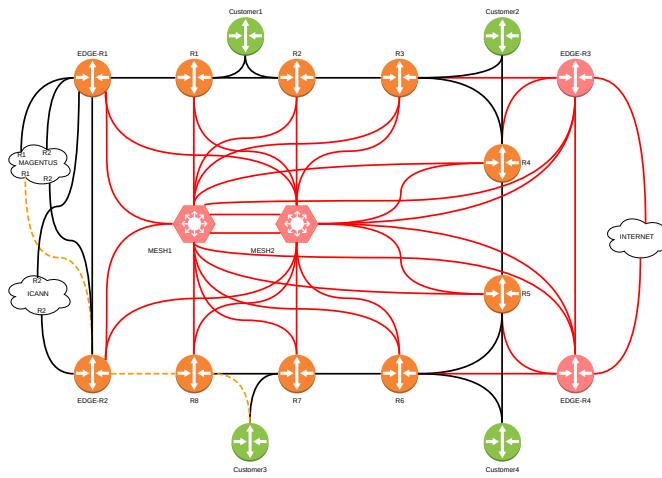
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 72ms 72ms



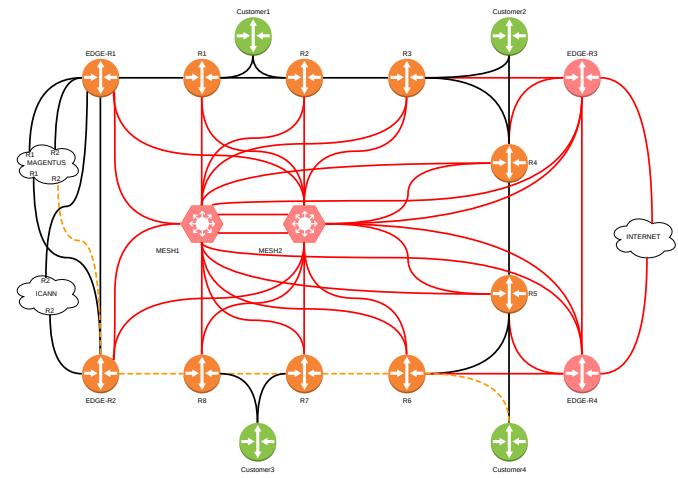
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 112ms

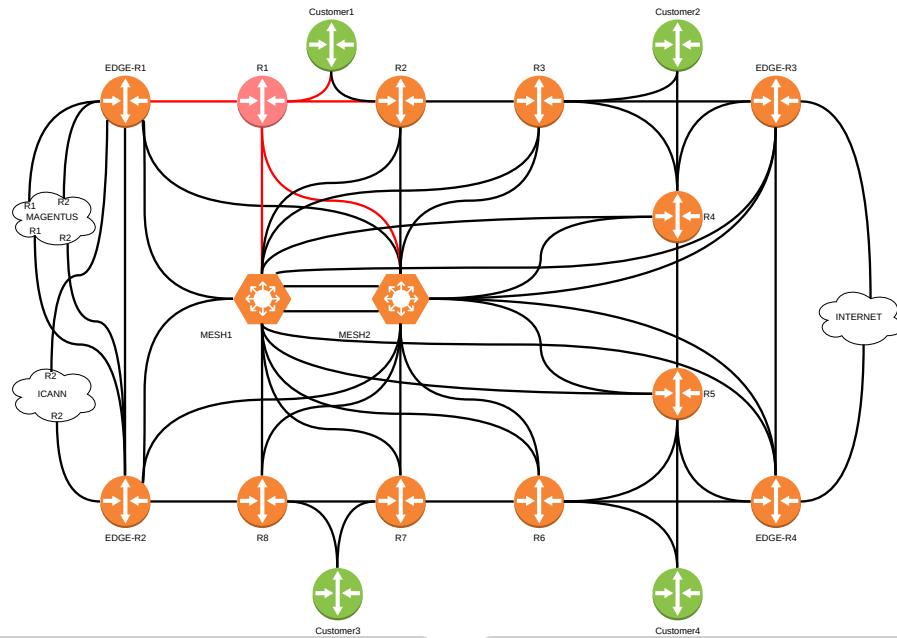


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 76ms 72ms

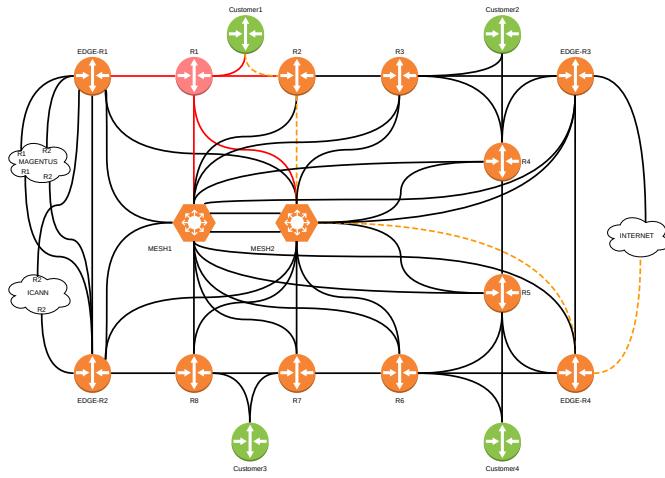


Hiba szimuláció: YAPPER-R1



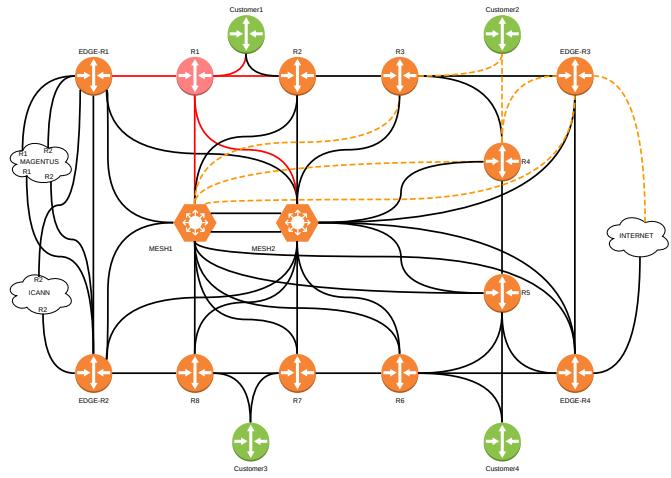
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 44ms



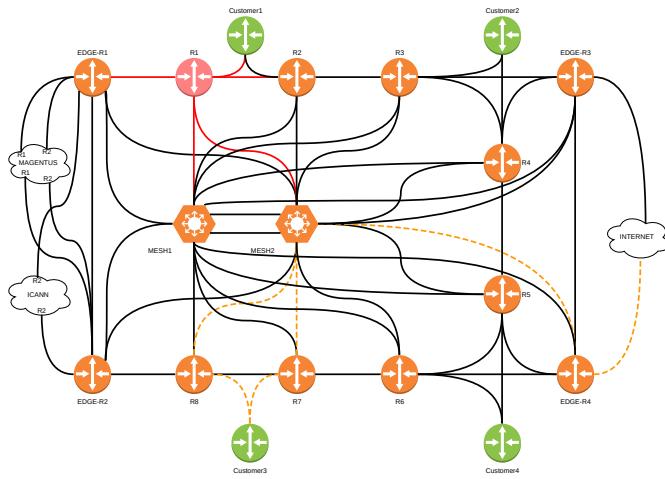
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 52ms



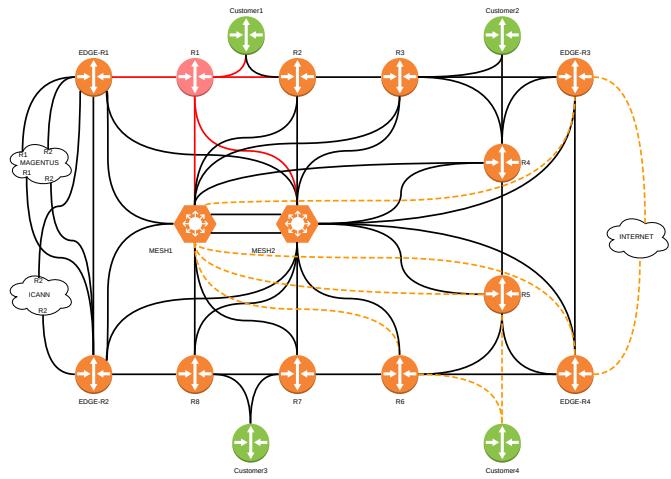
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 56ms 44ms 44ms

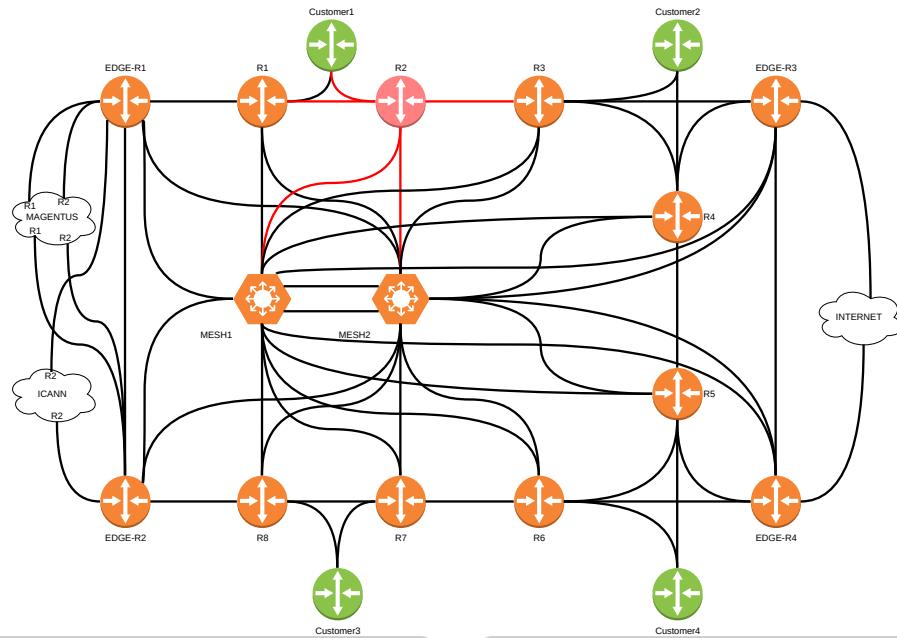


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 56ms

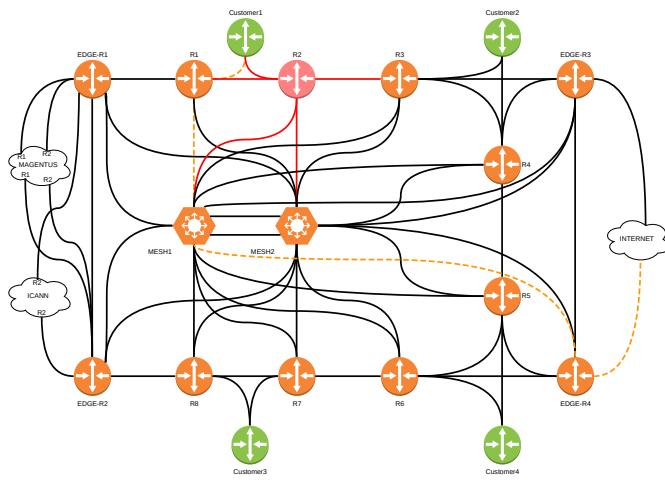


Hiba szimuláció: YAPPER-R2



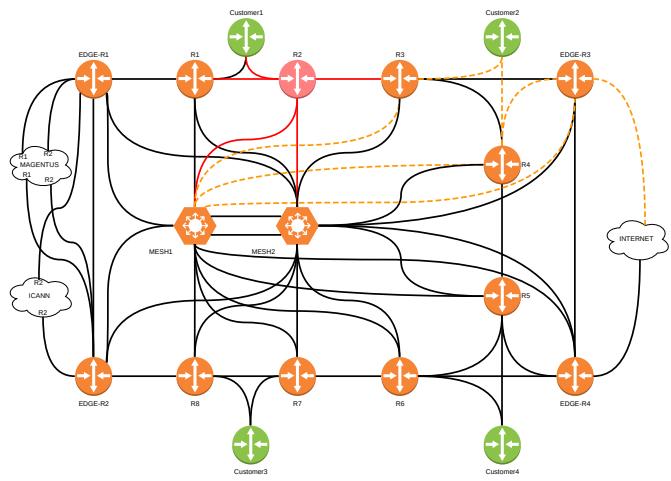
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 56ms 52ms



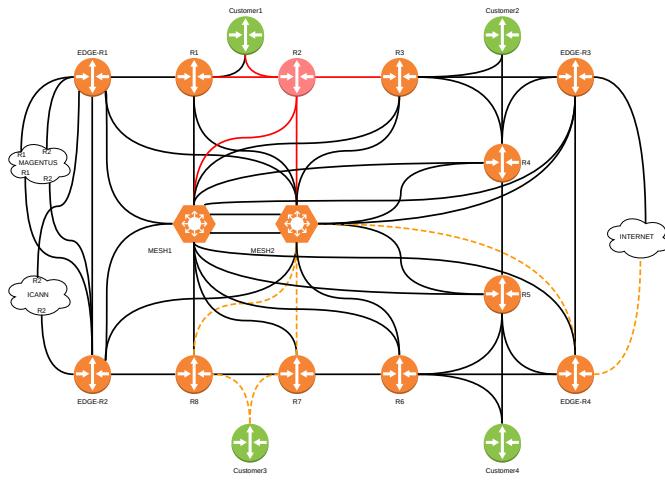
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 124ms 52ms



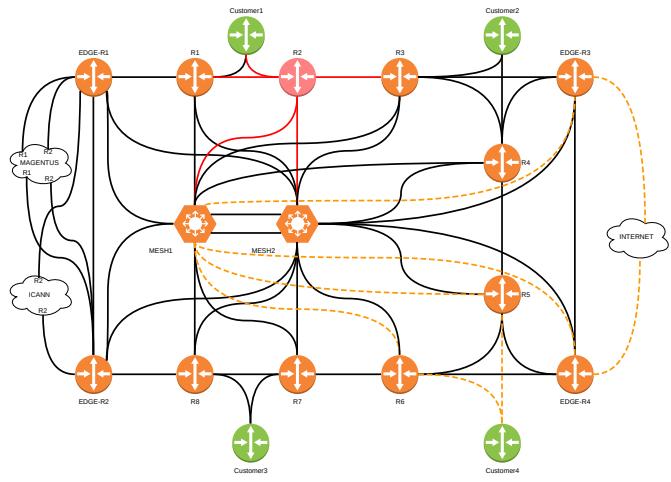
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 56ms 64ms 56ms

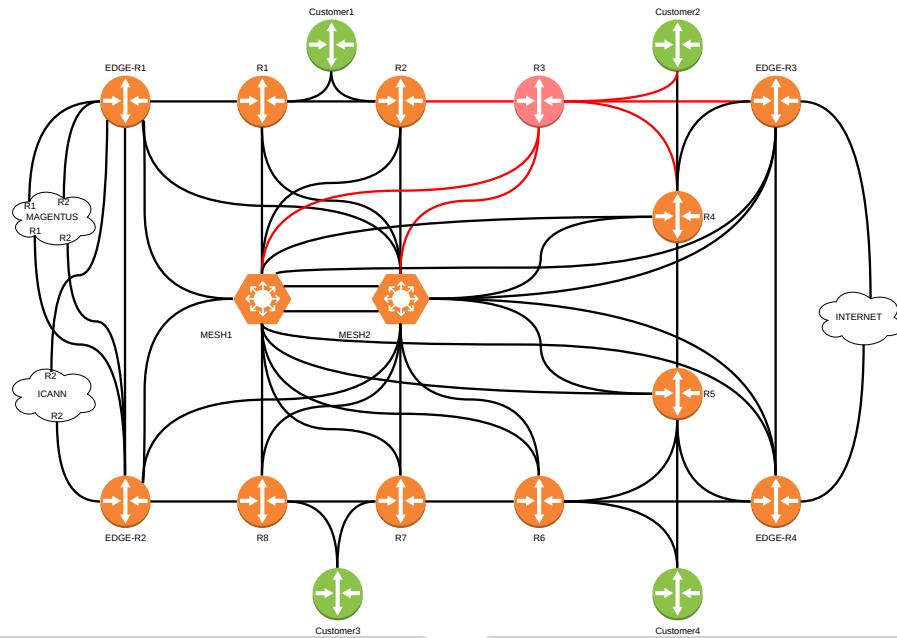


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 60ms 64ms

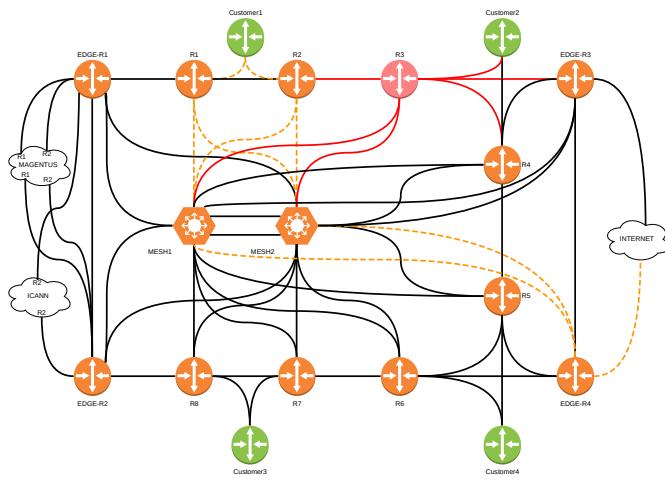


Hiba szimuláció: YAPPER-R3



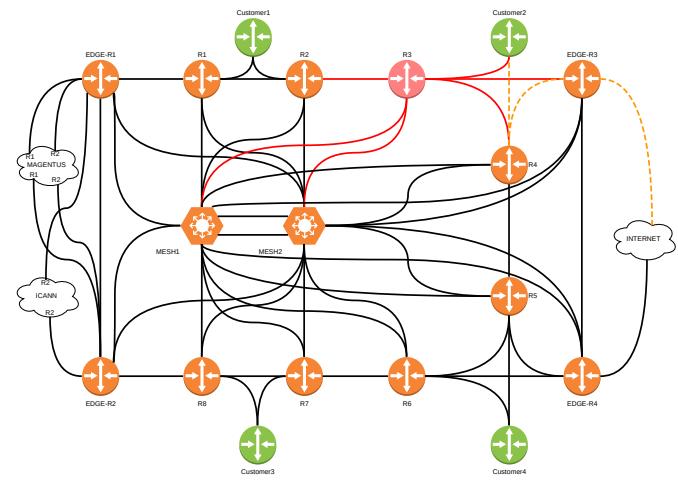
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 80ms 48ms



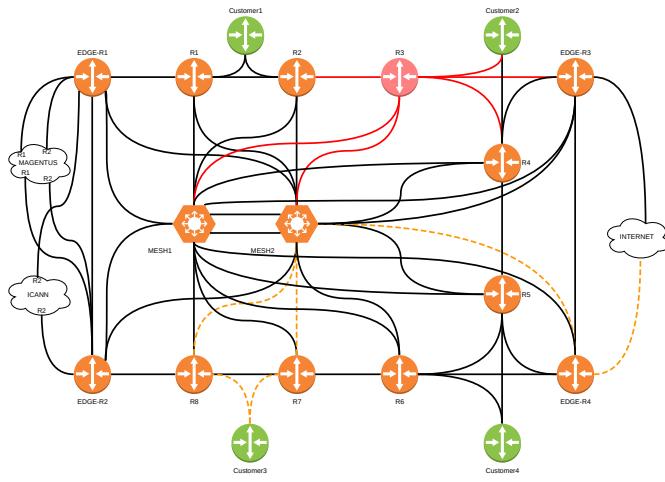
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 48ms



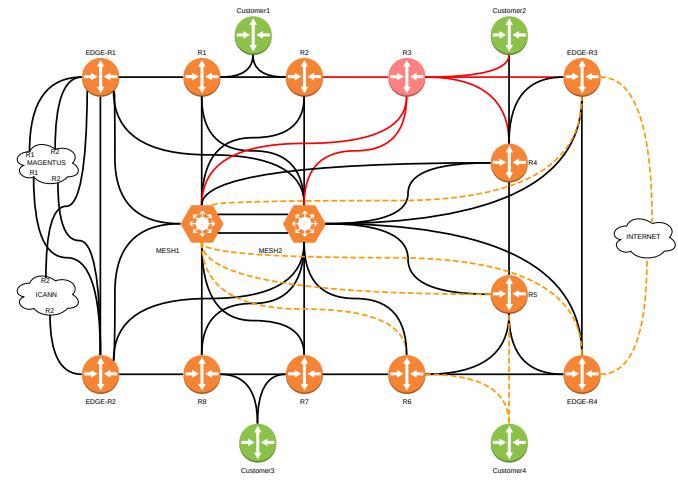
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 48ms 76ms

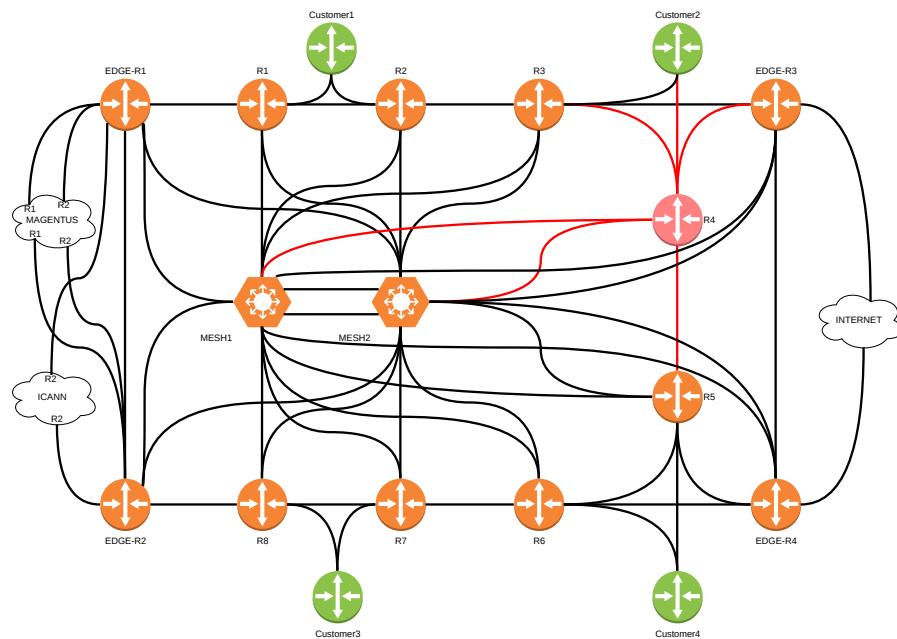


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 76ms

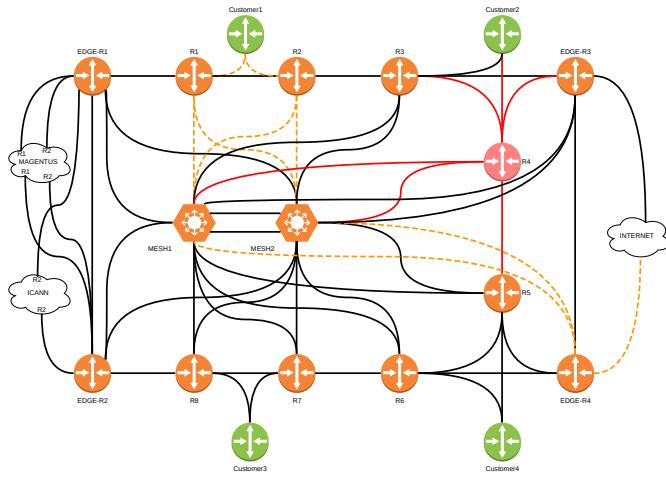


Hiba szimuláció: YAPPER-R4



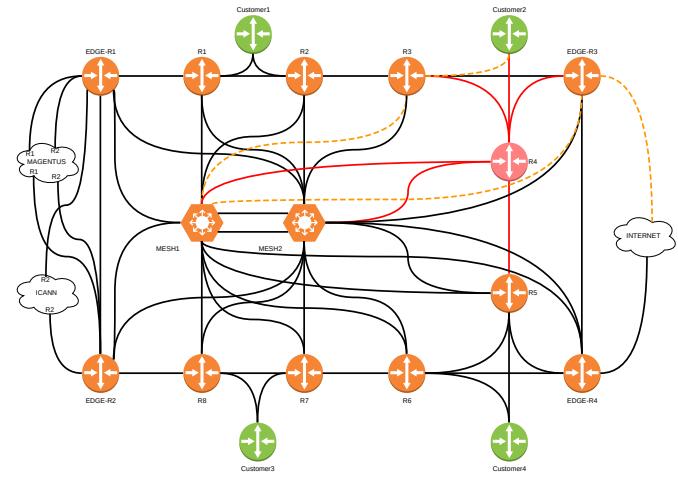
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 44ms



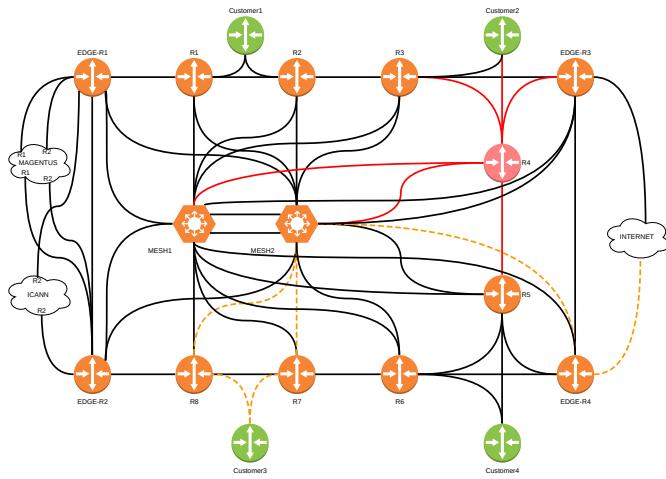
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 68ms 44ms 72ms



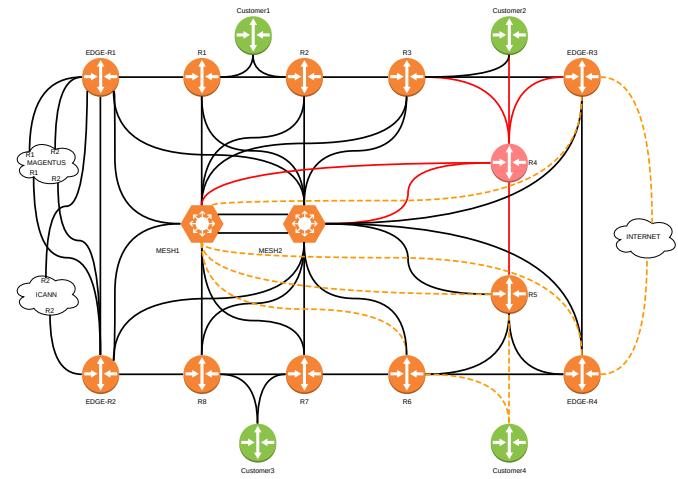
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 52ms 52ms

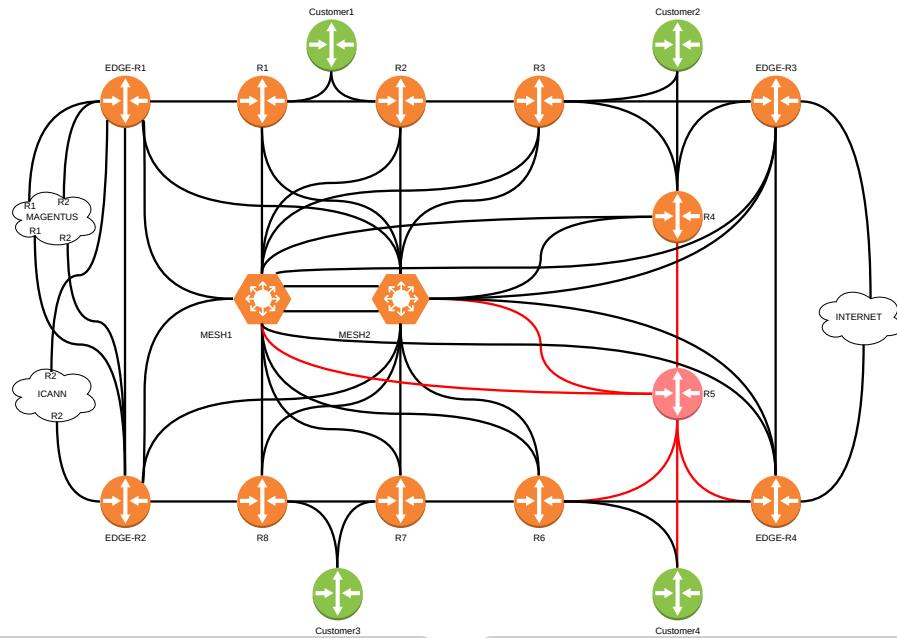


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 64ms

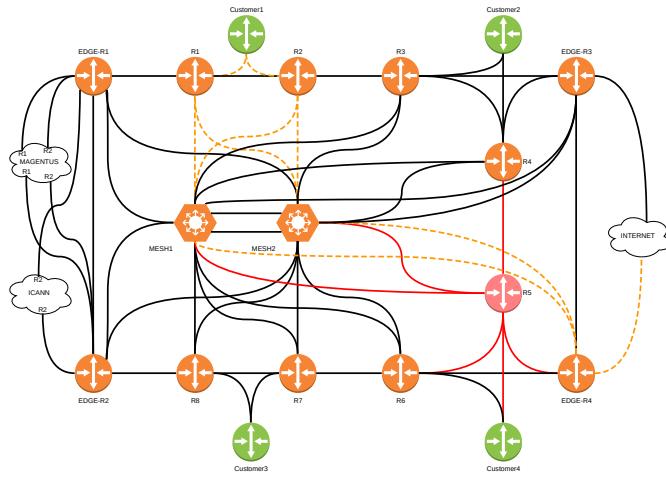


Hiba szimuláció: YAPPER-R5



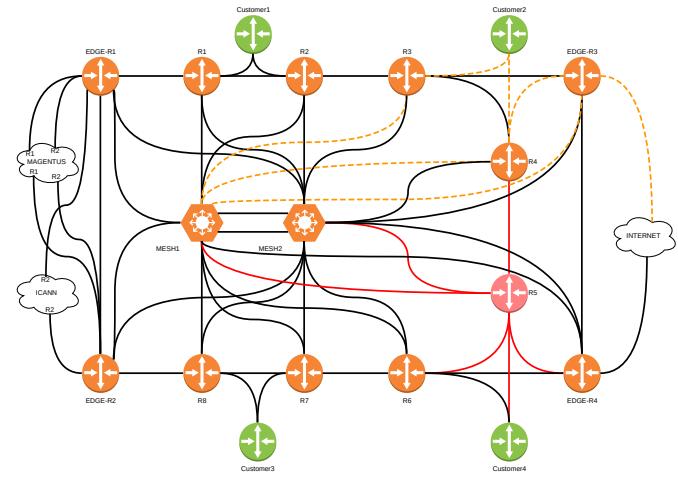
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 48ms 84ms 48ms



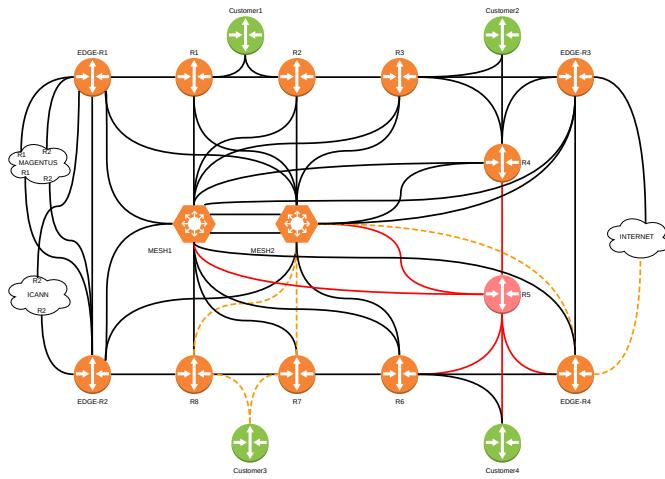
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 84ms 48ms 56ms



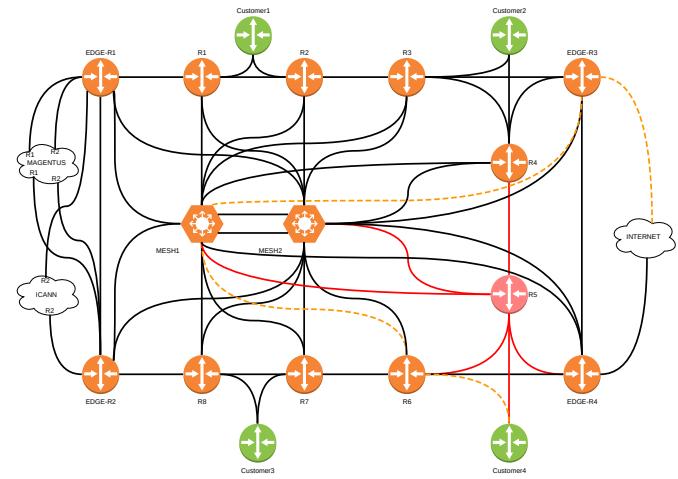
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 80ms 60ms 56ms

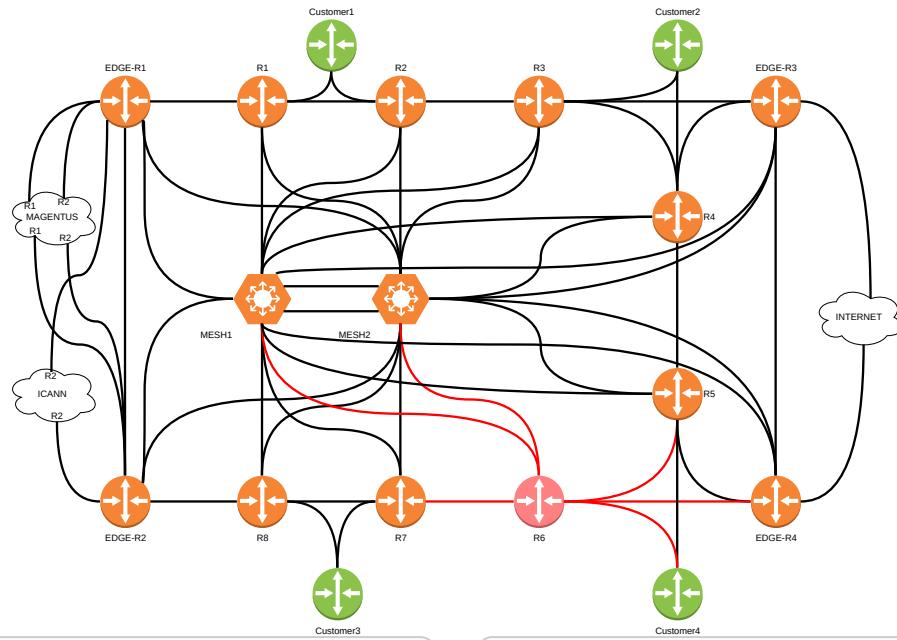


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 68ms 60ms

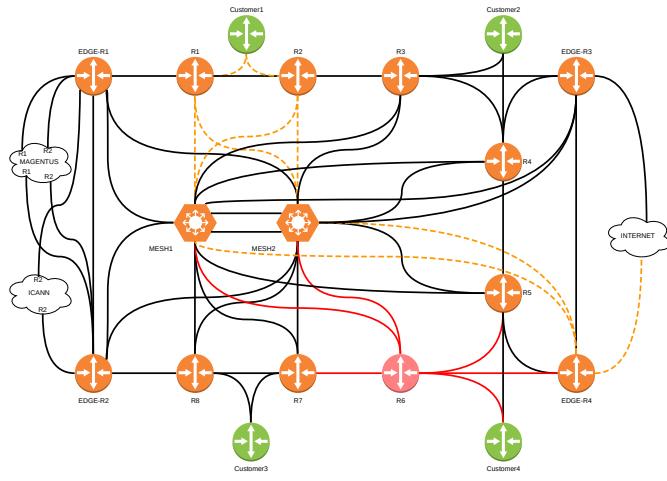


Hiba szimuláció: YAPPER-R6



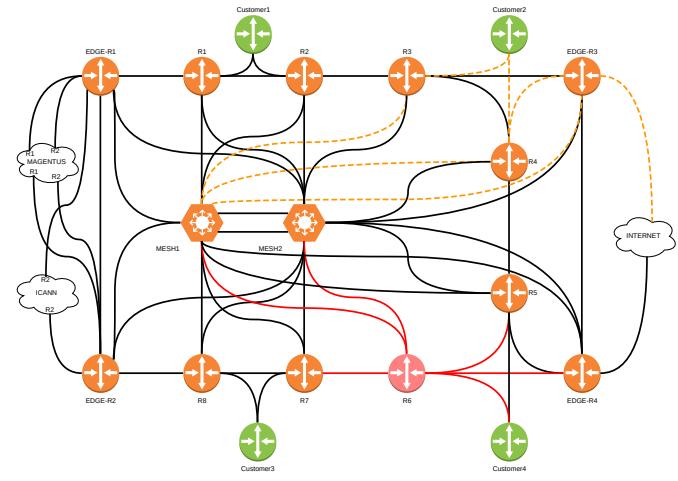
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 52ms



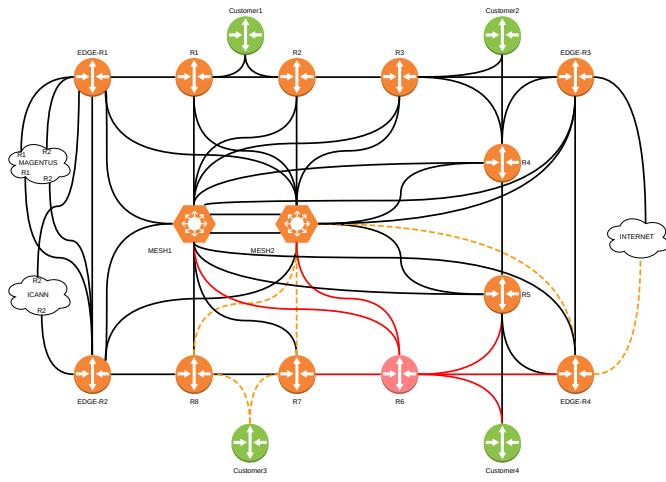
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 56ms



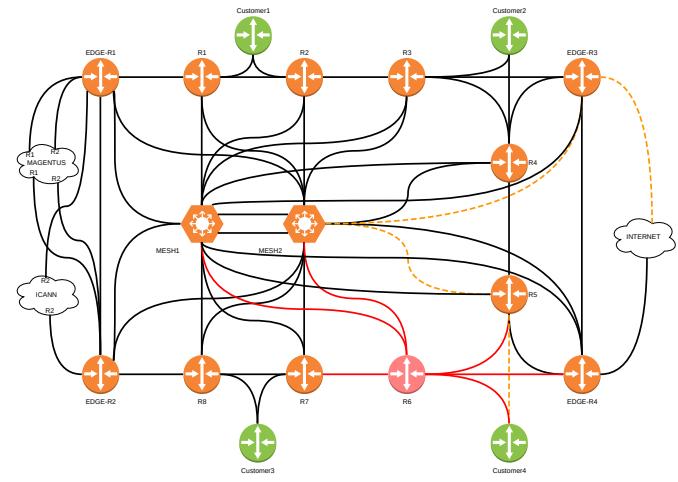
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 68ms

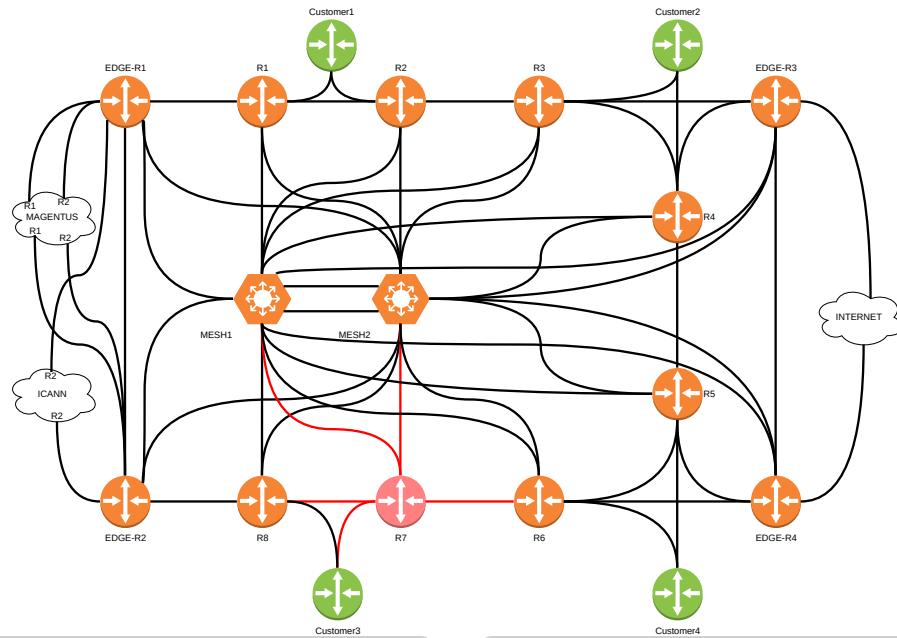


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 48ms 60ms 40ms

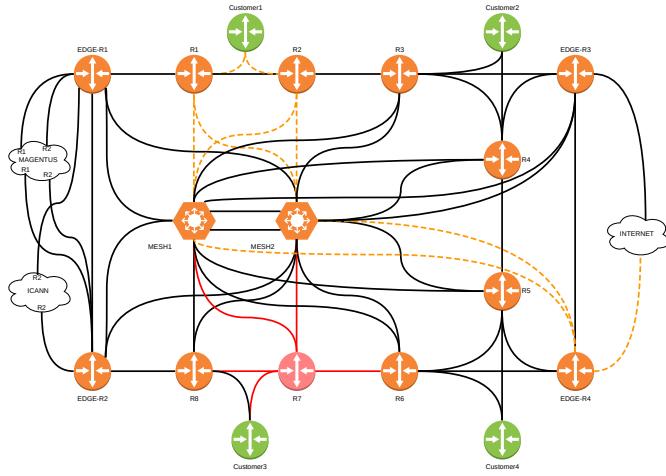


Hiba szimuláció: YAPPER-R7



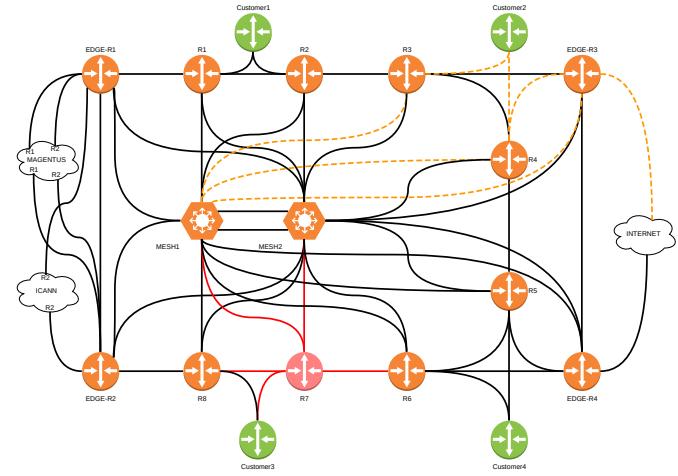
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 60ms



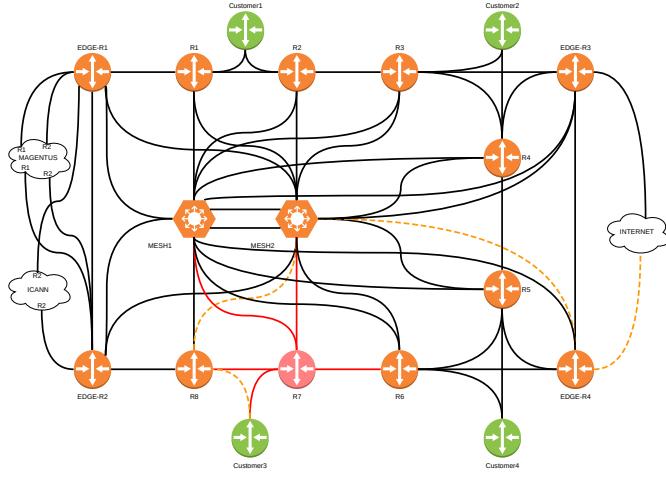
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 44ms 48ms 52ms



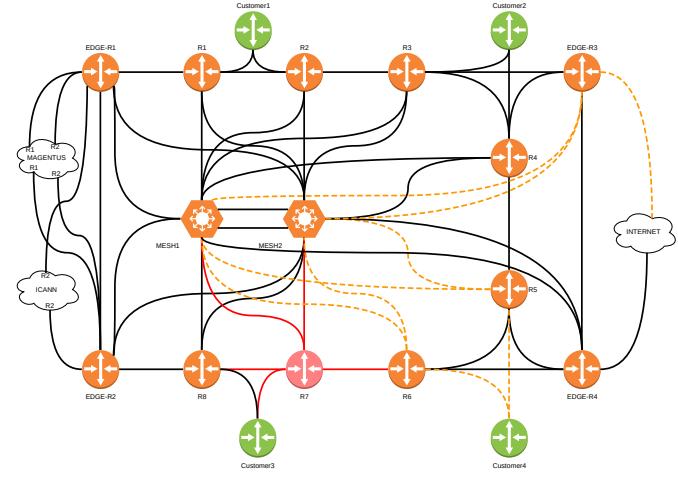
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 48ms 44ms

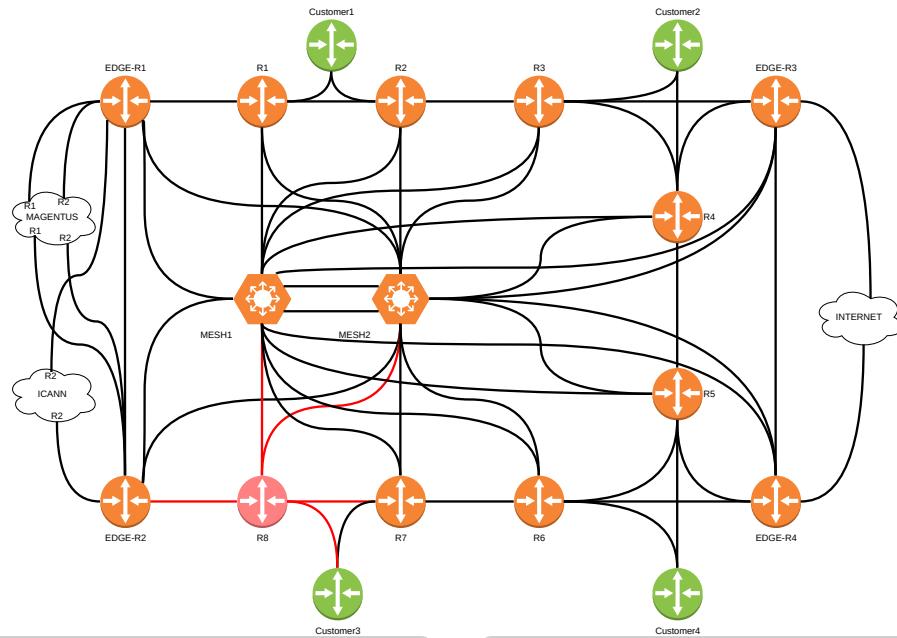


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 88ms 104ms

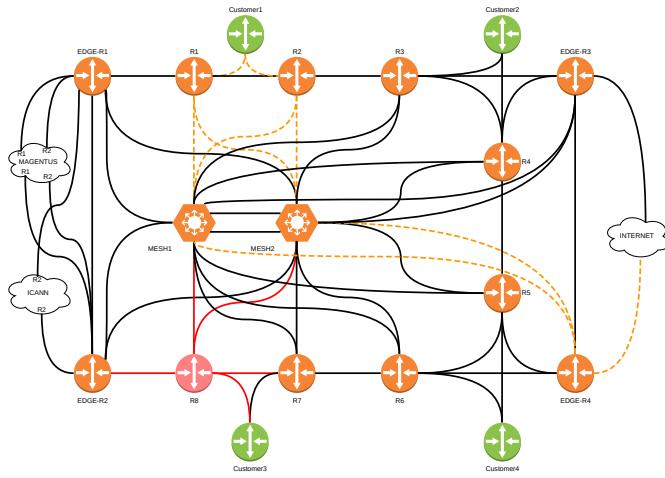


Hiba szimuláció: YAPPER-R8



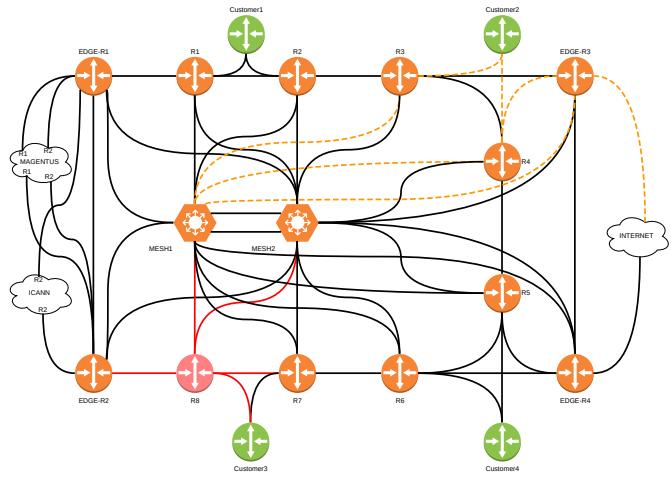
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 56ms



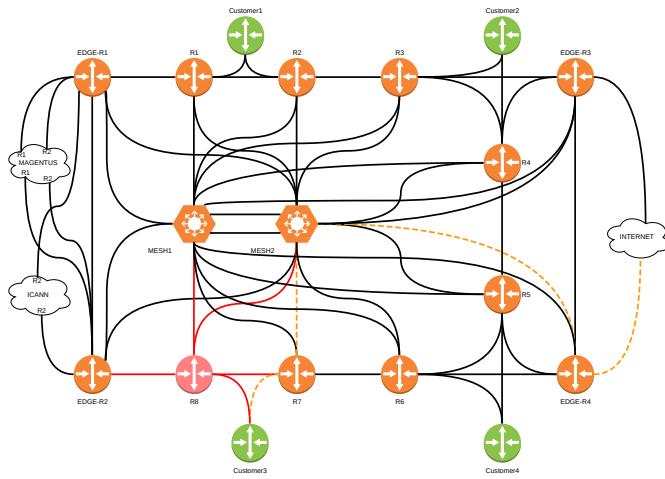
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 60ms



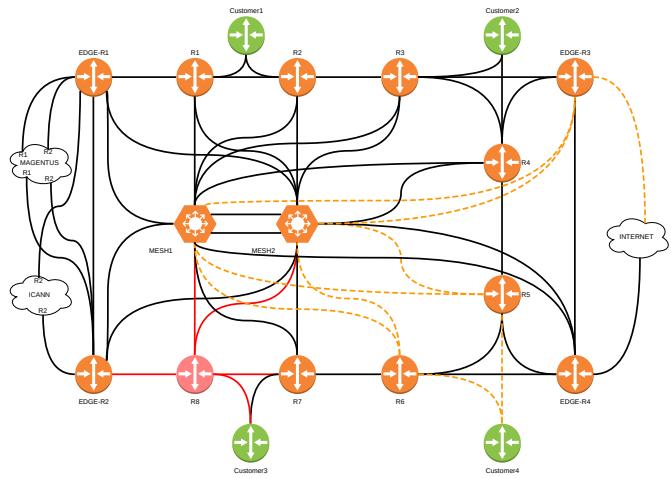
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 56ms

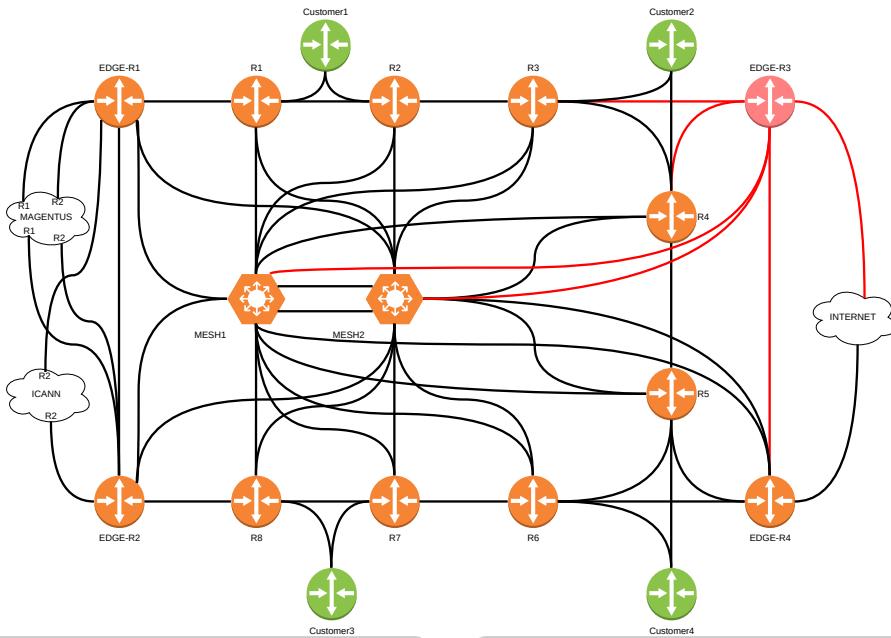


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 56ms

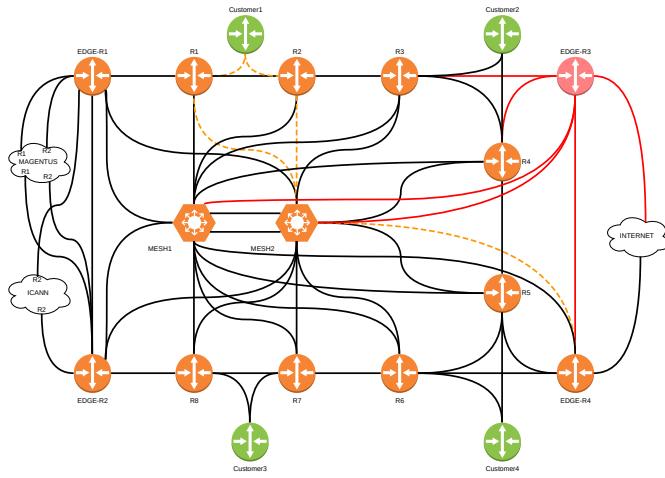


Hiba szimuláció: YAPPER-EDGE-R3



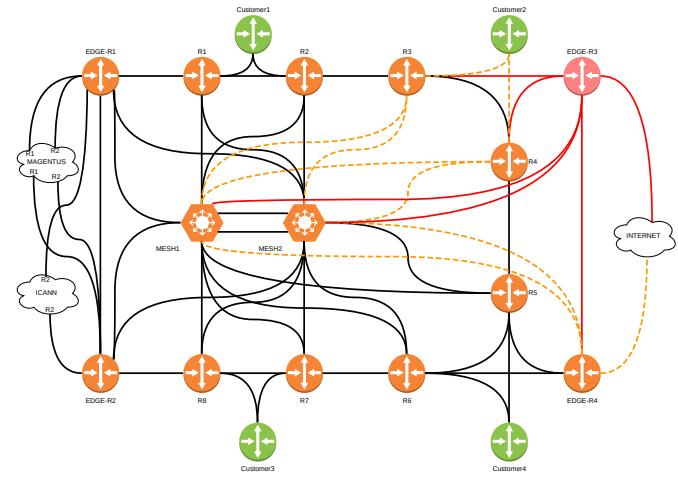
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 56ms 56ms



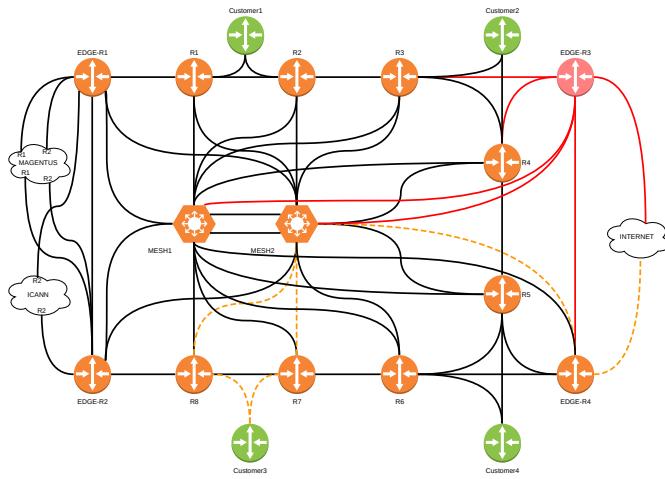
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 56ms 44ms



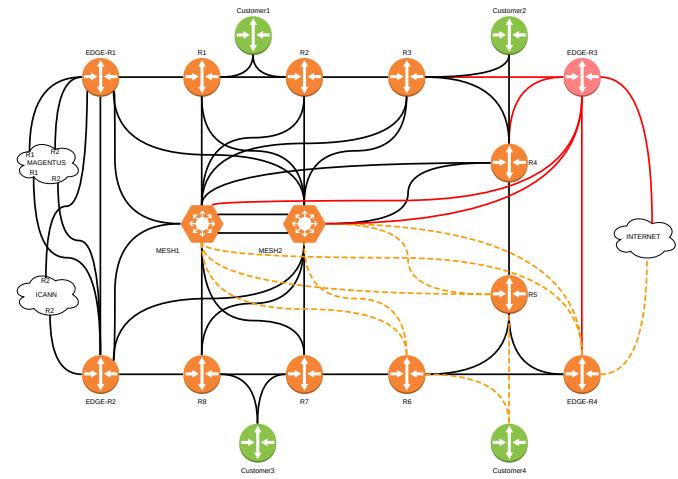
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 56ms 68ms 76ms

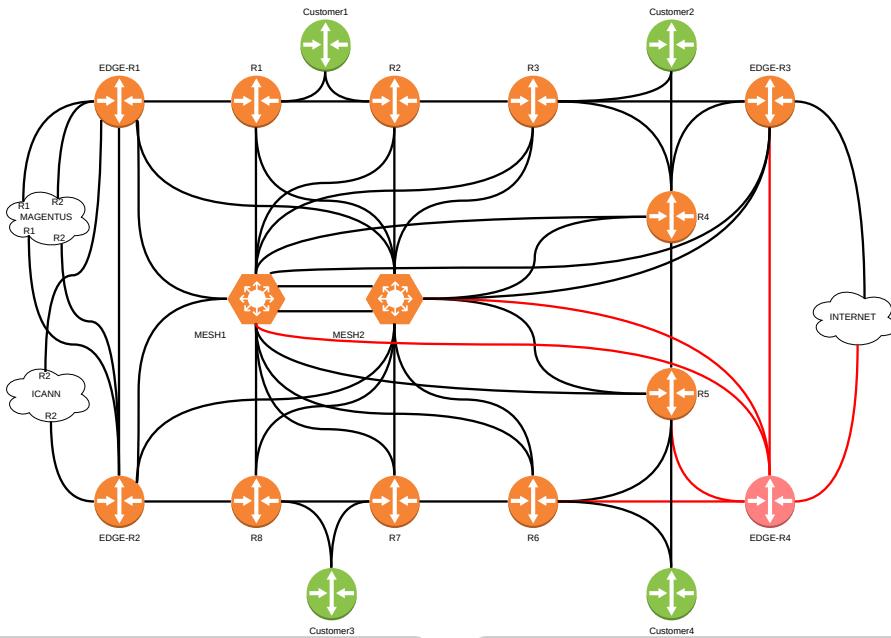


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 60ms 68ms

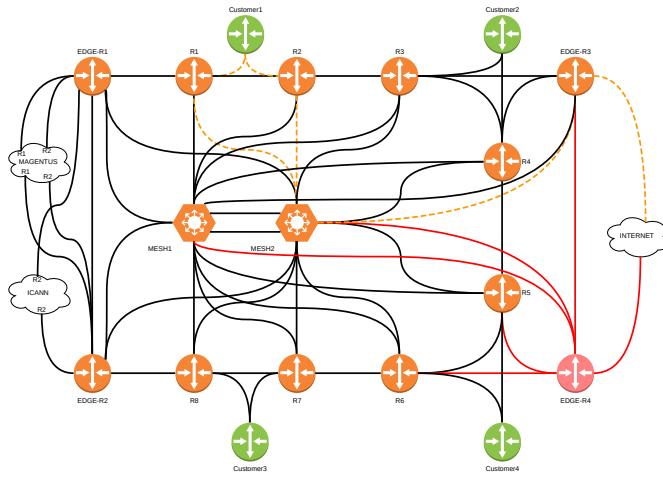


Hiba szimuláció: YAPPER-EDGE-R4



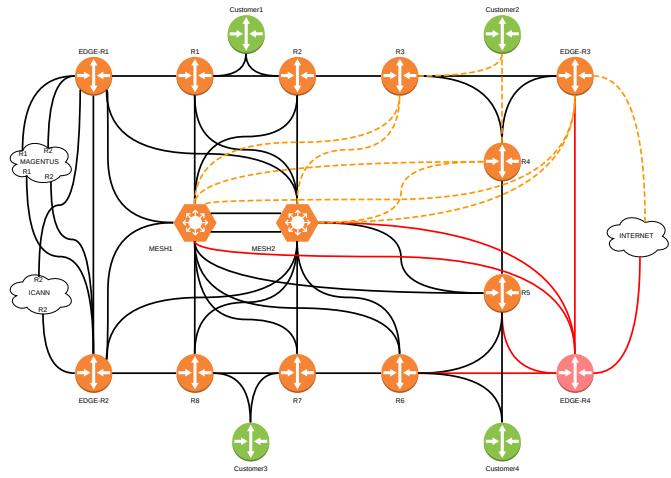
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 40ms 52ms 24ms



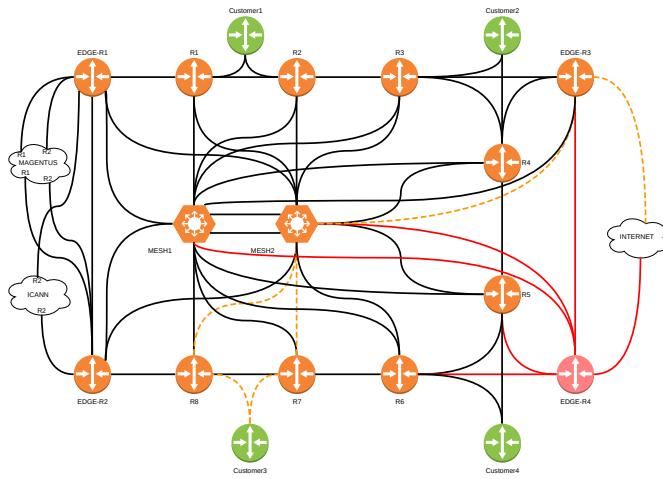
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 48ms



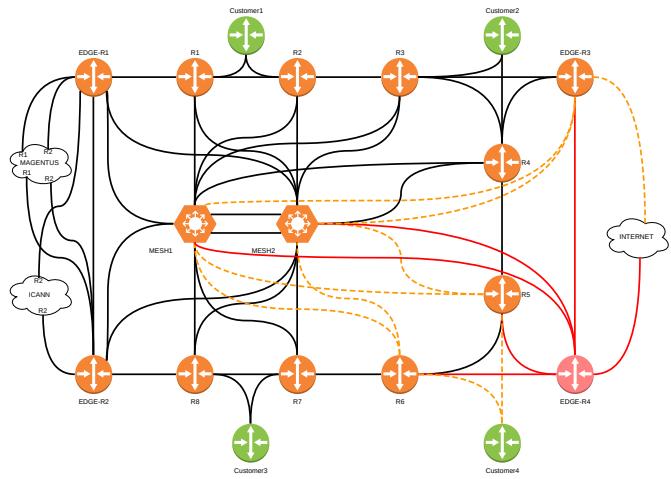
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 68ms 48ms 56ms

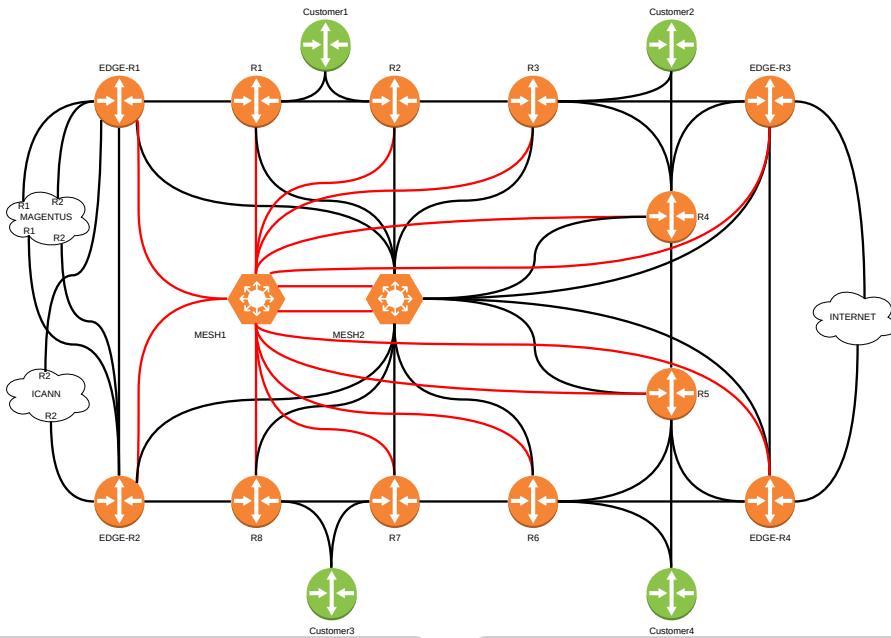


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 68ms

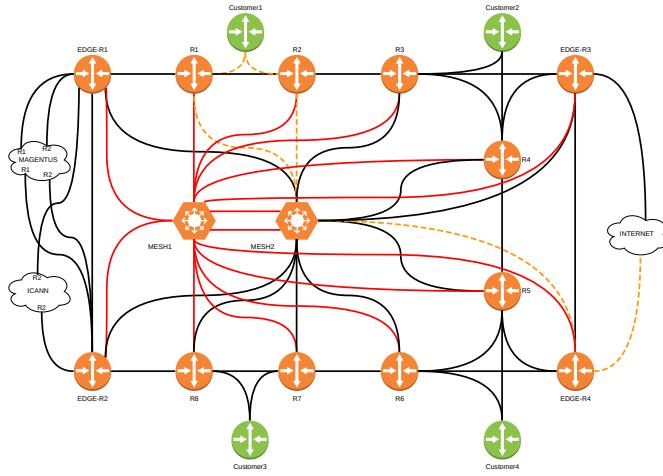


Hiba szimuláció: YAPPER-MESH1



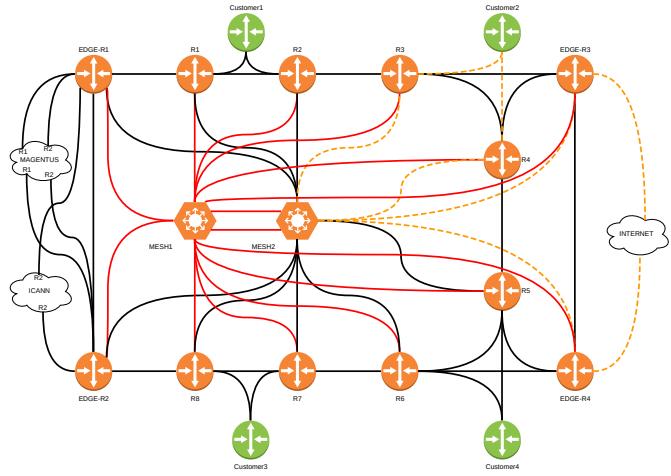
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 40ms



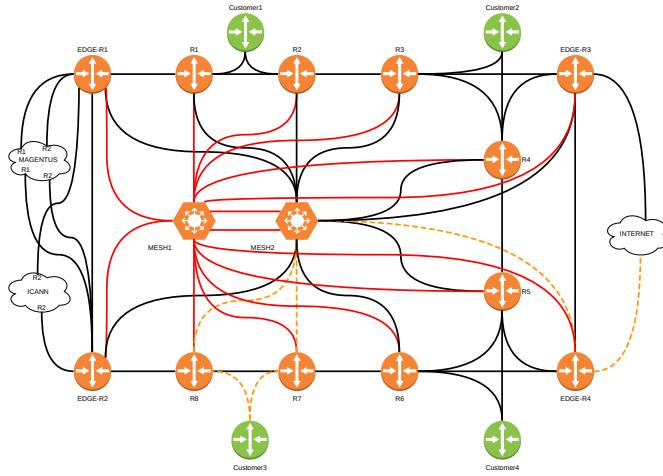
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 56ms



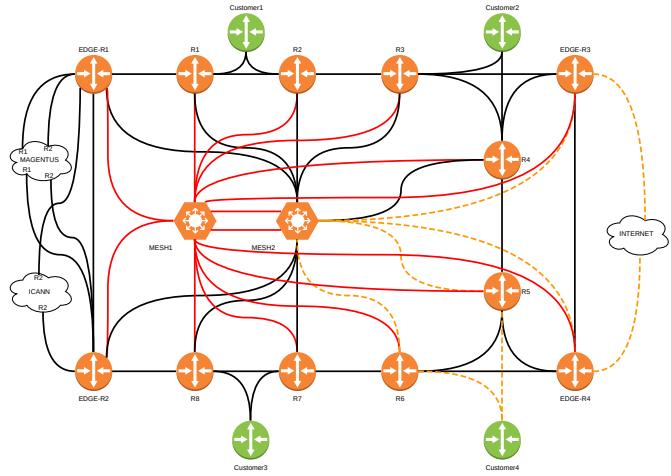
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 60ms

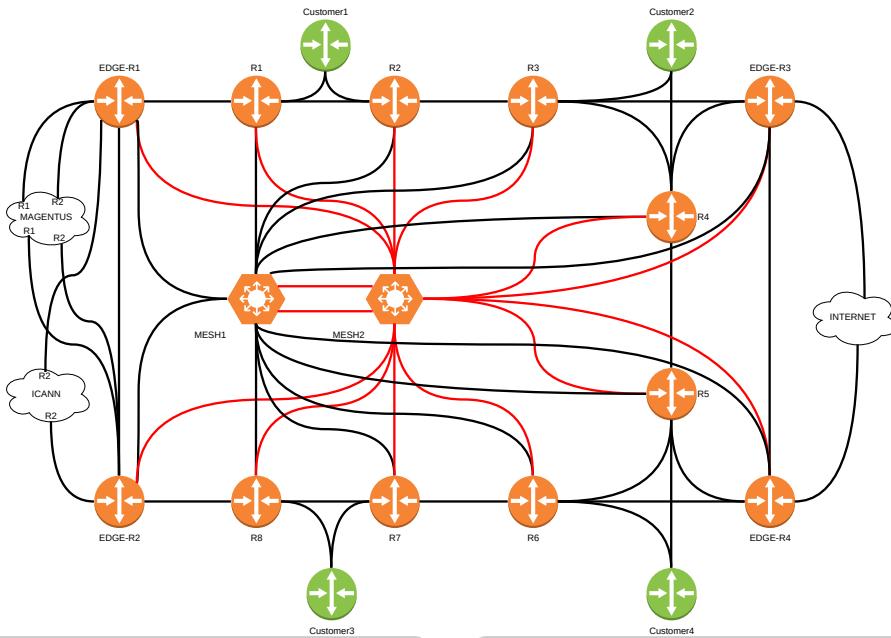


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 44ms 52ms

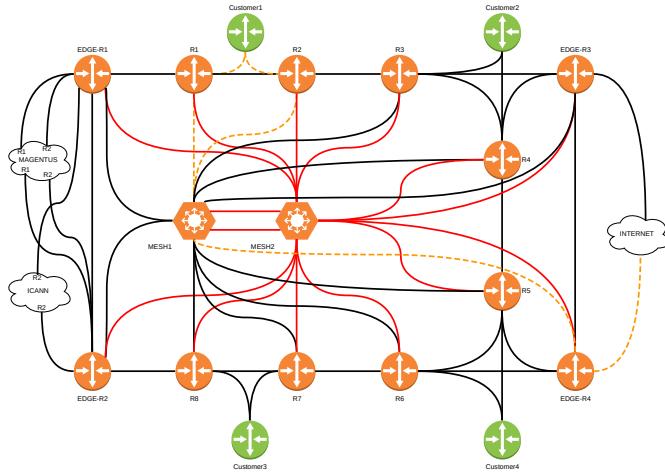


Hiba szimuláció: YAPPER-MESH2



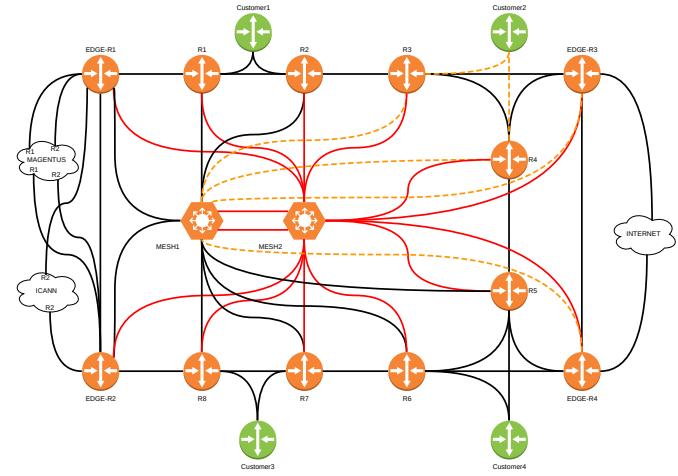
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 52ms 44ms 48ms



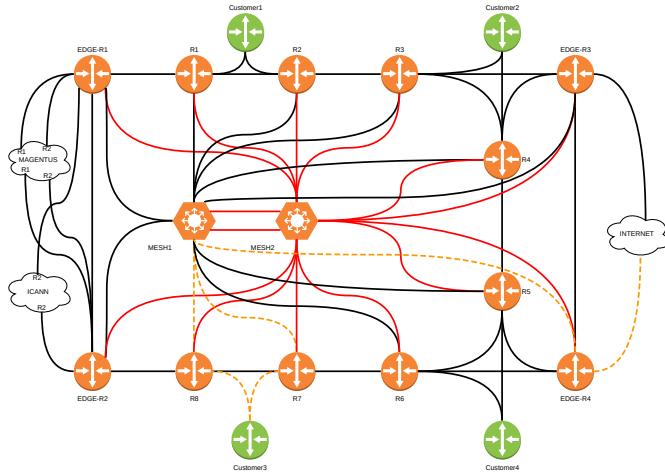
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 60ms



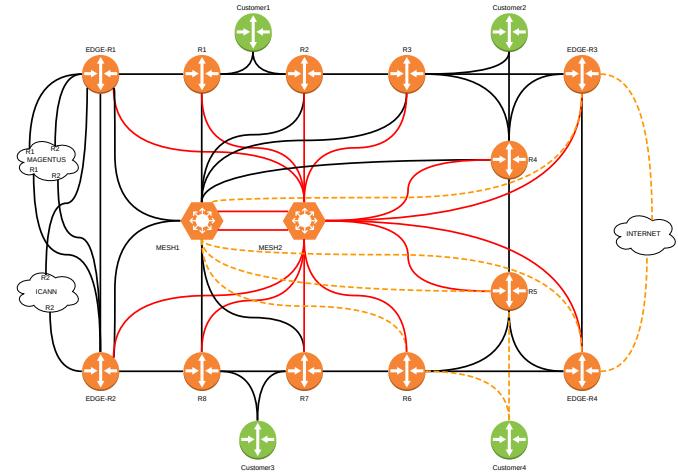
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 40ms 56ms 48ms

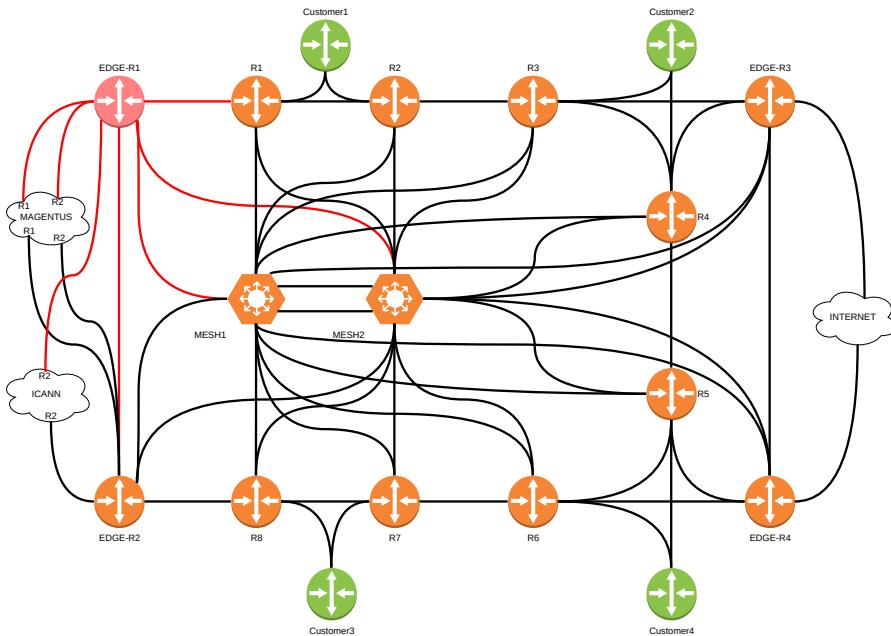


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 68ms

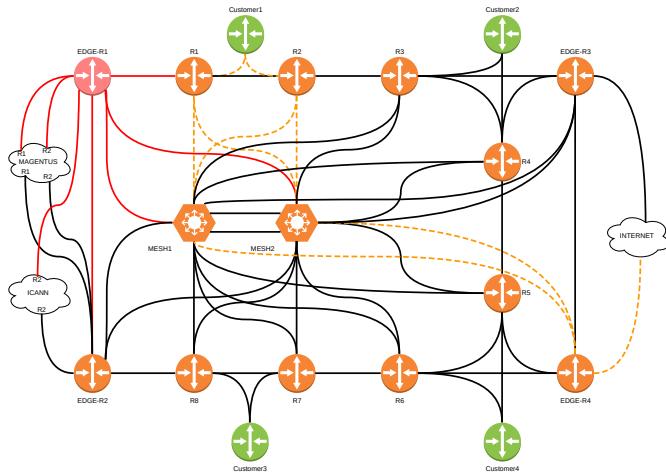


Hiba szimuláció: YAPPER-EDGE-R1



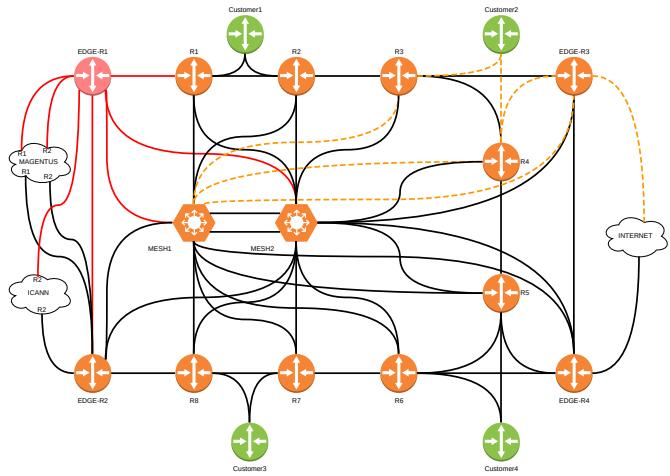
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 52ms



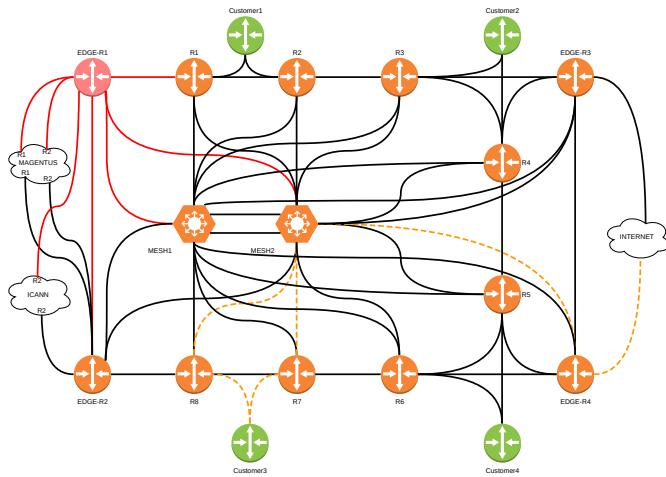
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 72ms



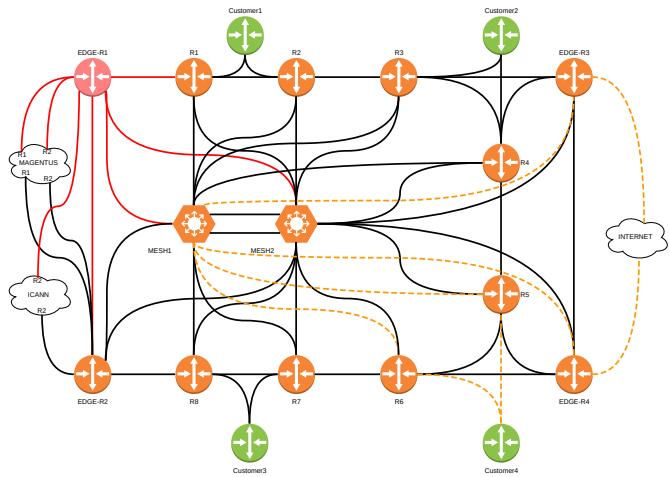
YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 52ms

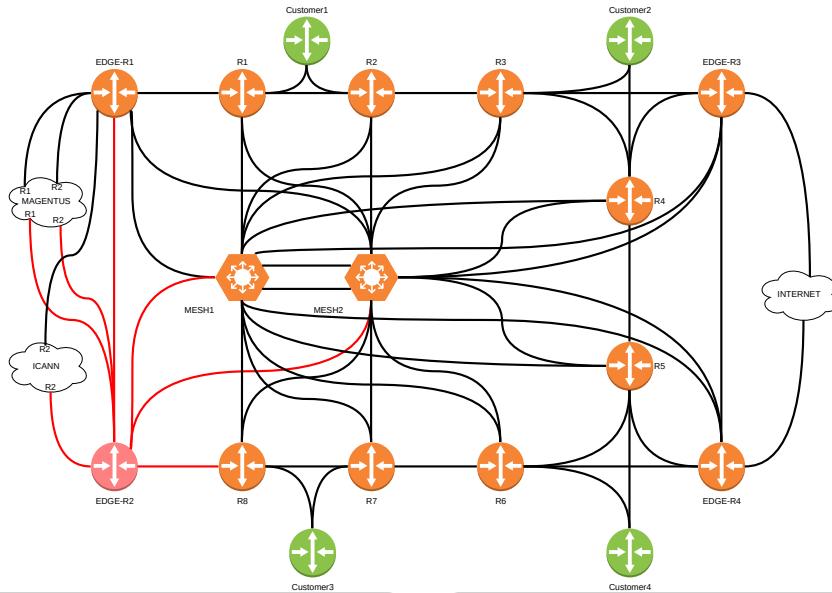


YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 48ms

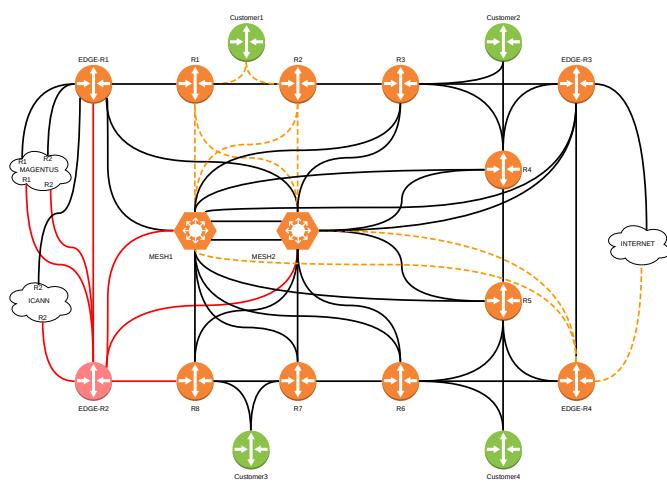


Hiba szimuláció: YAPPER-EDGE-R2



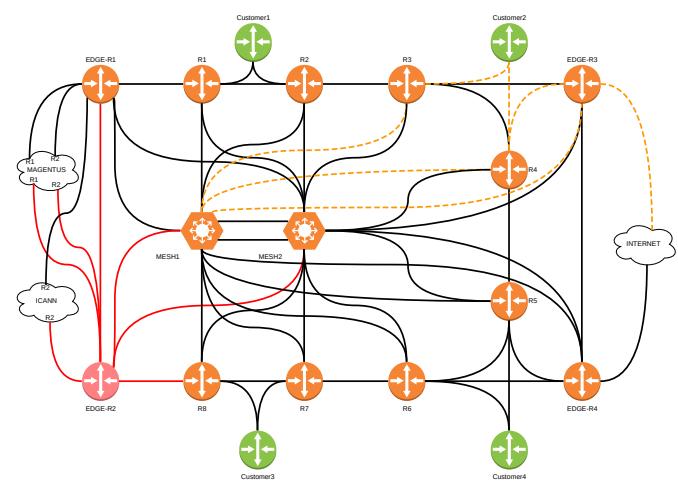
YAPPER-CUSTOMER1 ✓

Sikeres ping! 1.1.1.1 56ms 56ms 64ms



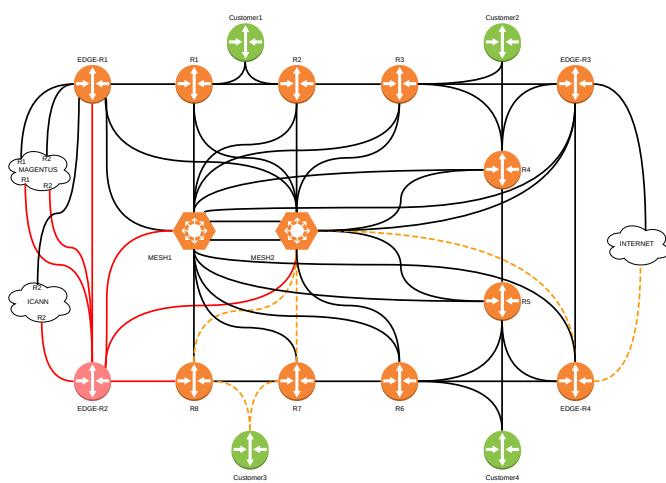
YAPPER-CUSTOMER2 ✓

Sikeres ping! 1.1.1.1 52ms 52ms 44ms



YAPPER-CUSTOMER3 ✓

Sikeres ping! 1.1.1.1 48ms



YAPPER-CUSTOMER4 ✓

Sikeres ping! 1.1.1.1 44ms

