MIKROTIK LOAD BALANCING PCC + FAILOVER

Note: RB 450G

Load balancing 2 koneksi WAN/Speedy/ISP (lebih dari 2 koneksi config disesuaikan)

WAN1&WAN2 - Mikrotik - LAN

WAN1: 192.168.100.1/24 (Rx. 5 Mbps & Tx. 1 Mbps)

WAN2: 192.168.200.1/24 (Rx. 5 Mbps & Tx. 1 Mbps)

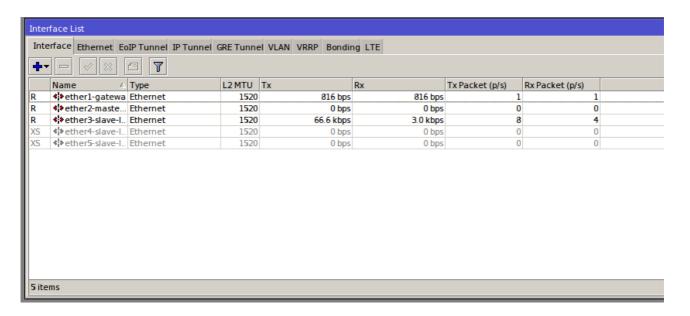
Mikrotik: eth1 192.168.100.5/24

eth2 192.168.200.5/24

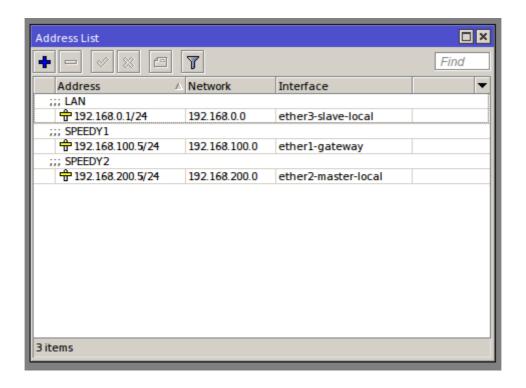
eth3 192.168.0.1/24

LAN: 192.168.0.0/24

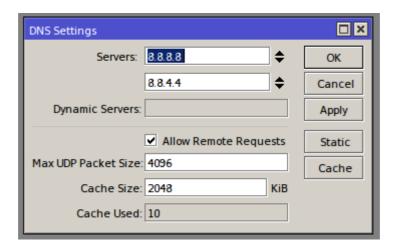
1. Set interface (disable yg tidak perlu).



2. Set ip address.

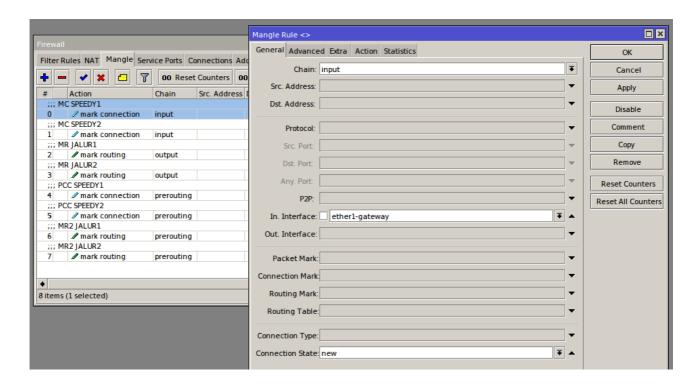


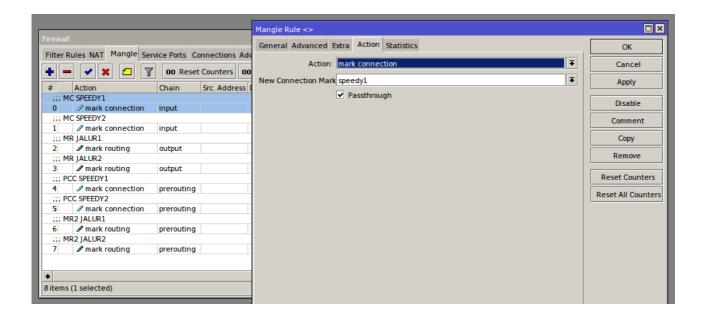
3. Set DNS server.



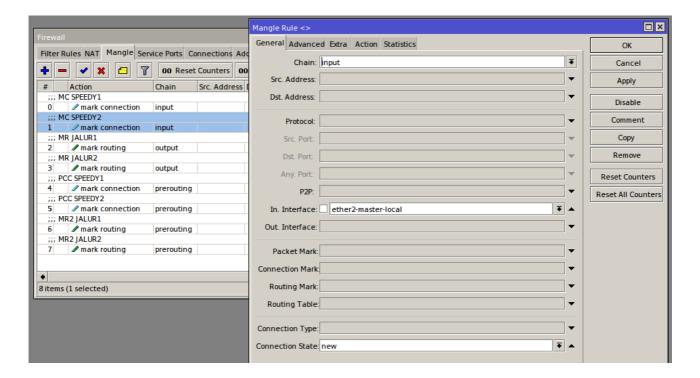
4. Set mangle rule.

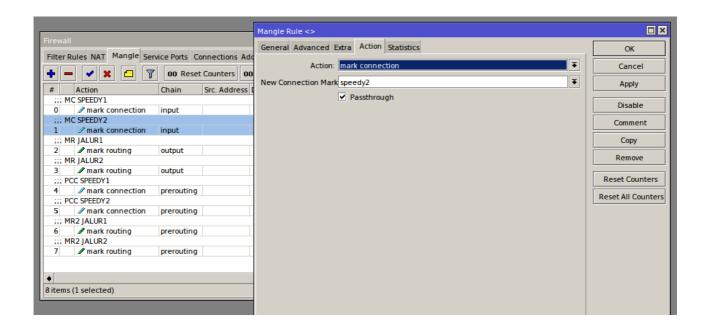
Rule1



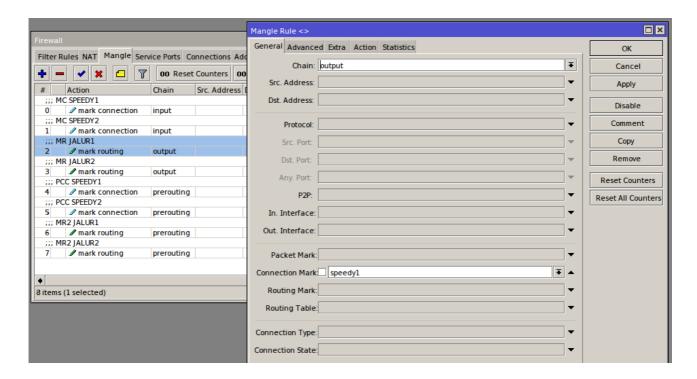


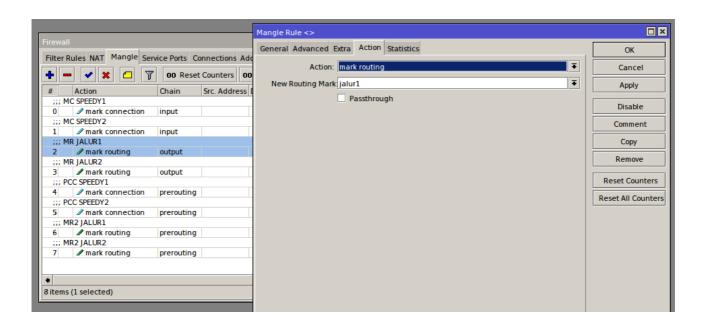
Rule2



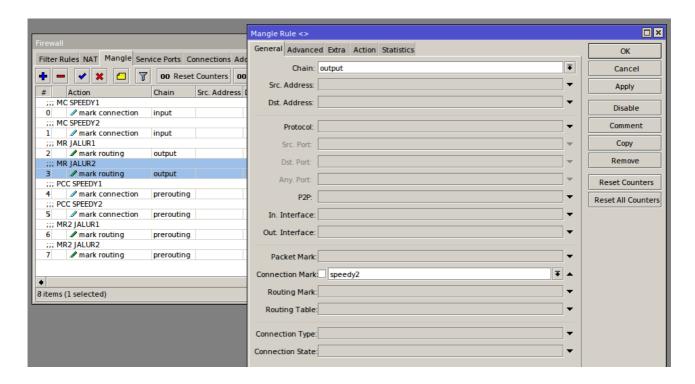


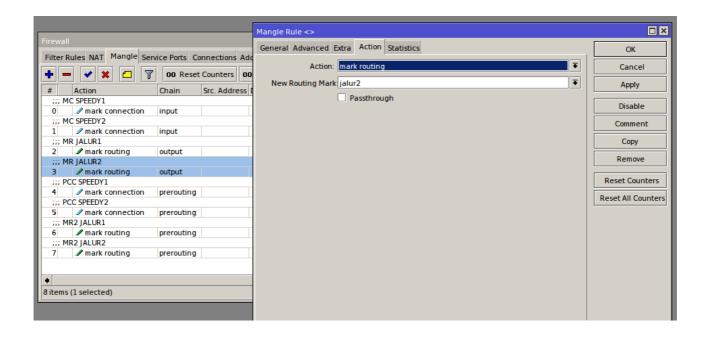
Rule3.



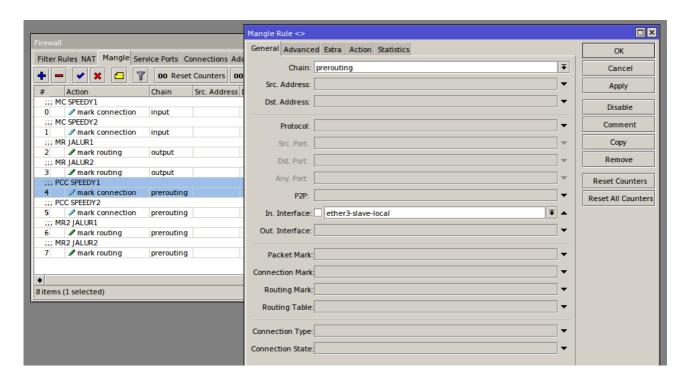


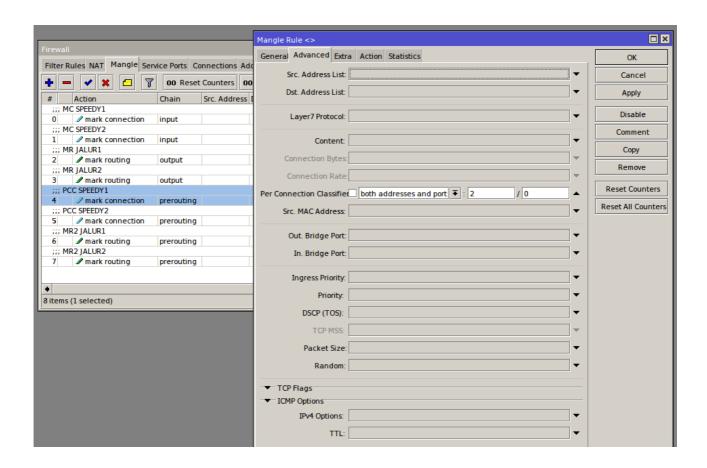
Rule4.

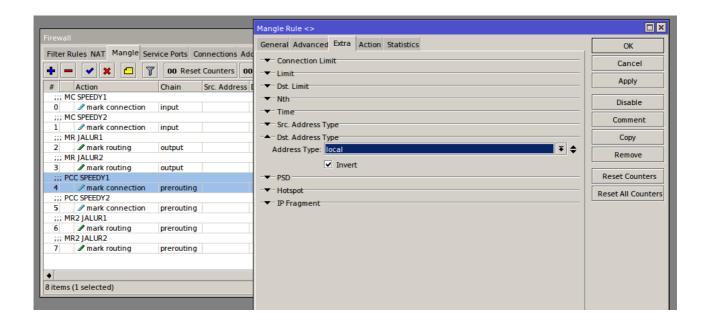


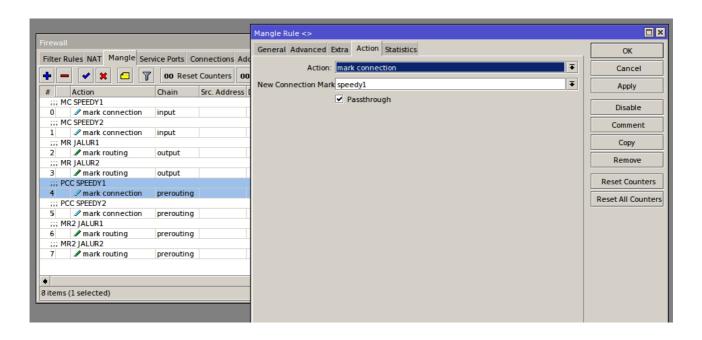


Rule5.

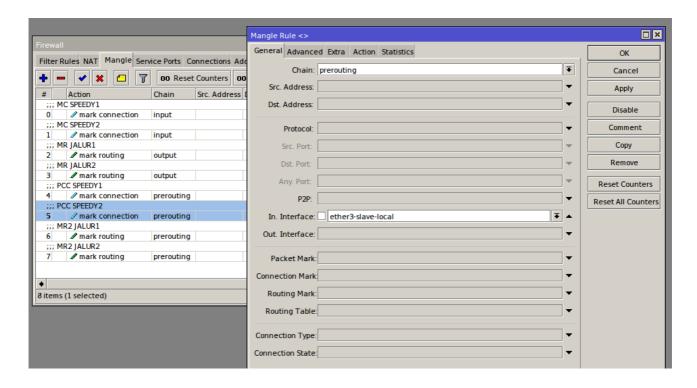


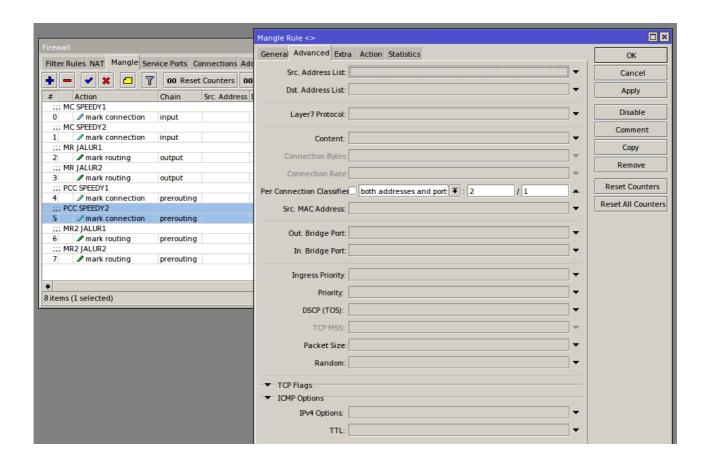


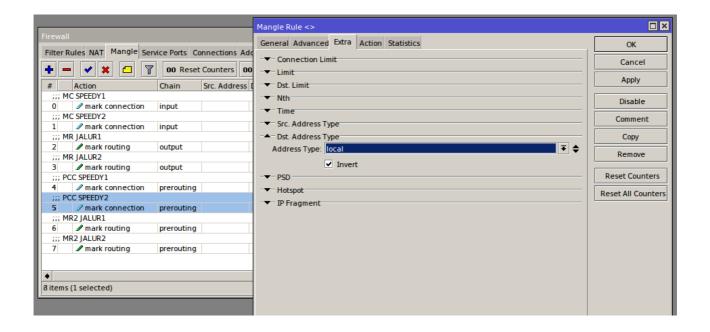


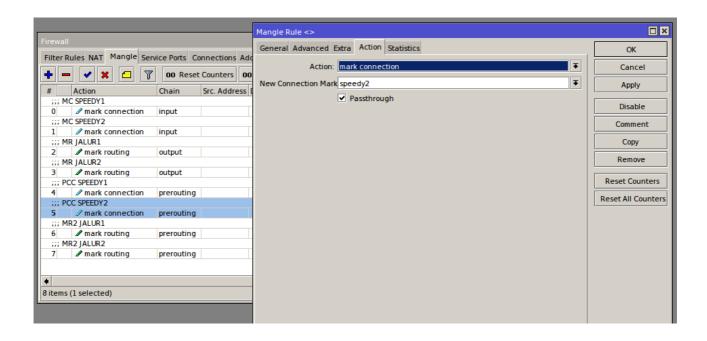


Rule6.

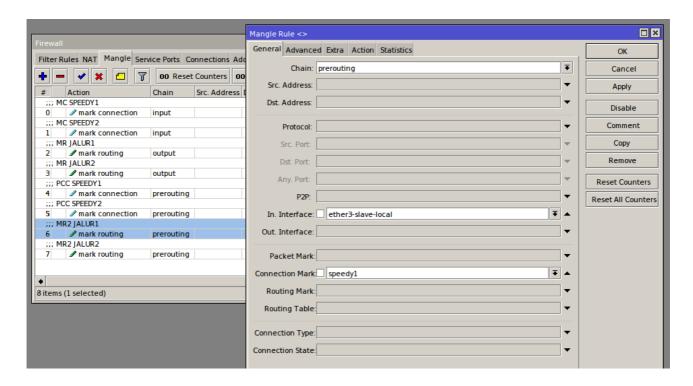


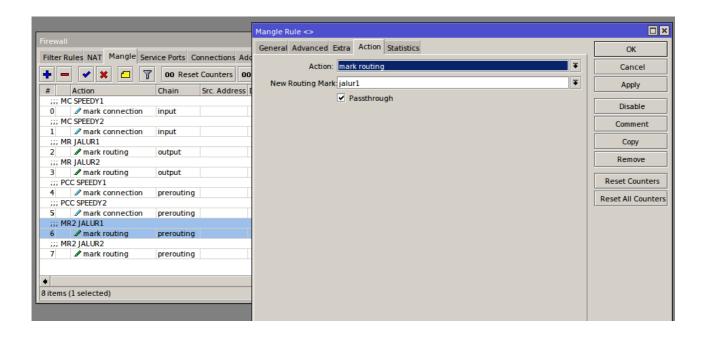




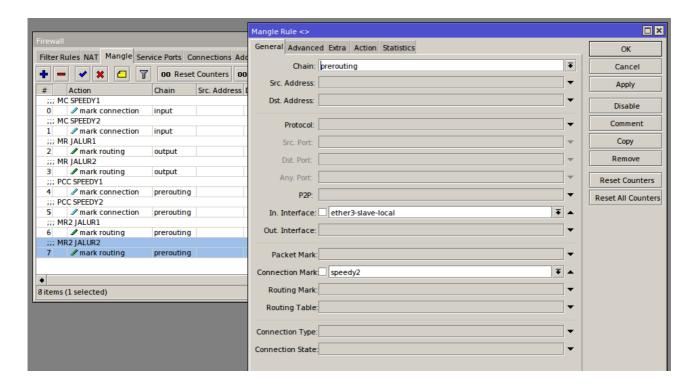


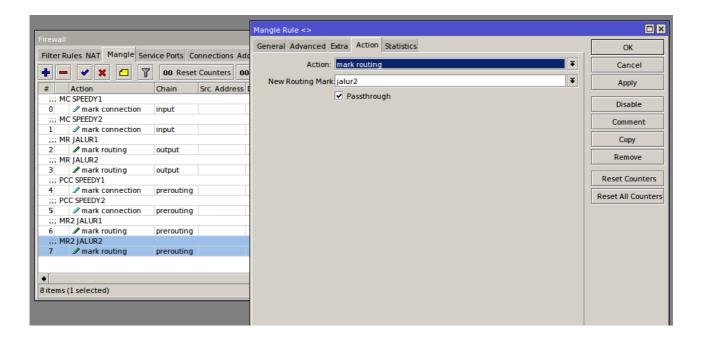
Rule7.



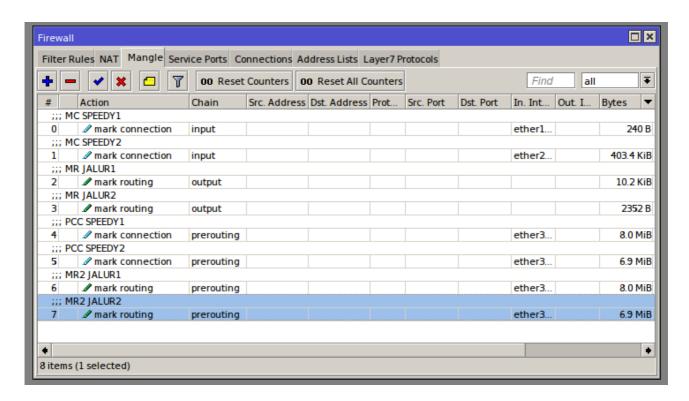


Rule8.



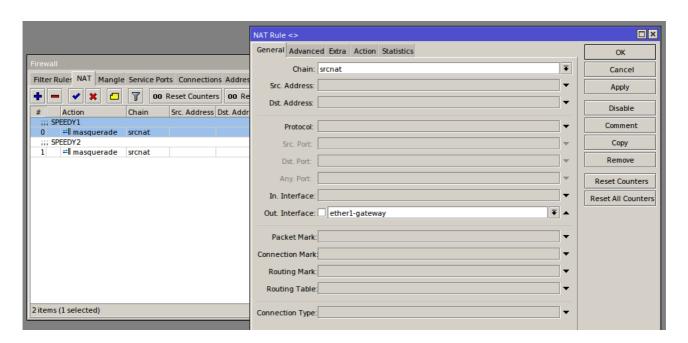


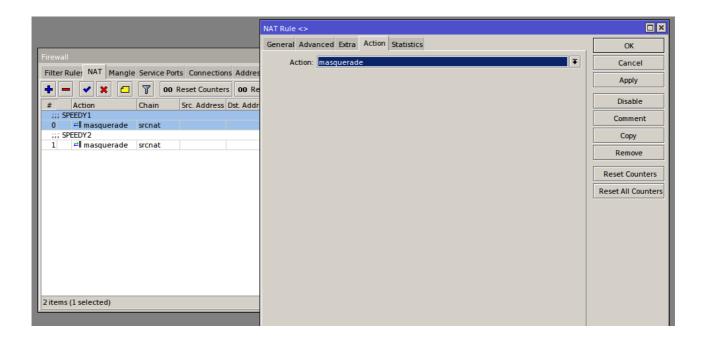
Semua rule.



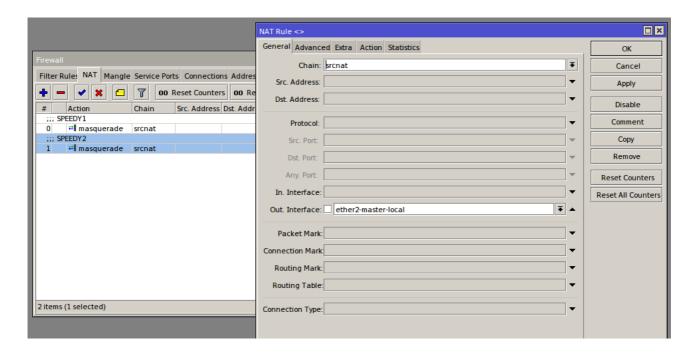
5. Set NAT.

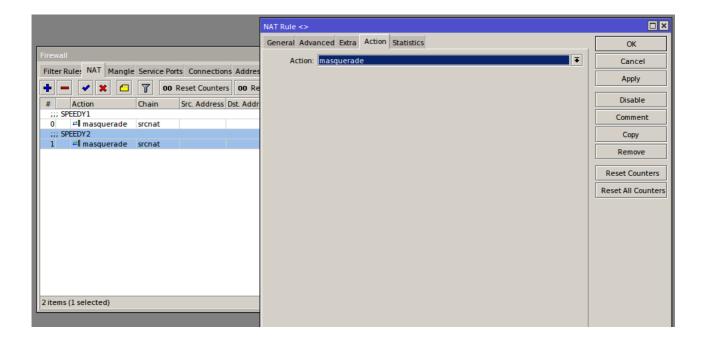
WAN1.



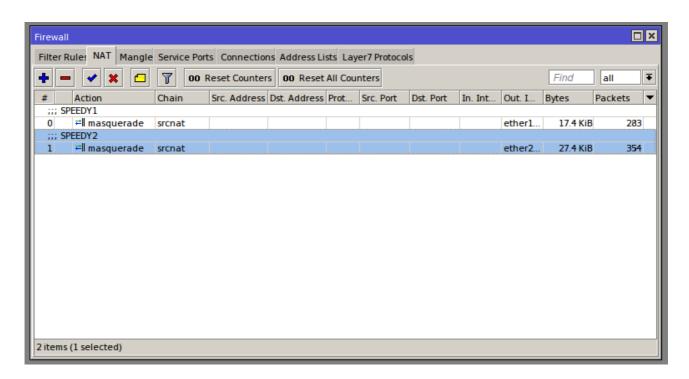


WAN2.



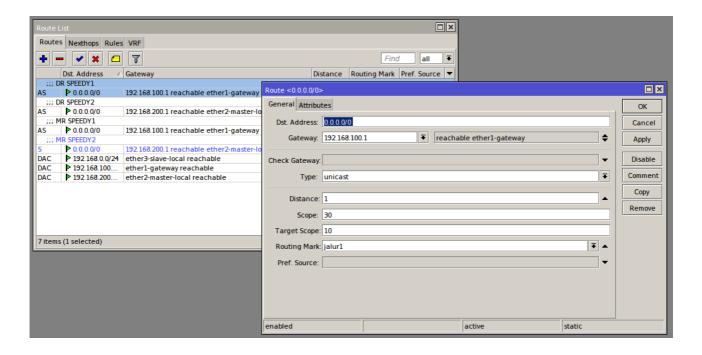


Semua NAT.

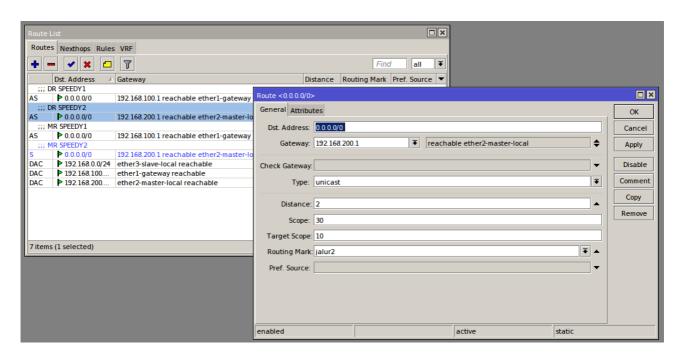


6. Set route.

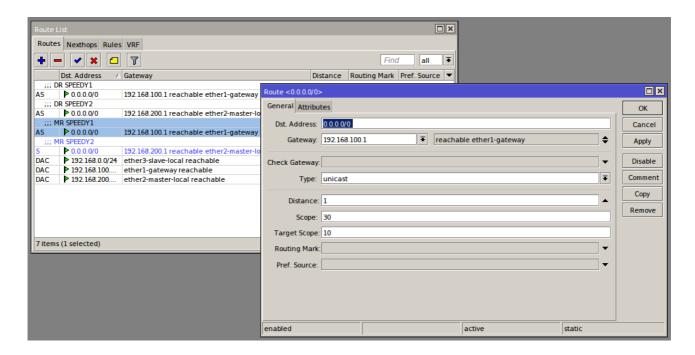
Route1.



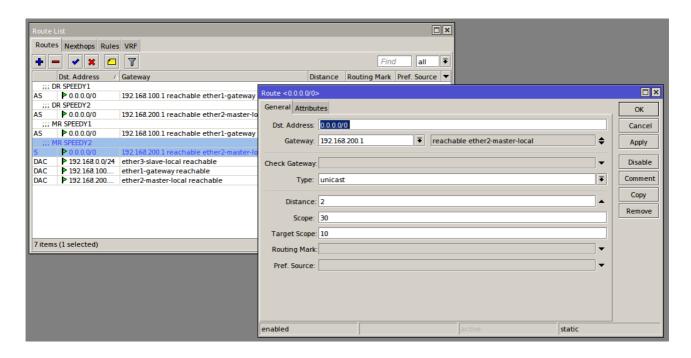
Route2.



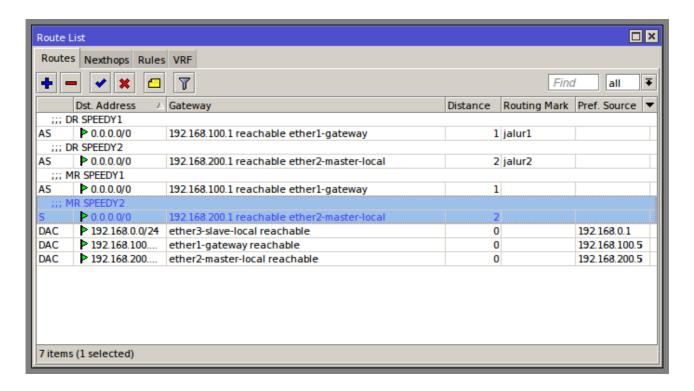
Route3.



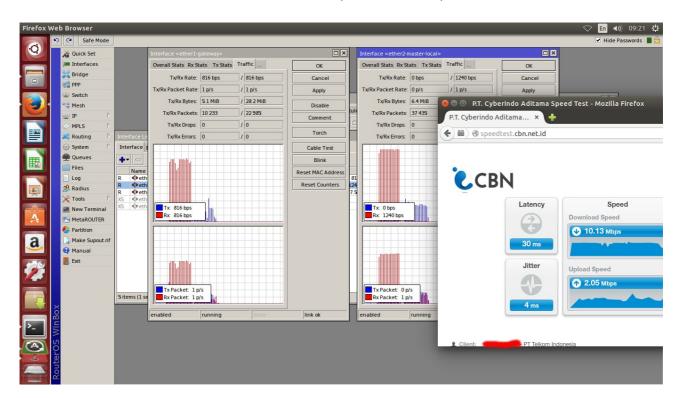
Route4.



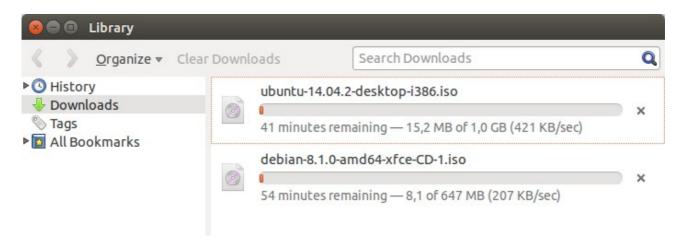
Semua route.



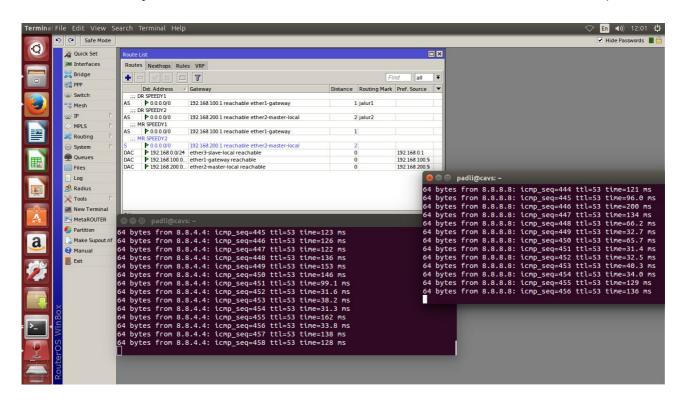
7. Tes koneksi (WAN1 + WAN2 = Rx 10 Mbps & Tx 2 Mbps).



8. Tes download (download1 ke WAN1, download2 ke WAN2, Dst).



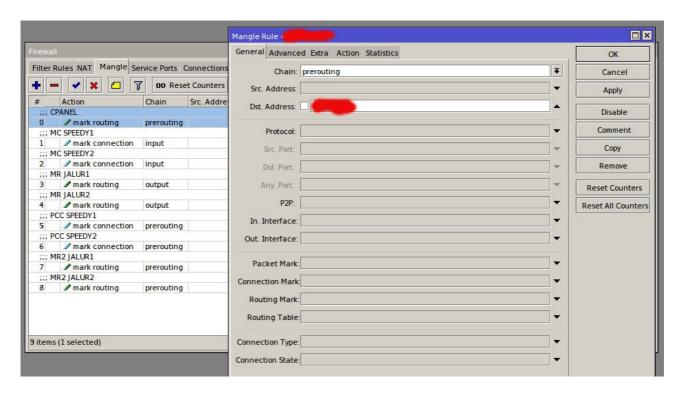
9. Tes failover (jika koneksi WAN1 down akan dialihkan ke WAN2 dan sebaliknya).



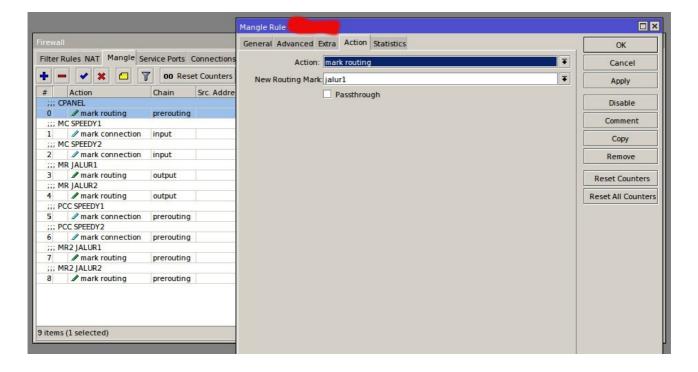
10. Jika tidak dapat akses ke akun WHM/CPANEL dikarenakan pembagian segmen PCC.

Tambahkan mangle rule untuk CPANEL/WHM (isi dst. Address dengan ip public

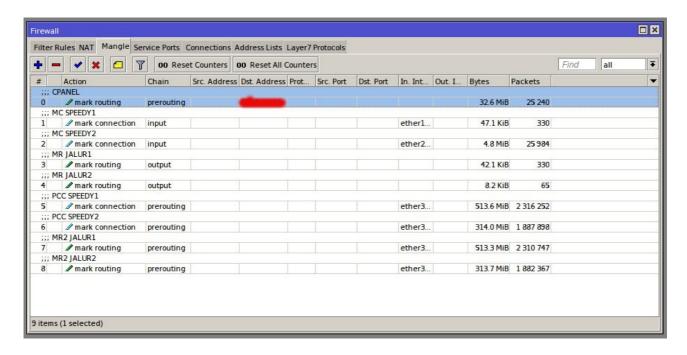
CPANEL/WHM anda).



Set new routing mark ke salah satu jalur WAN.



Tempatkan rule CPANEL paling atas.



Note: More effective for dedicated connection WAN & multi client.

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