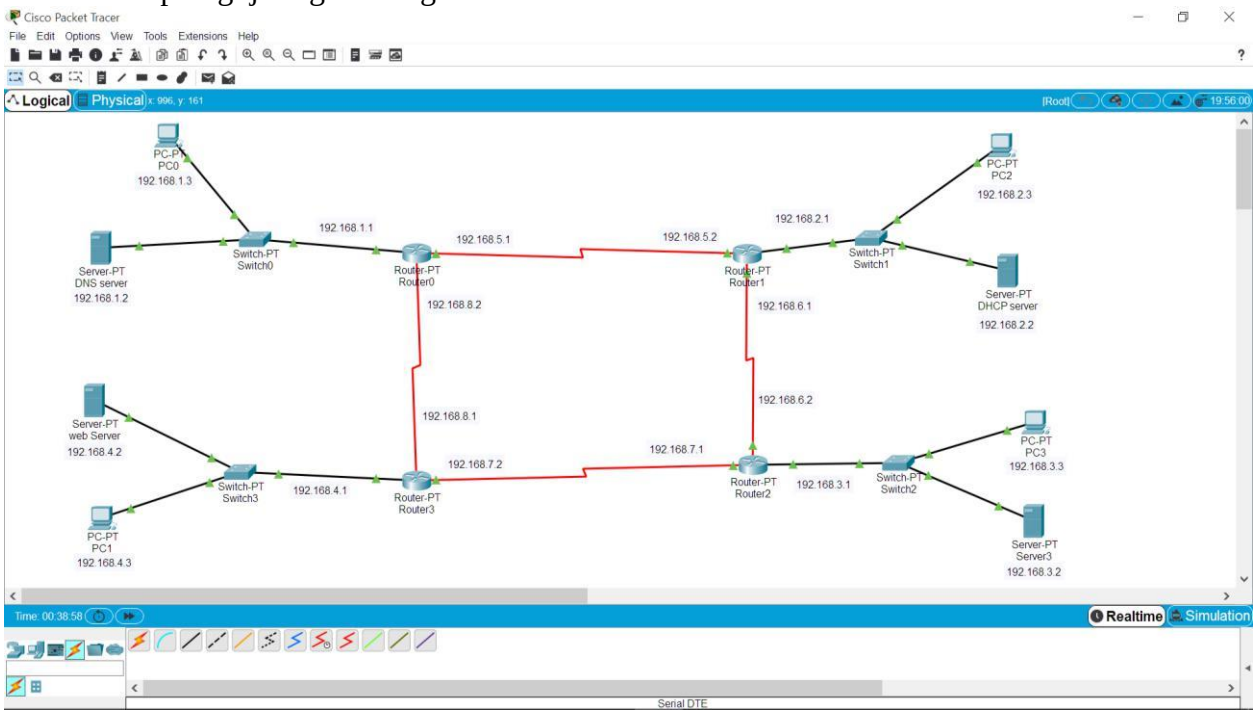
NAMA : ARLIN WIDYA RAHAYU
NIM : L200170014
KELAS : A

UAS JARINGAN KOMPUTER

No.1
Membuat topologi jaringan sebagai berikut:



No.2
Konfigursi pengalamatan ip terhadap Router 1, 2, 3, 4, PC 1, 2, 3, dan 4(sesuai gambar diatas)
a)

Router 0	Server DNS	PC 0
SE 2/0 (ip add 192.168.5.1)	Ip add 192.168.1.2	Ip add 192.168.1.3
SE 3/0 (ip add 192.168.8.2)		
Fa 0/0 (ip add 192.168.1.1)		

b)

Router 1	Server DHCP	PC 2
SE 2/0 (ip add 192.168.6.1)	Ip add 192.168.2.2	Otomatis sesuai pengaturan dhcp yang dibuat (ip add 192.168.2.3)
SE 3/0 (ip add 192.168.5.2)		
Fa 0/0 (ip add 192.168.2.1)		

c)

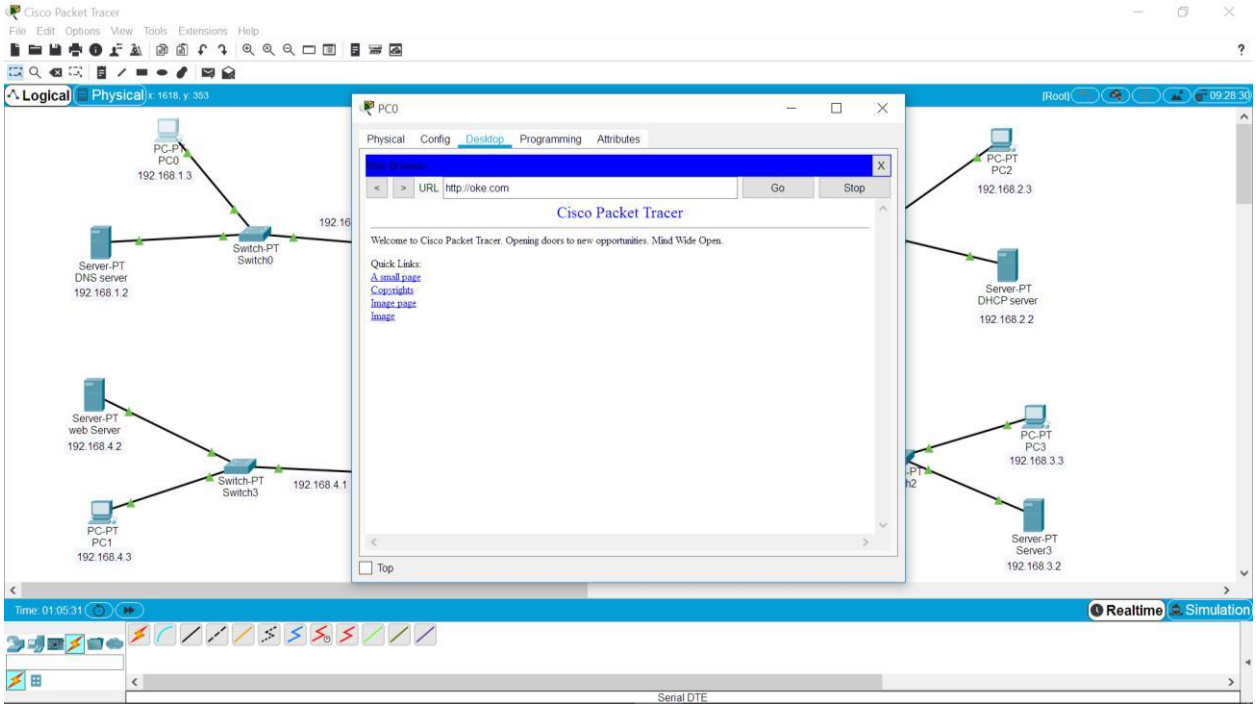
Router 2	Server3	PC 3
SE 2/0 (ip add 192.168.7.1)	Ip add 192.168.3.2	Ip add 192.168.3.3
SE 3/0 (ip add 192.168.6.2)		
Fa 0/0 (ip add 192.168.3.1)		

d)

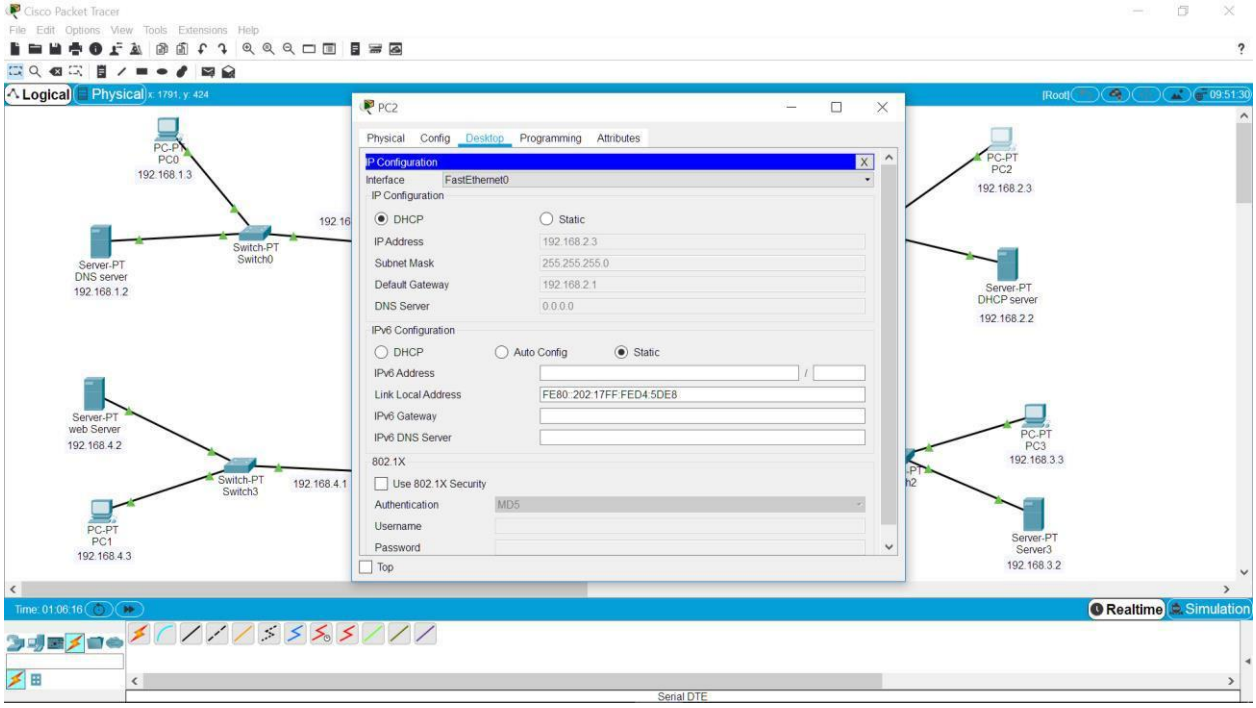
Router 3	Server Web	PC 1
SE 2/0 (ip add 192.168.8.1)	Ip add 192.168.4.2	Ip add 192.168.4.3
SE 3/0 (ip add 192.168.7.2)		
Fa 0/0 (ip add 192.168.4.1)		

Test no.2

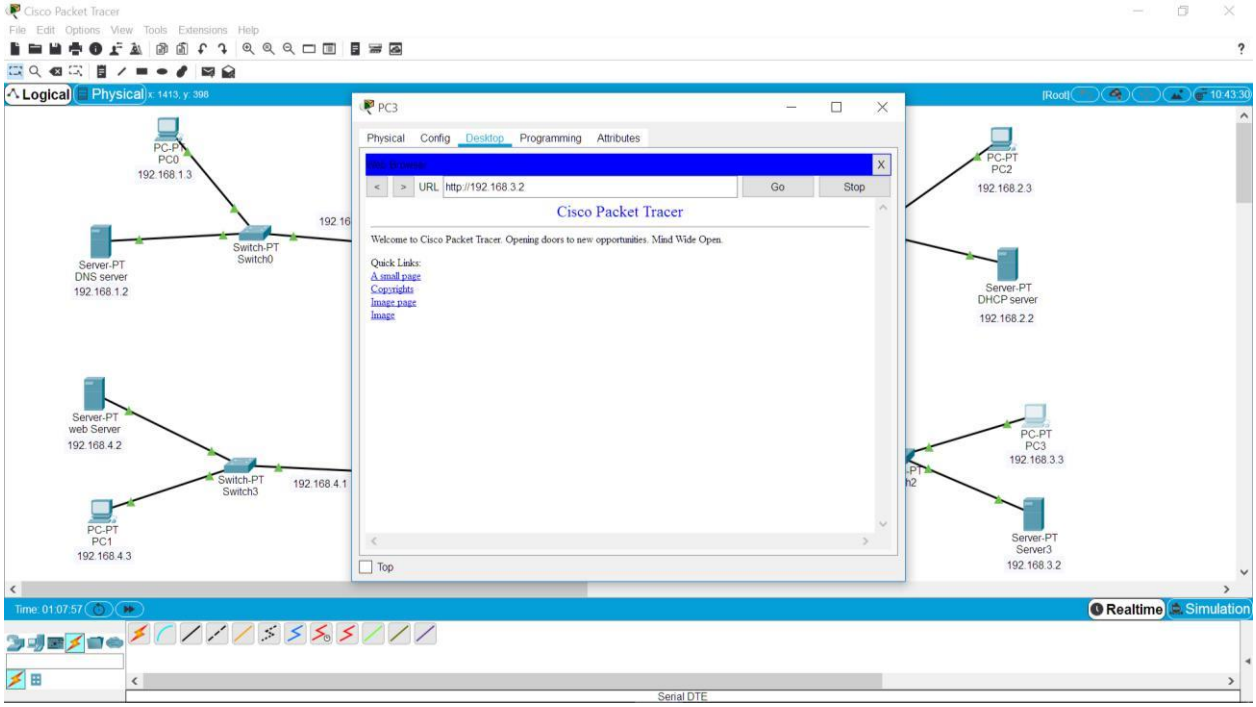
- DNS server



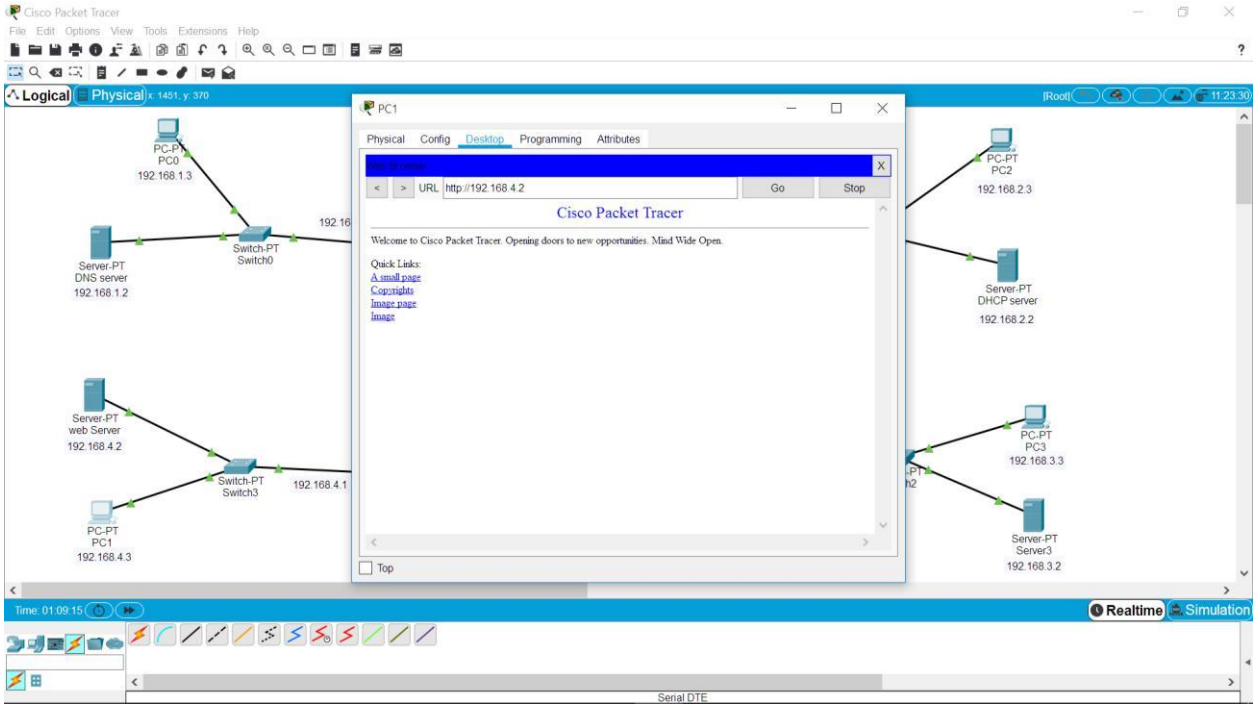
- DHCP Server



- Server3



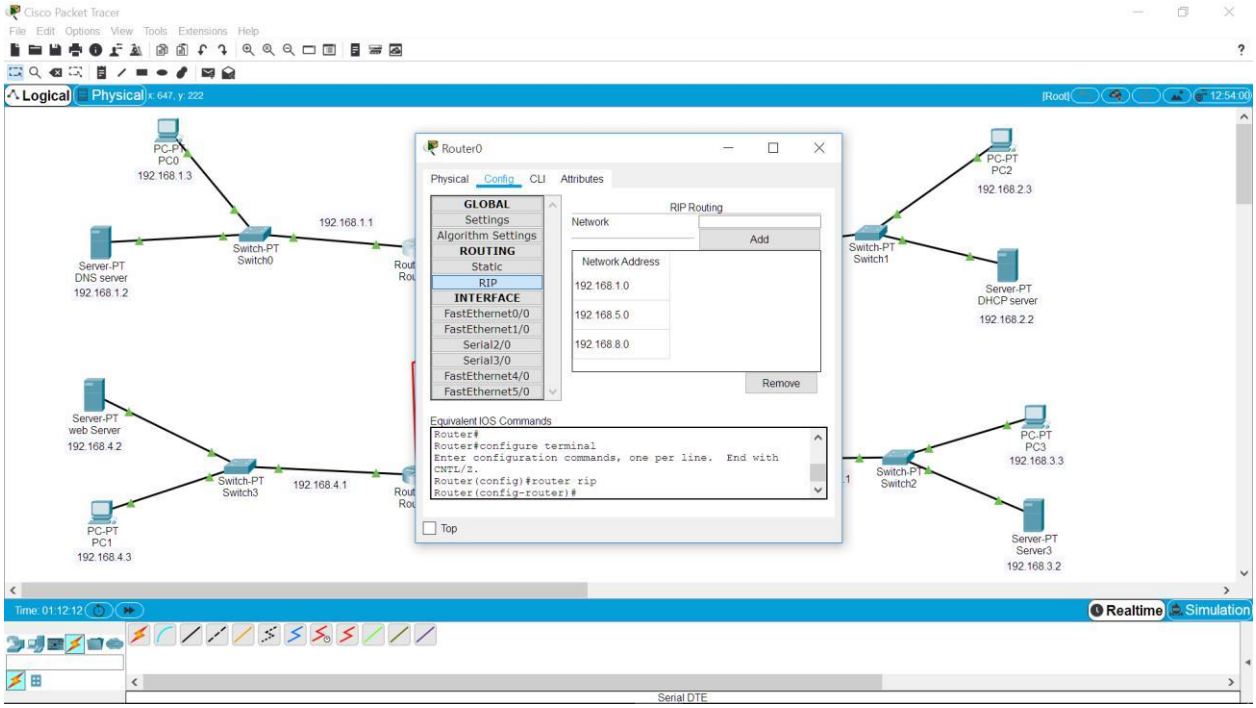
- Server Web



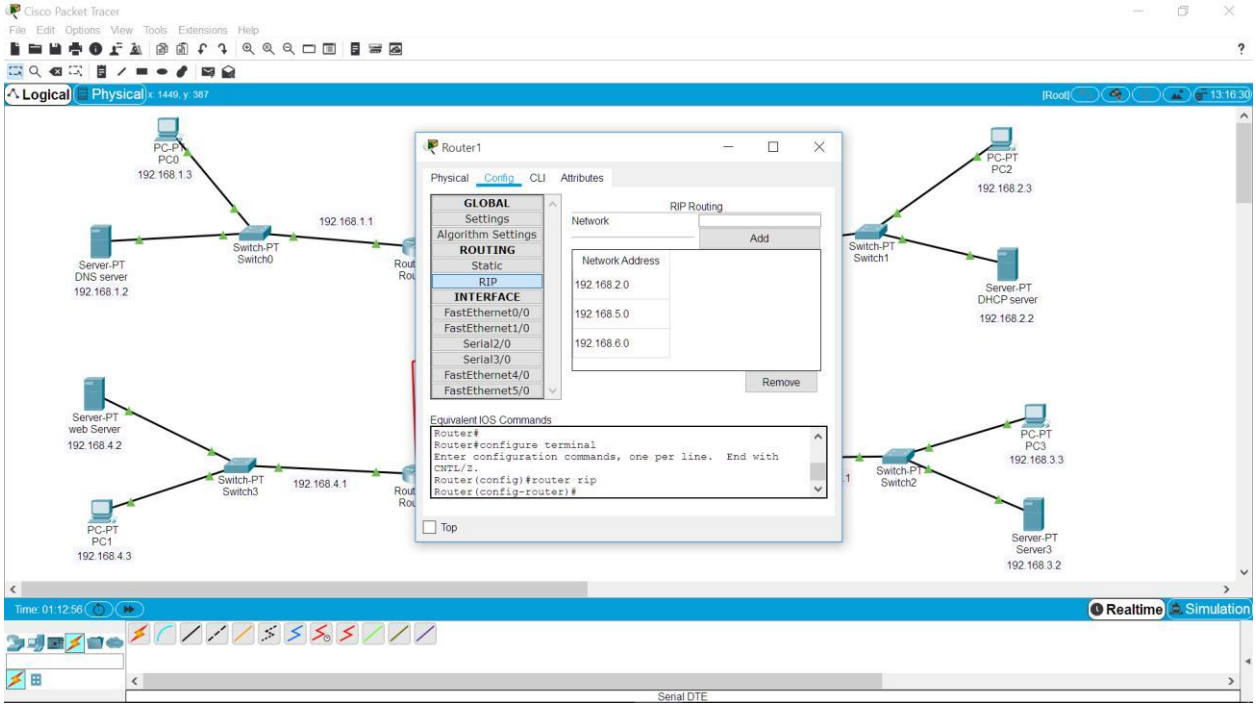
No.3

Konfigurasi routing dinamis menggunakan protocol routing RIP pada masing-masing router

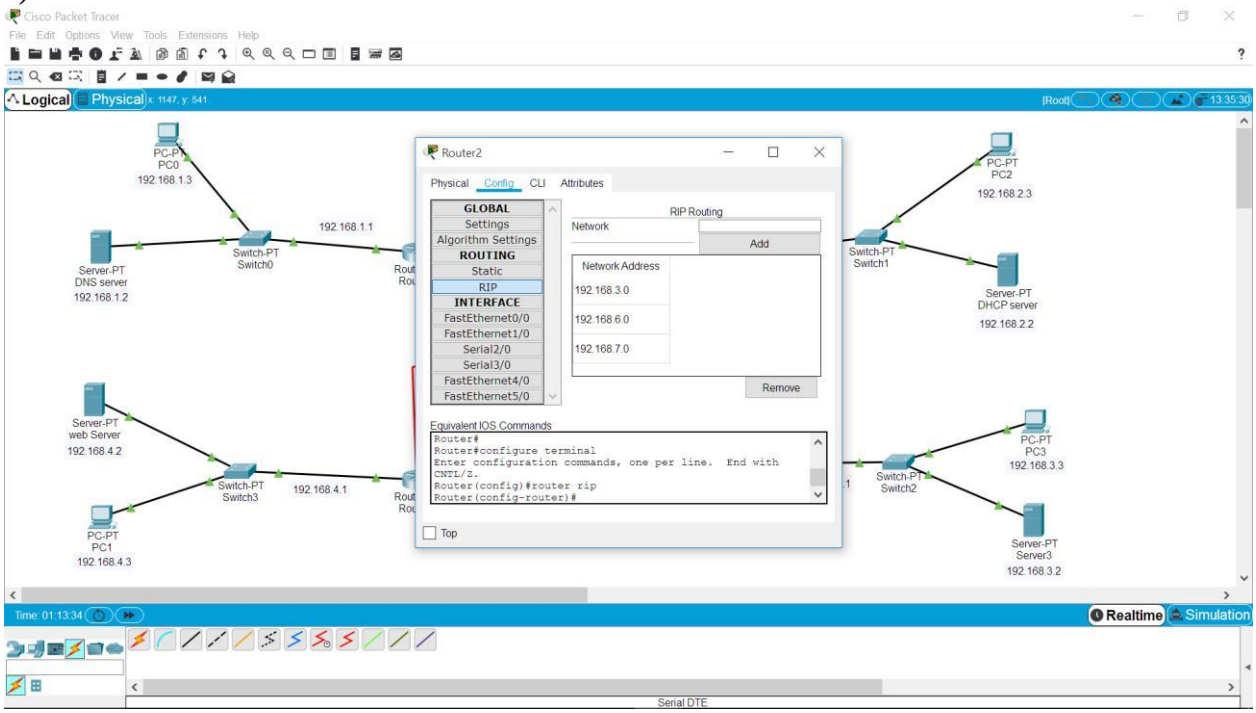
a)router 0



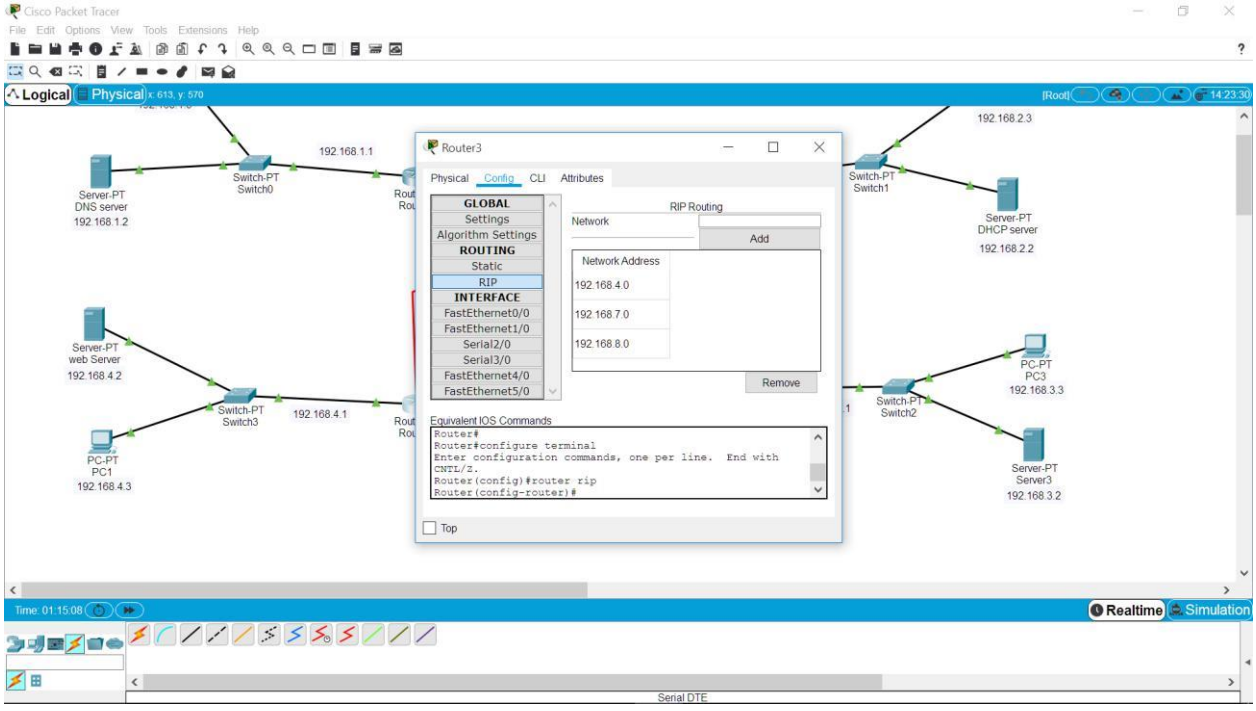
b)router 1



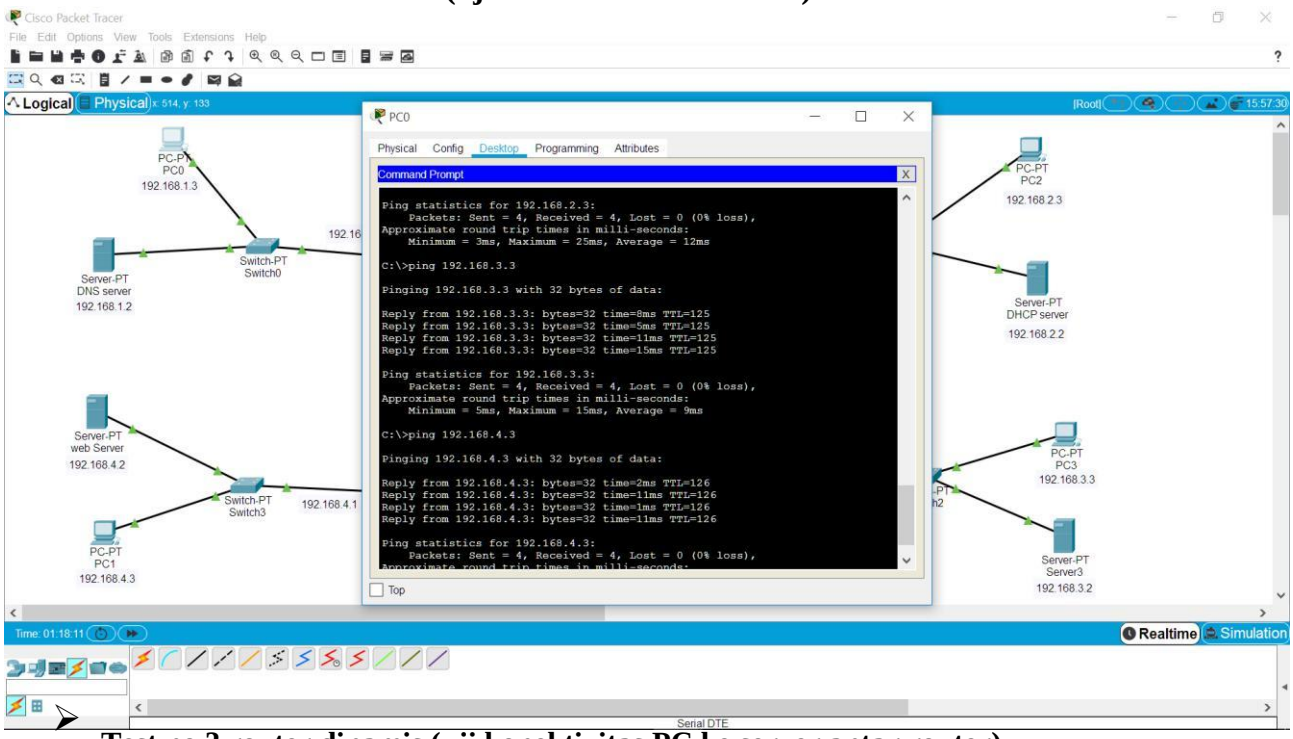
c)router 2



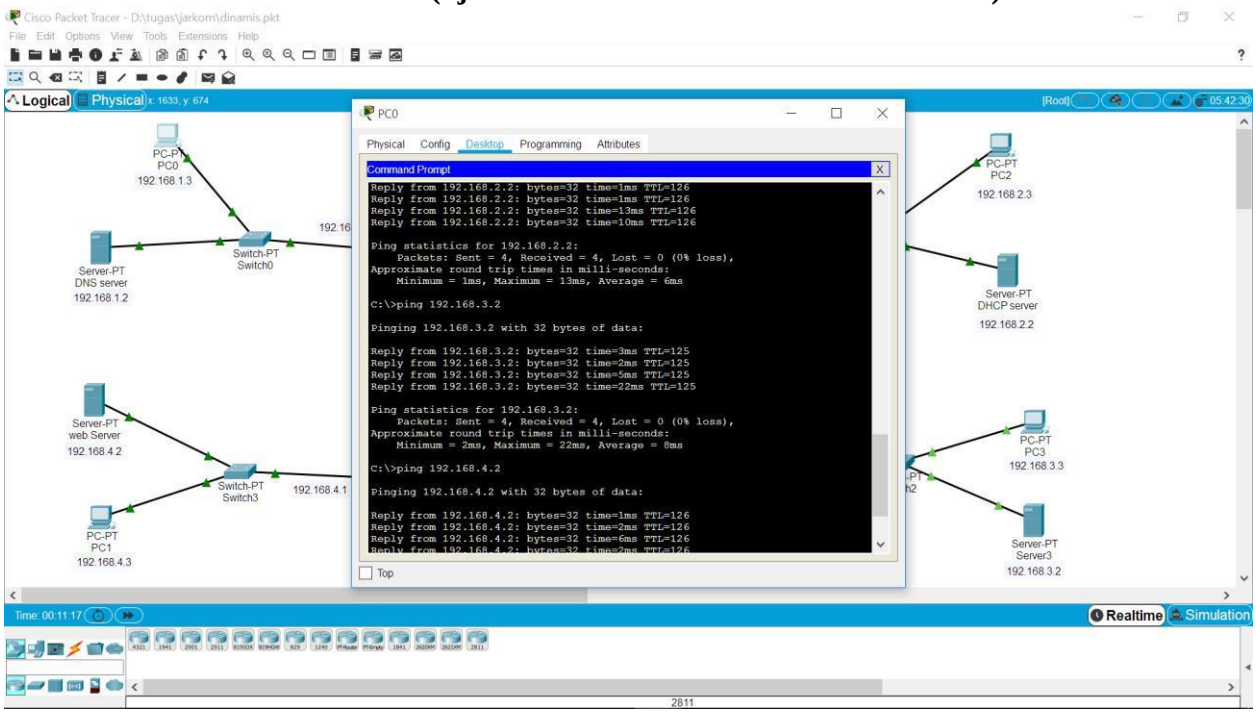
d)router 3



➢ **Test no.3 router dinamis (uji konektivitas antar PC)**



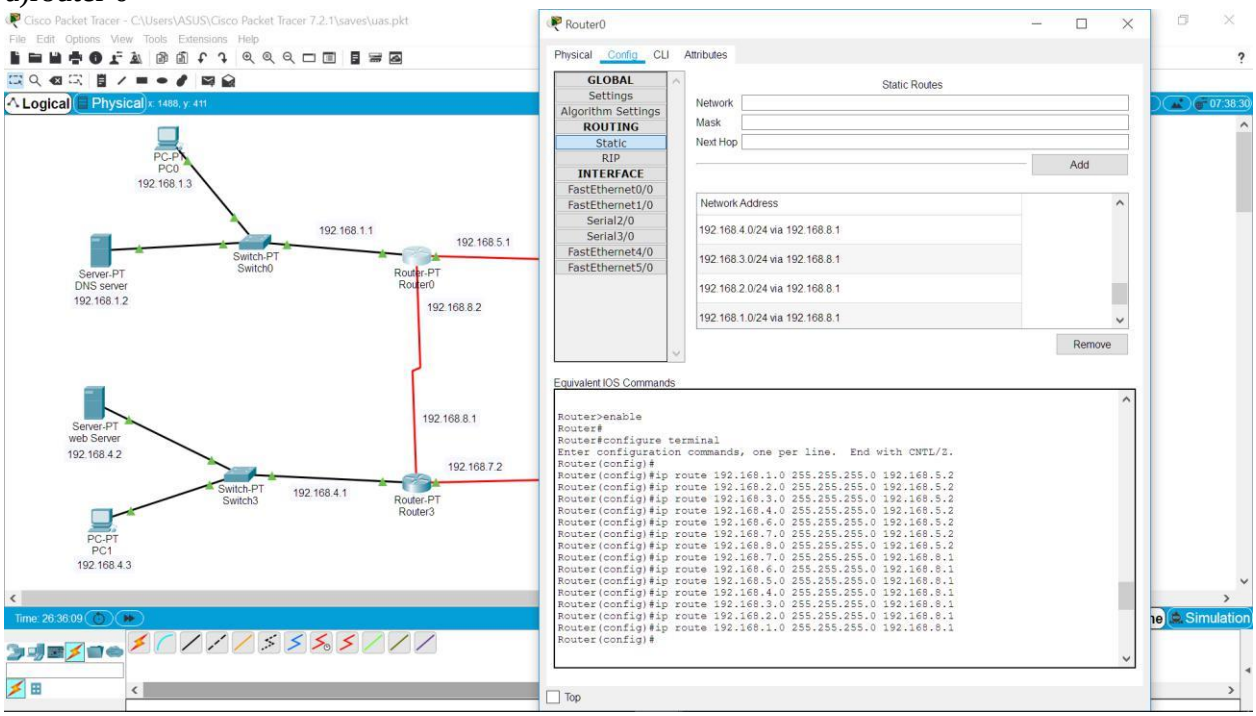
➢ **Test no.3 router dinamis (uji konektivitas PC ke server antar router)**



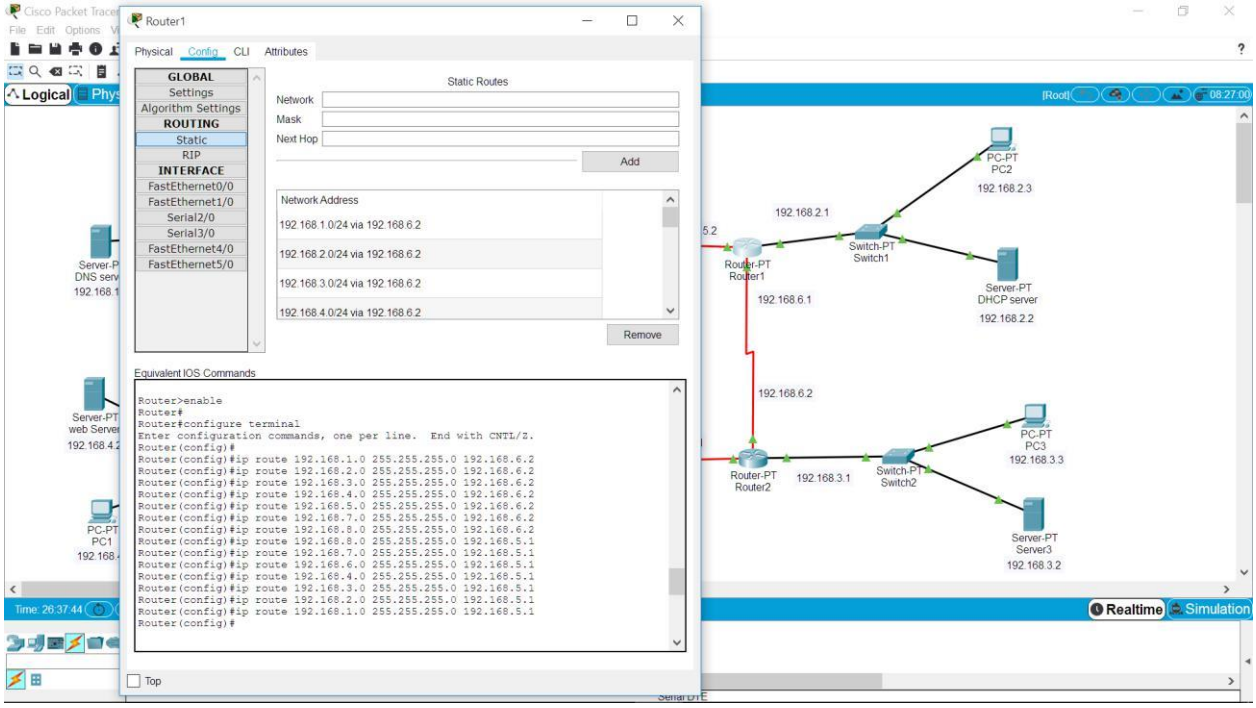
No.4

Konfigurasi router statis

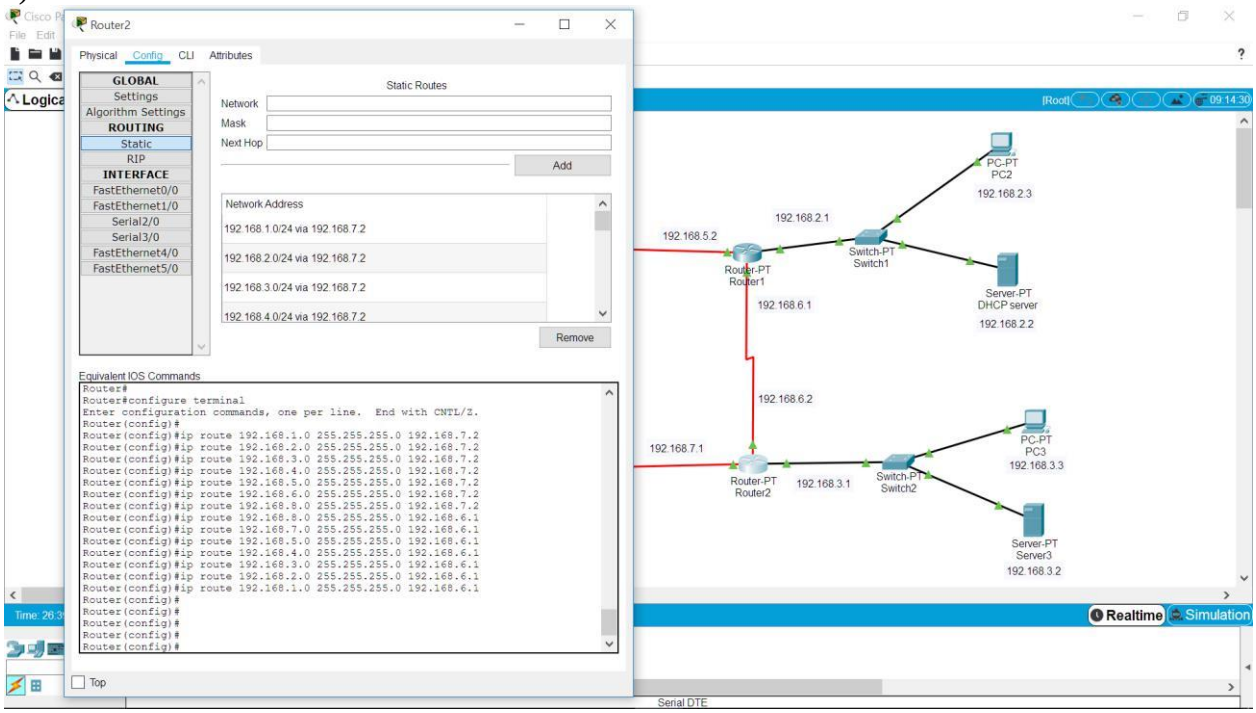
a)router 0



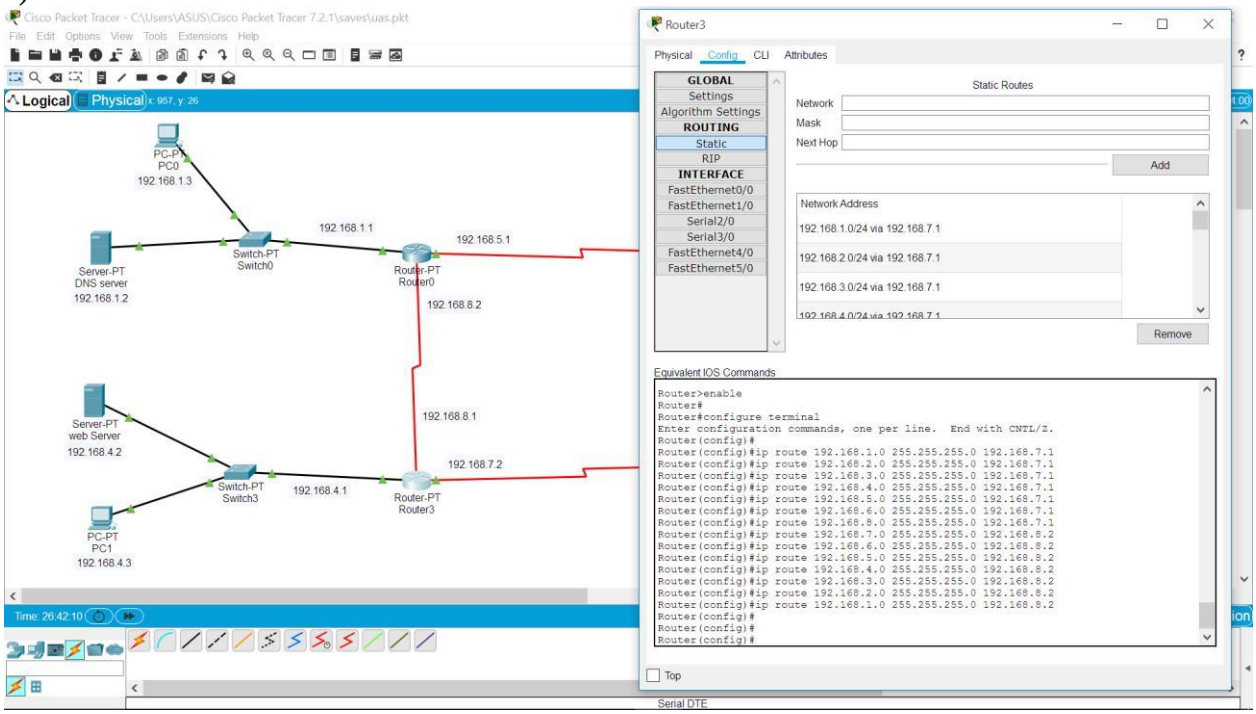
b)router 1



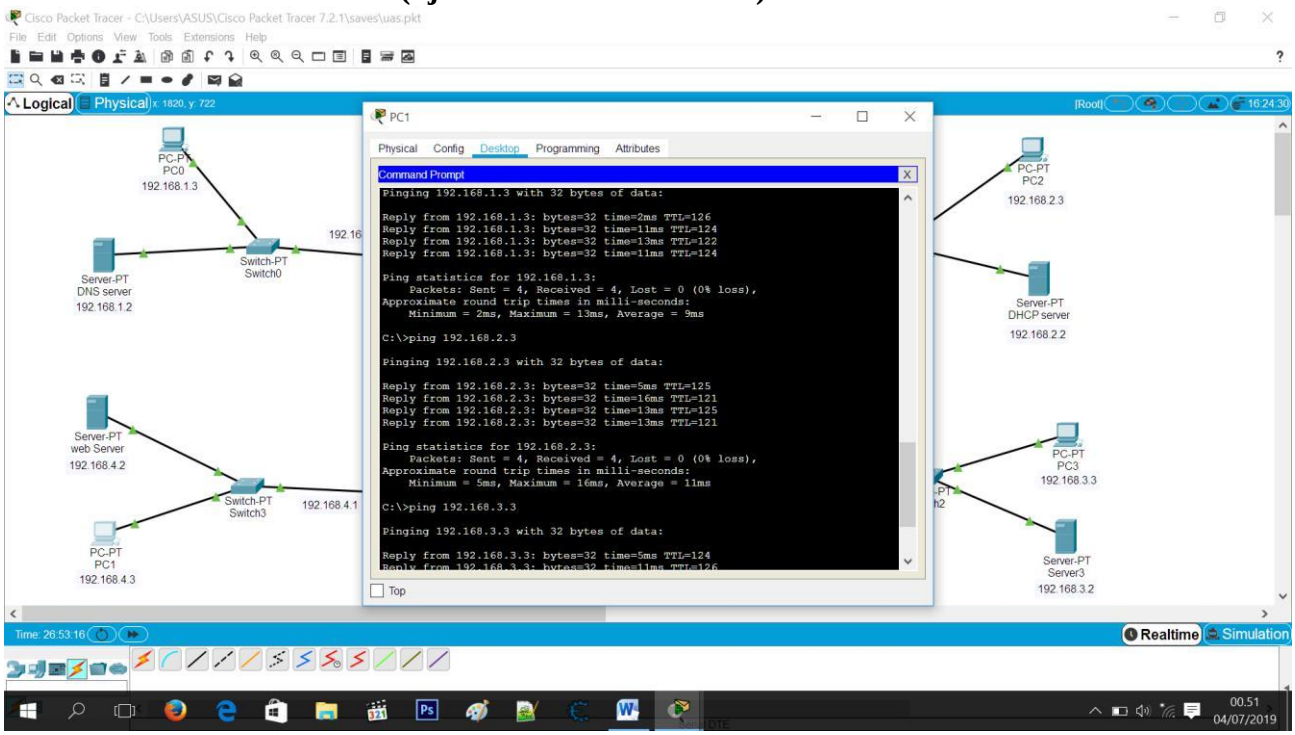
c)router 2



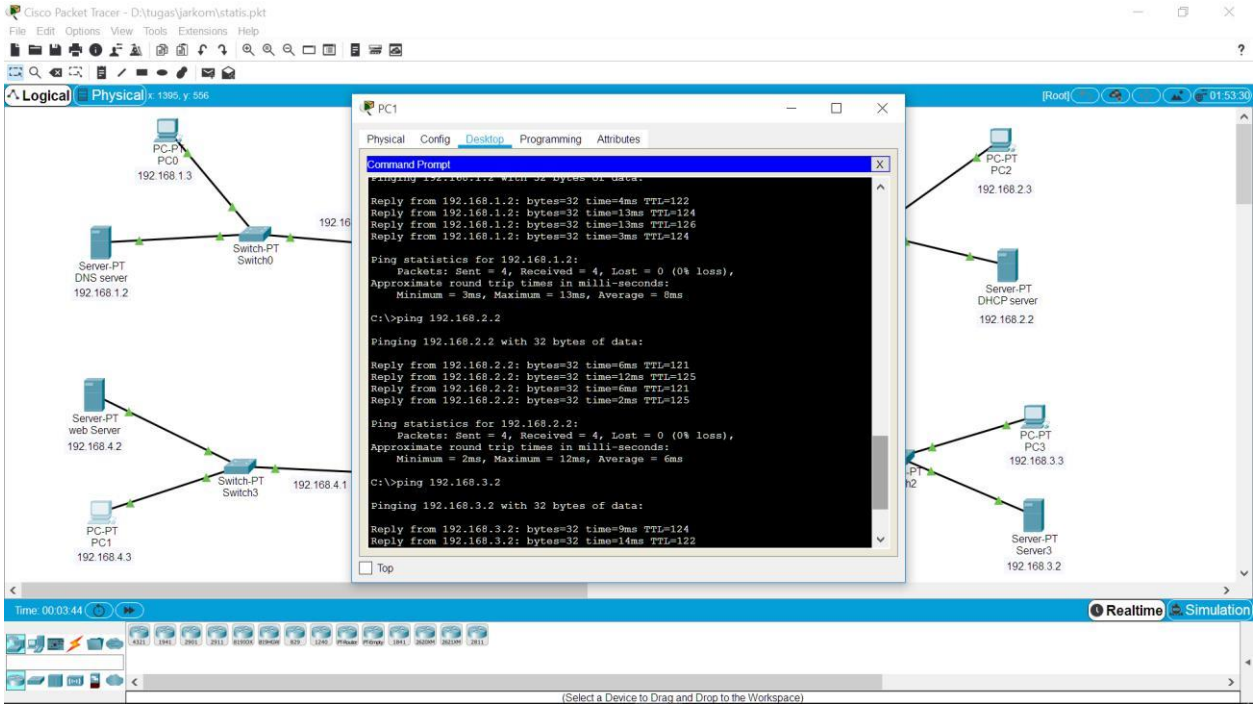
c)router 3



➢ **Test no.4 router statis(uji konektivitas antar PC)**

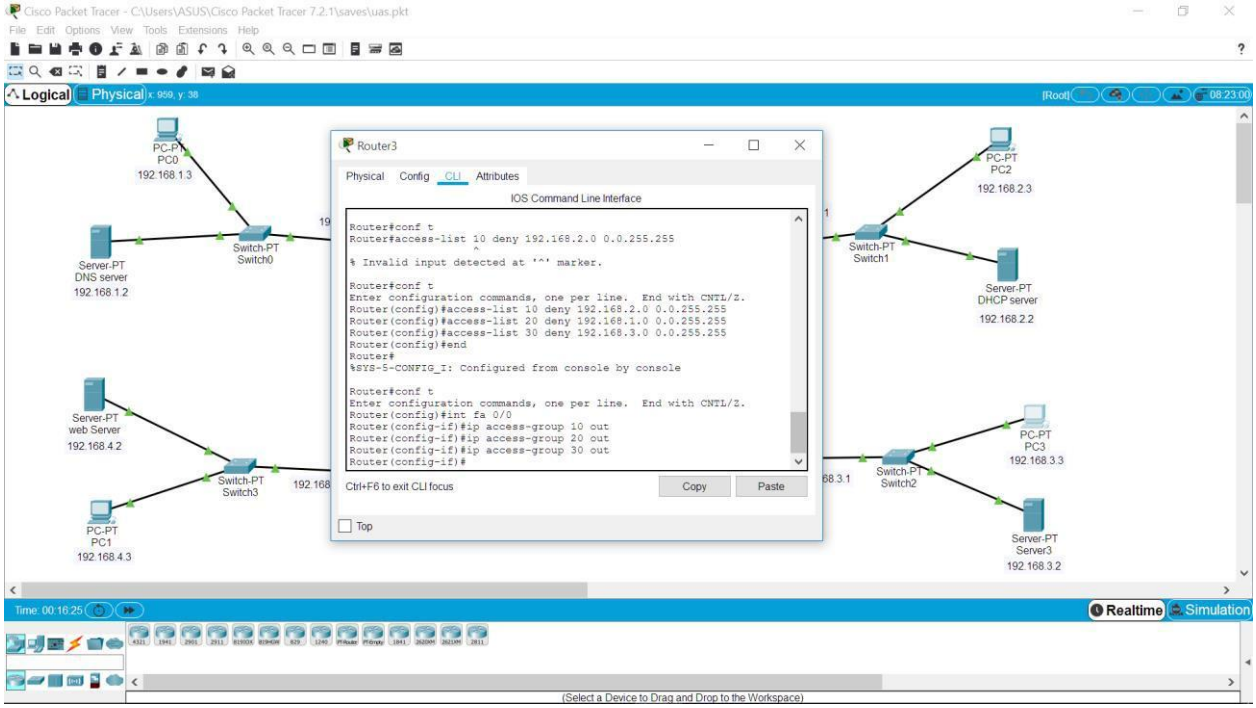


➢ **Test no.4 router statis (uji konektivitas PC ke server antar router)**

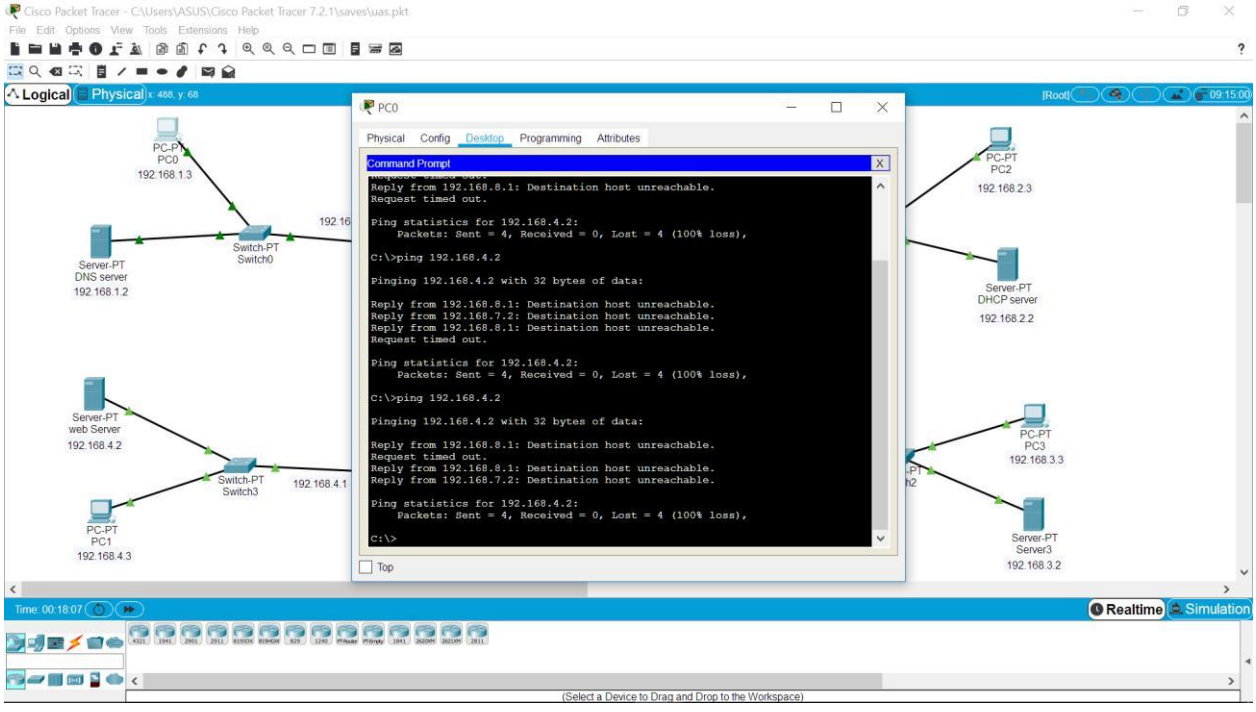


No.5

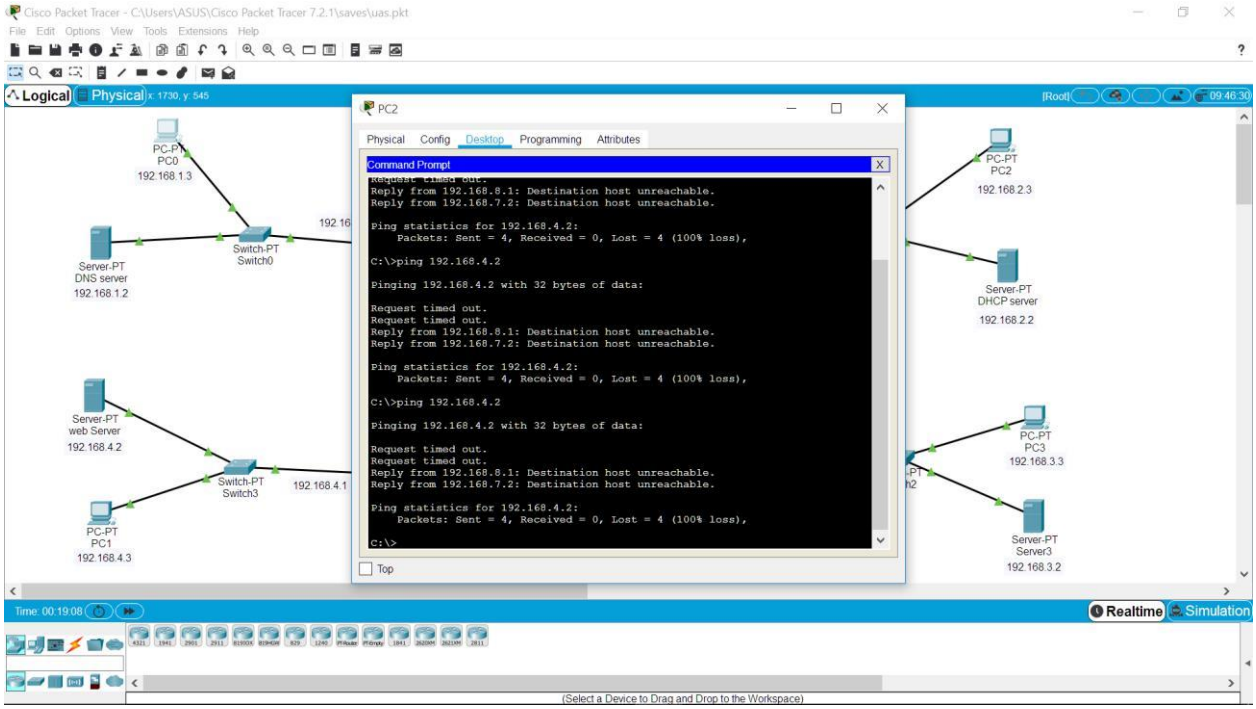
Menggunakan access list untuk membatasi 1 PC saja yang dapat mengakses server web



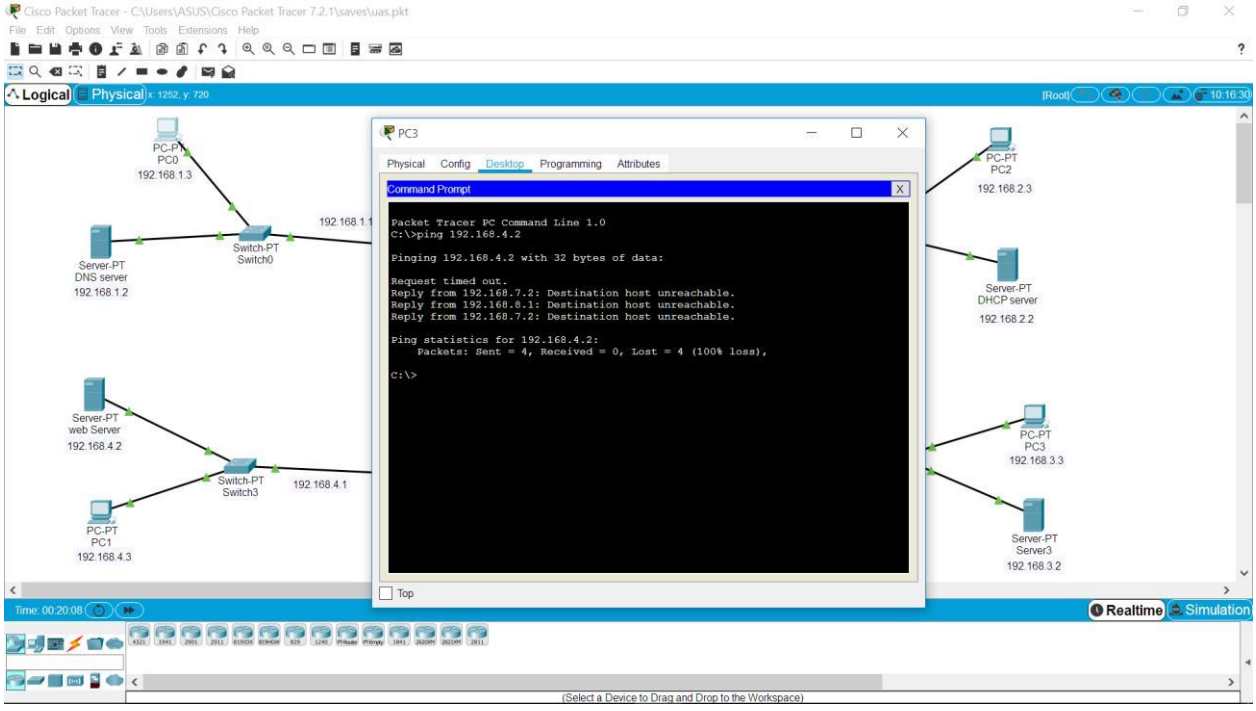
a)Test akses dengan PC 0



b) Test akses dengan PC 2



c) Test akses dengan PC 3



d) Test akses dengan PC 1