| Nama: Daffa Abiyyu Atha | NIM/Kelas: L200170028l/A | UAS |
|---|---|---|

No.1

*Membuat topologi jaringan sebagai berikut:*



No.2
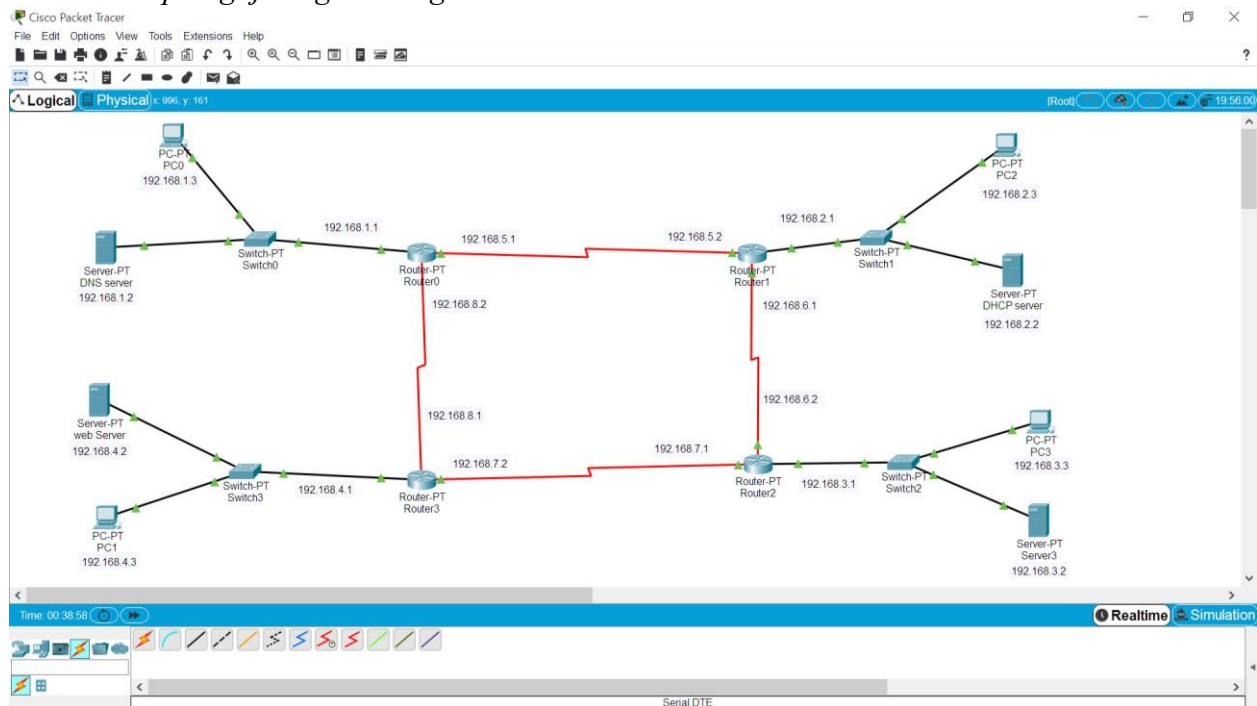
*Konfigursi pengalamatan ip(sesuai gambar diatas(no.1))*

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 |
| SE 3/0 (ip add 192.168.5.2) | | dhcp yang dibuat |
| Fa 0/0 (ip add 192.168.2.1) | | (ip add 192.168.2.3) |

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)

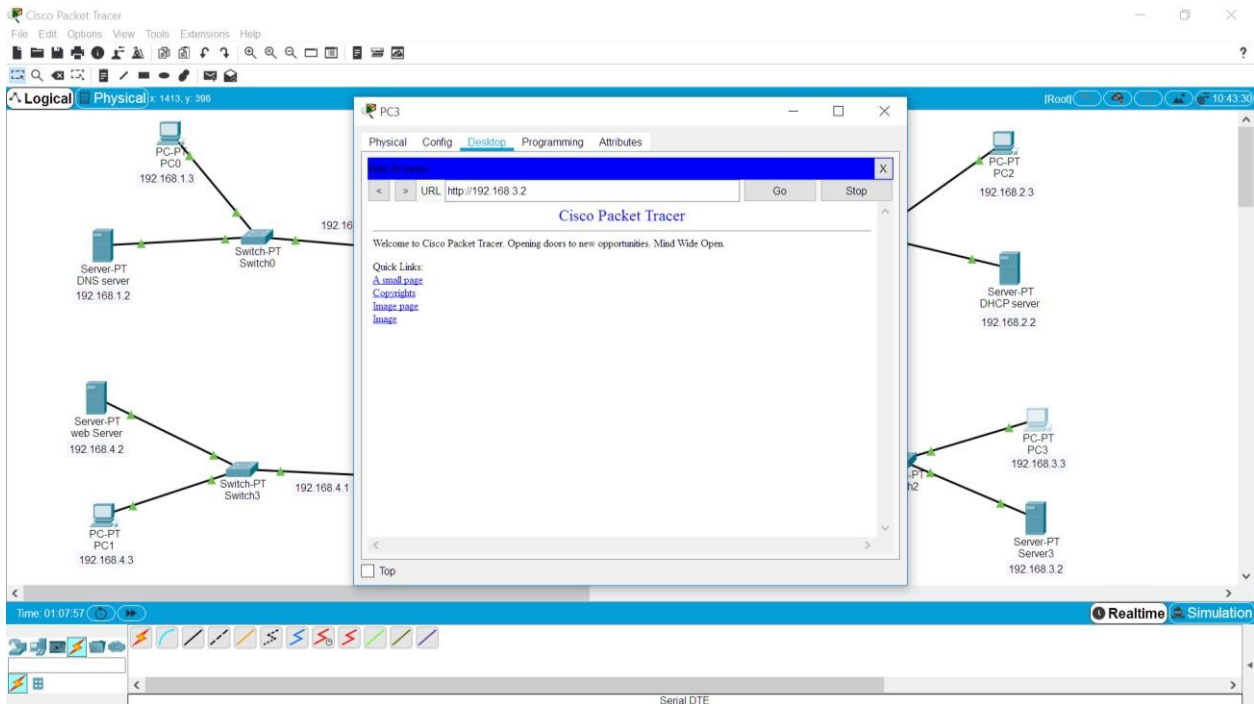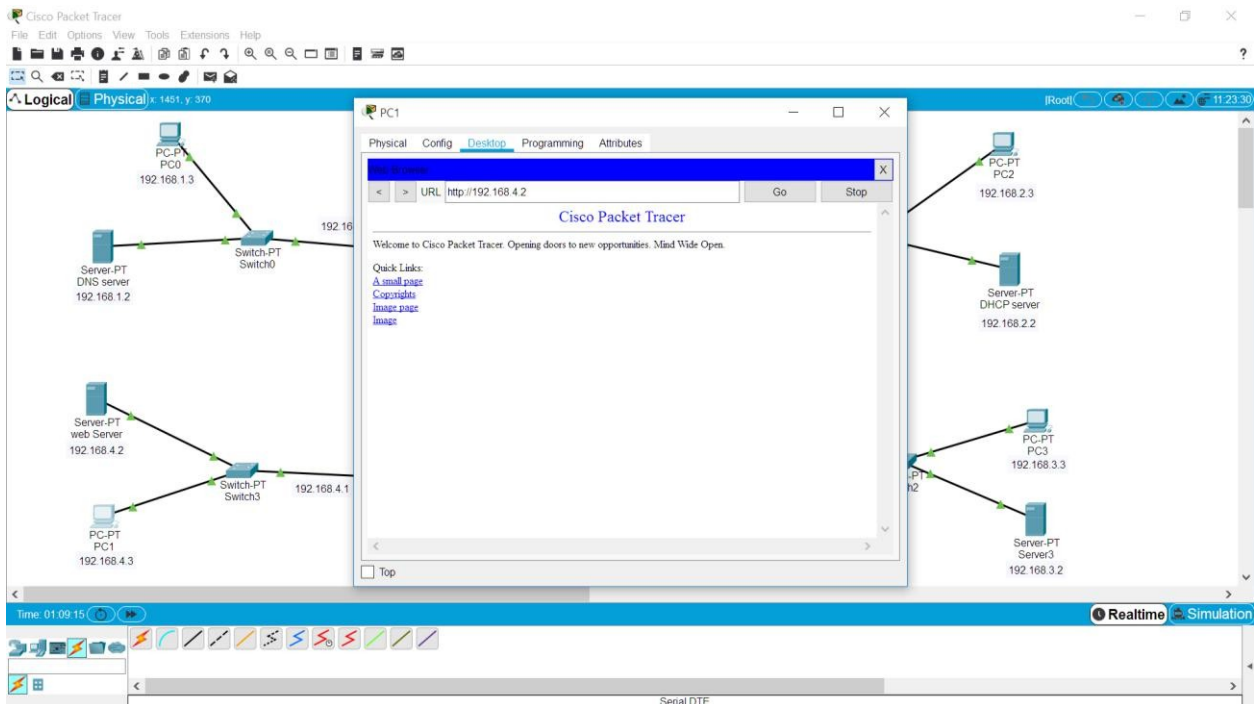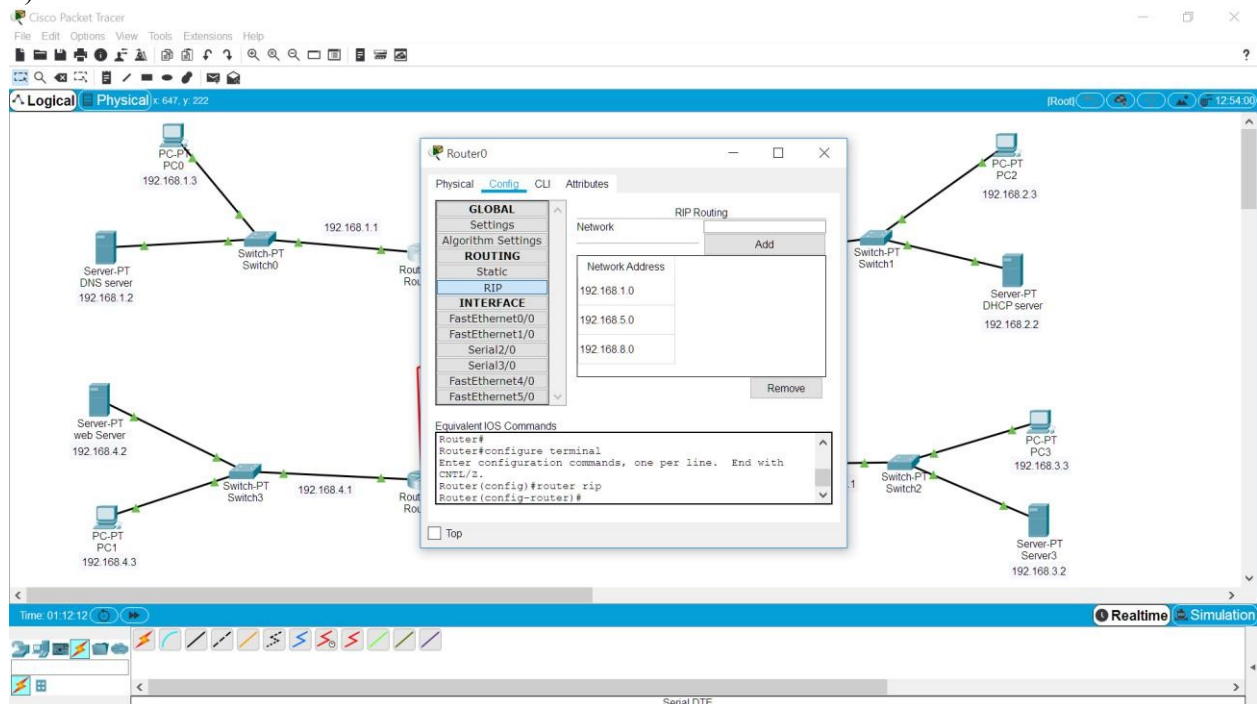| Router 3 | Server Web | PC 1 |
|---|---|---|
| SE 2/0 (ip add 192.168.8.1) | Ip add 192.168.4.2 | Ip add 192.168.4.3 |
| SE 3/0 (ip add 192.168.7.2) | | |
| Fa 0/0 (ip add 192.168.4.1) | | |

*Test no.2*
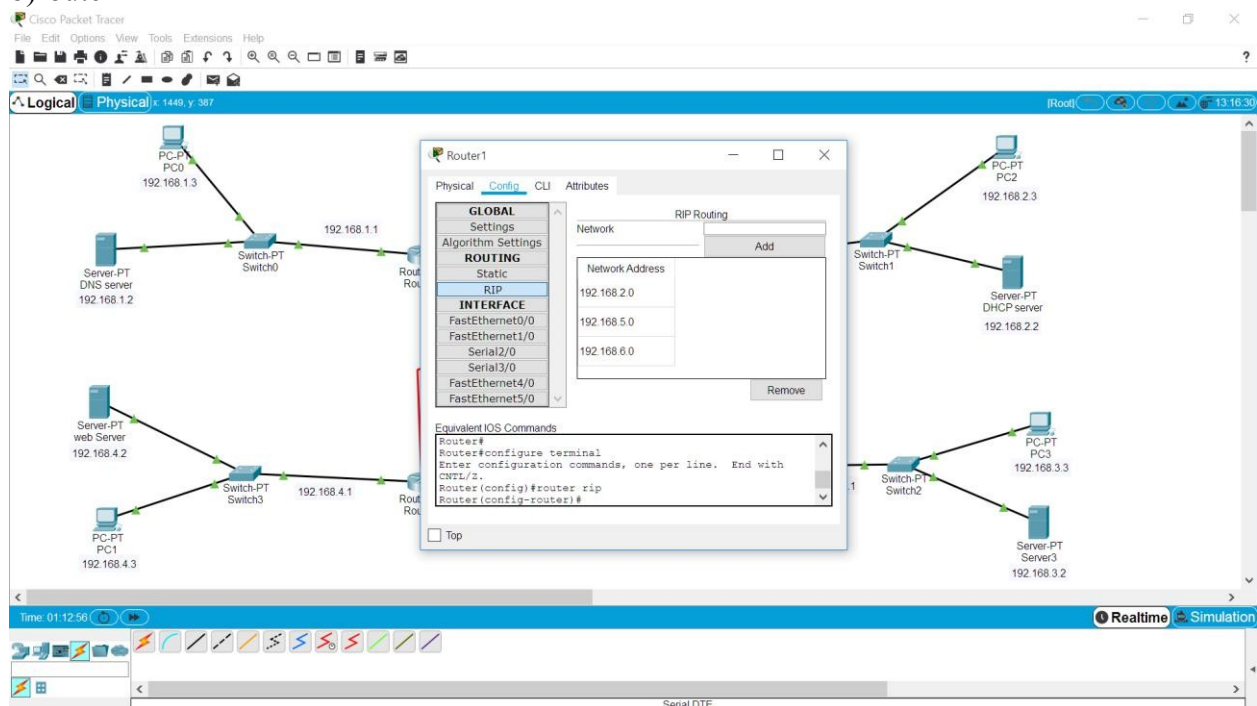- DNS server
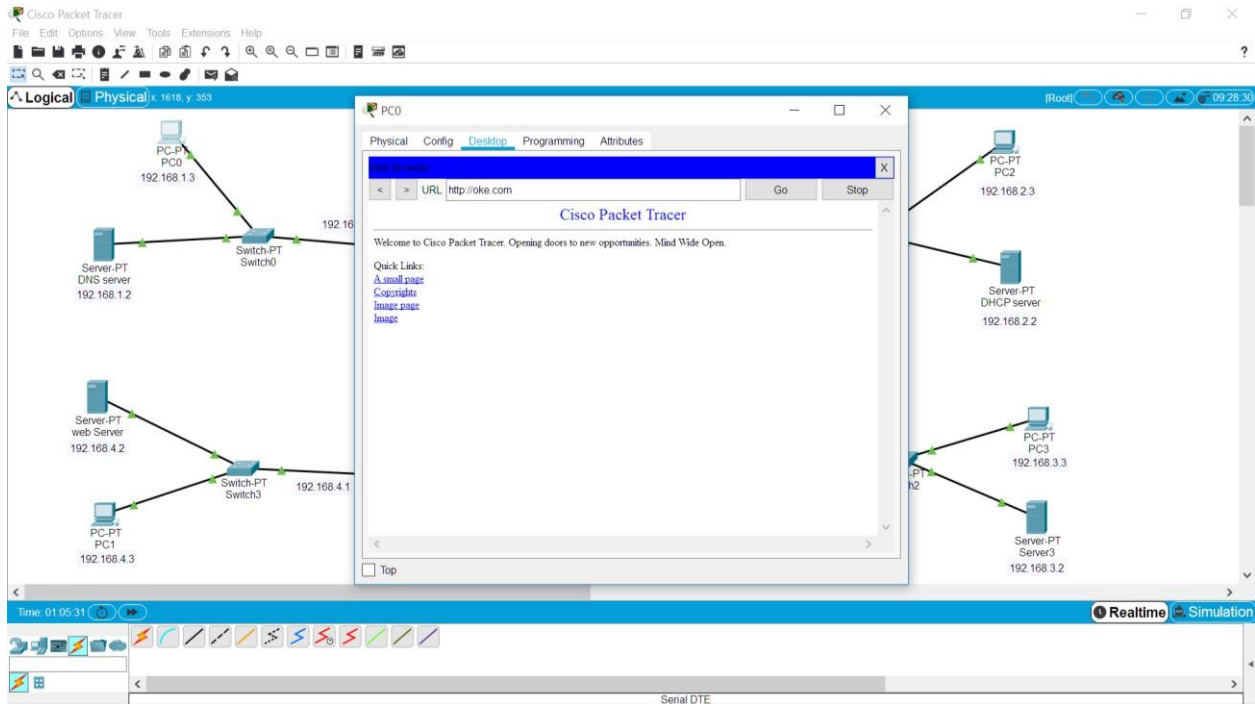


- DHCP Server
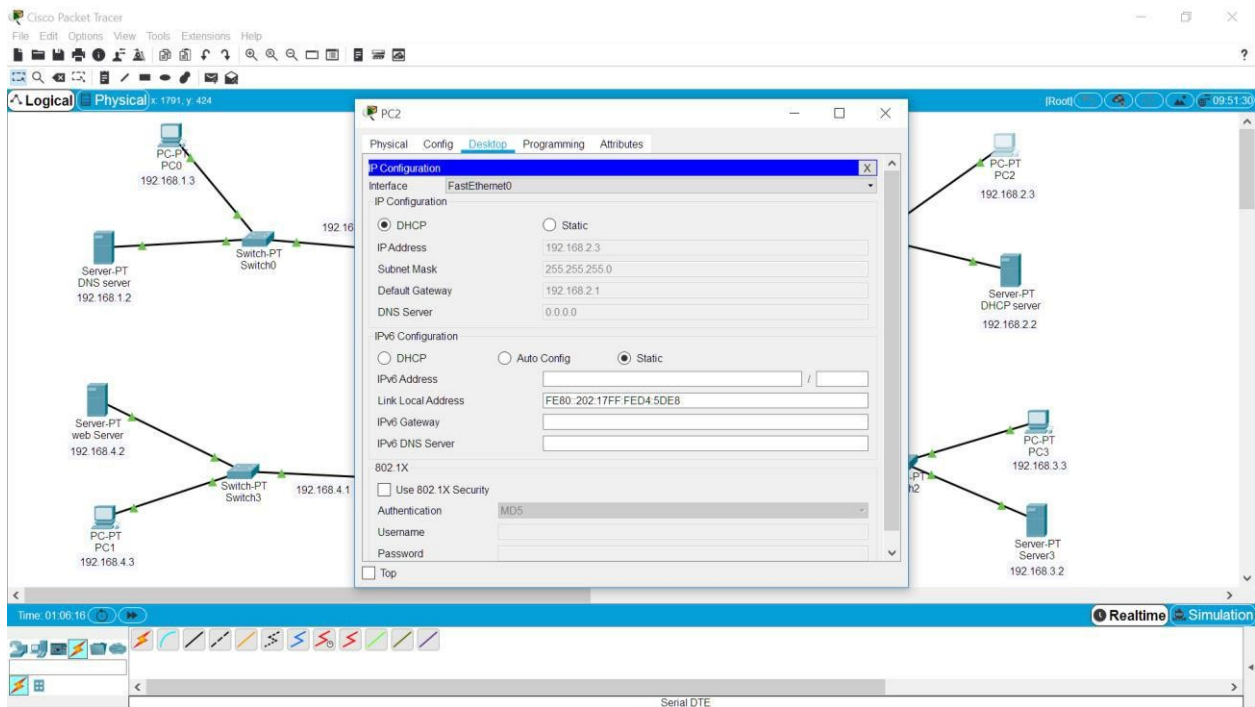
- Server3



- Server Web
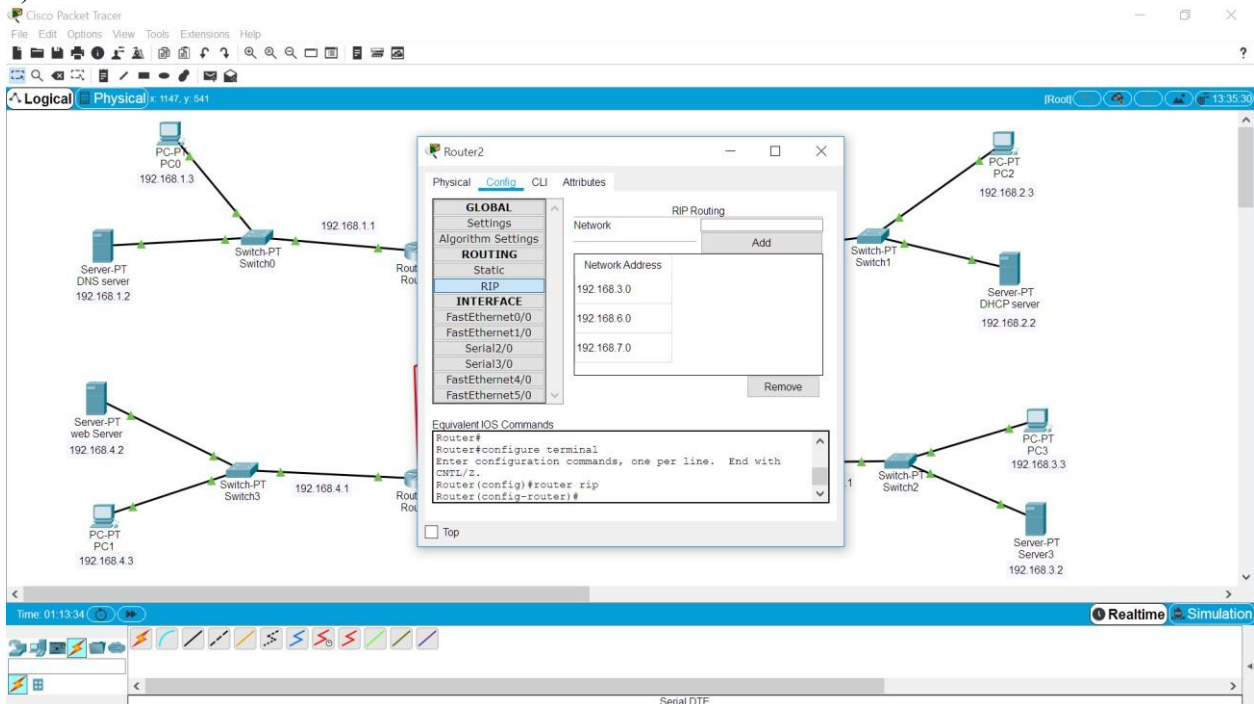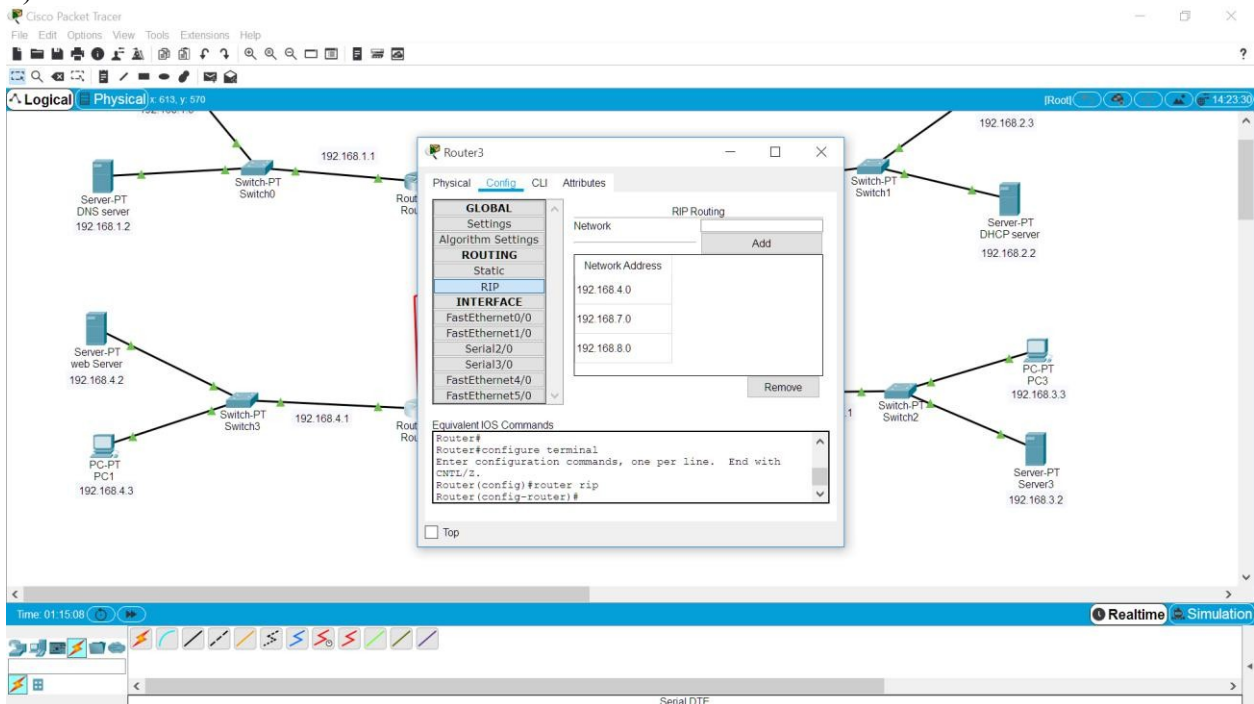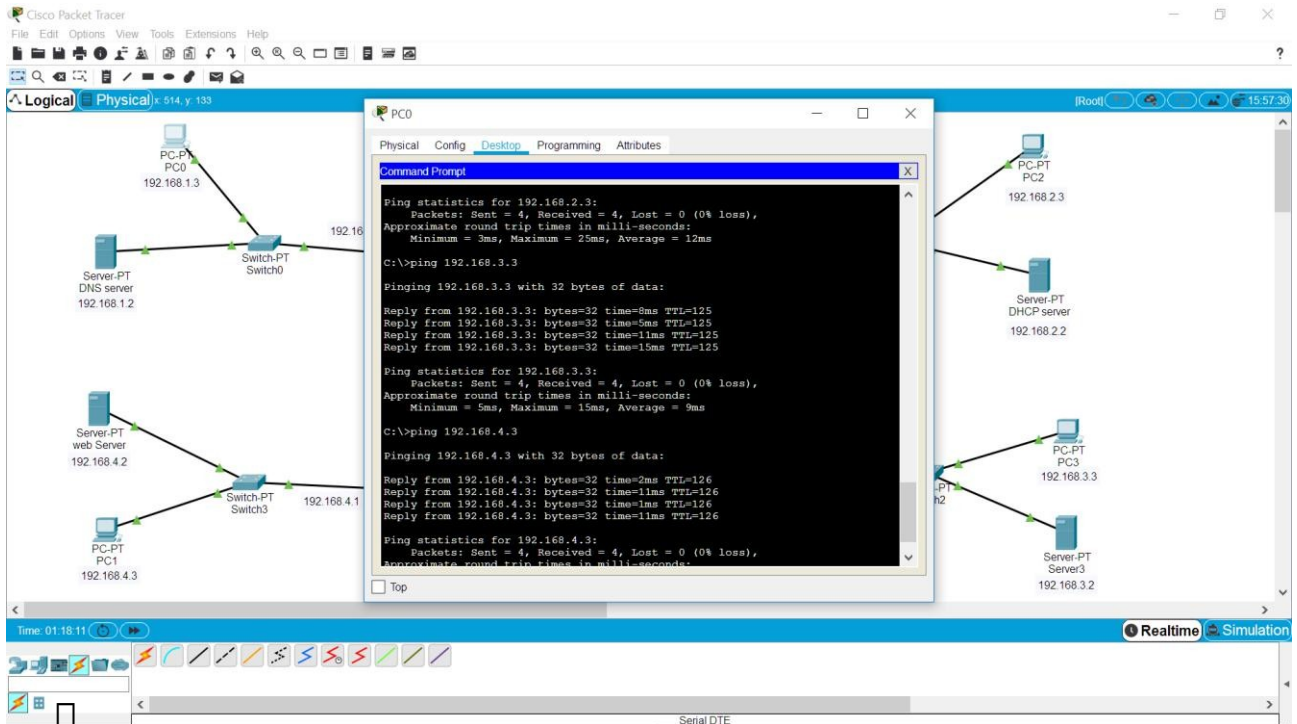
No.3

Konfigurasi routing dinamis
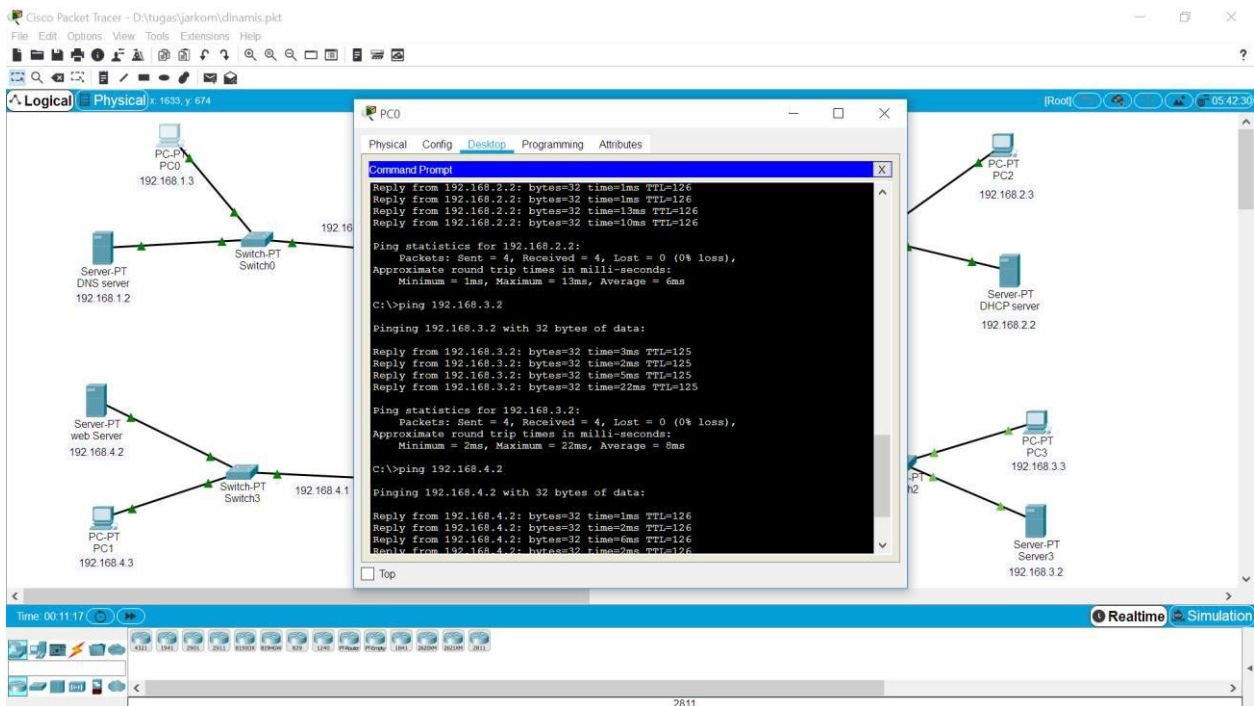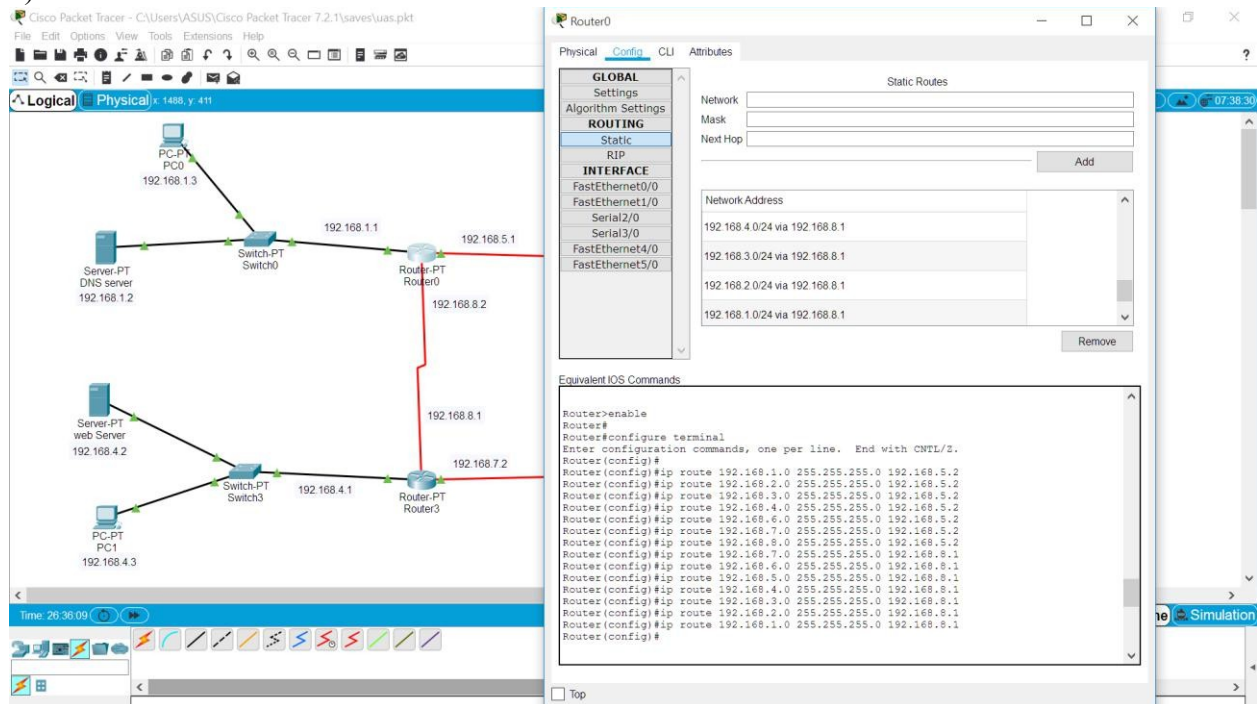
a)router 0



b)router 1

## c)router 2



## d)router 3
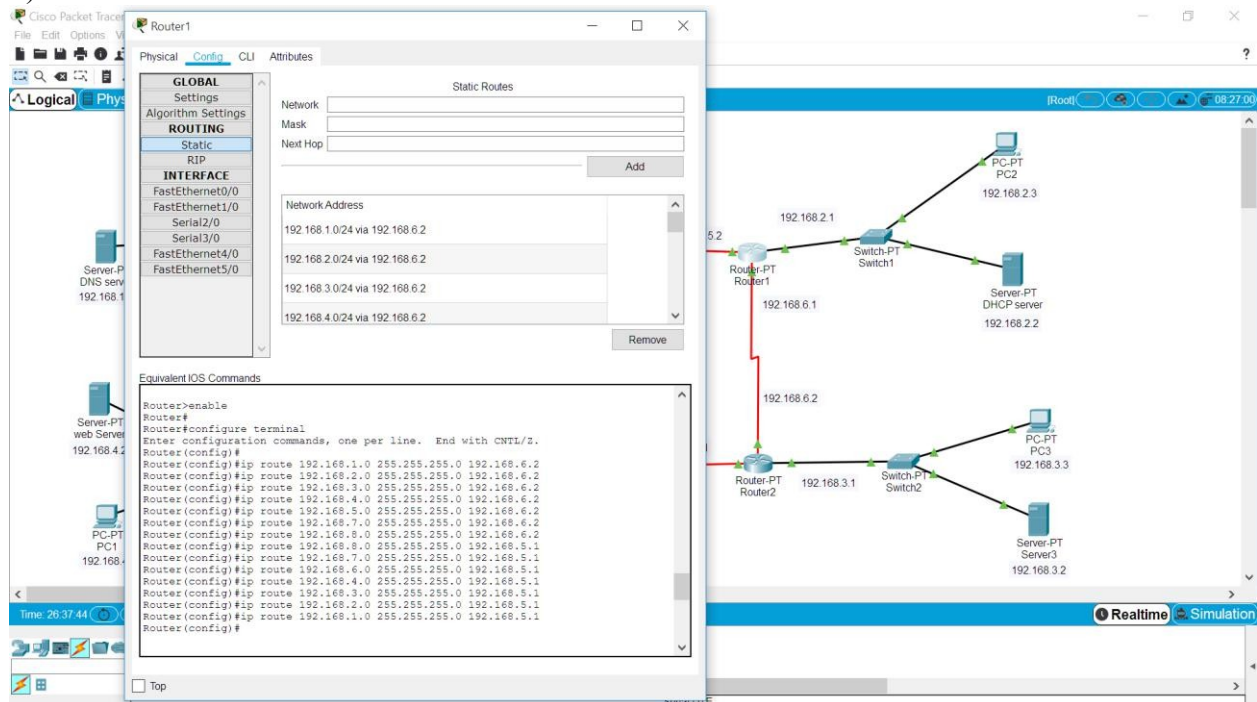
◻ *Test no.3 router dinamis (uji konektivitas antar PC)*



◻ *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

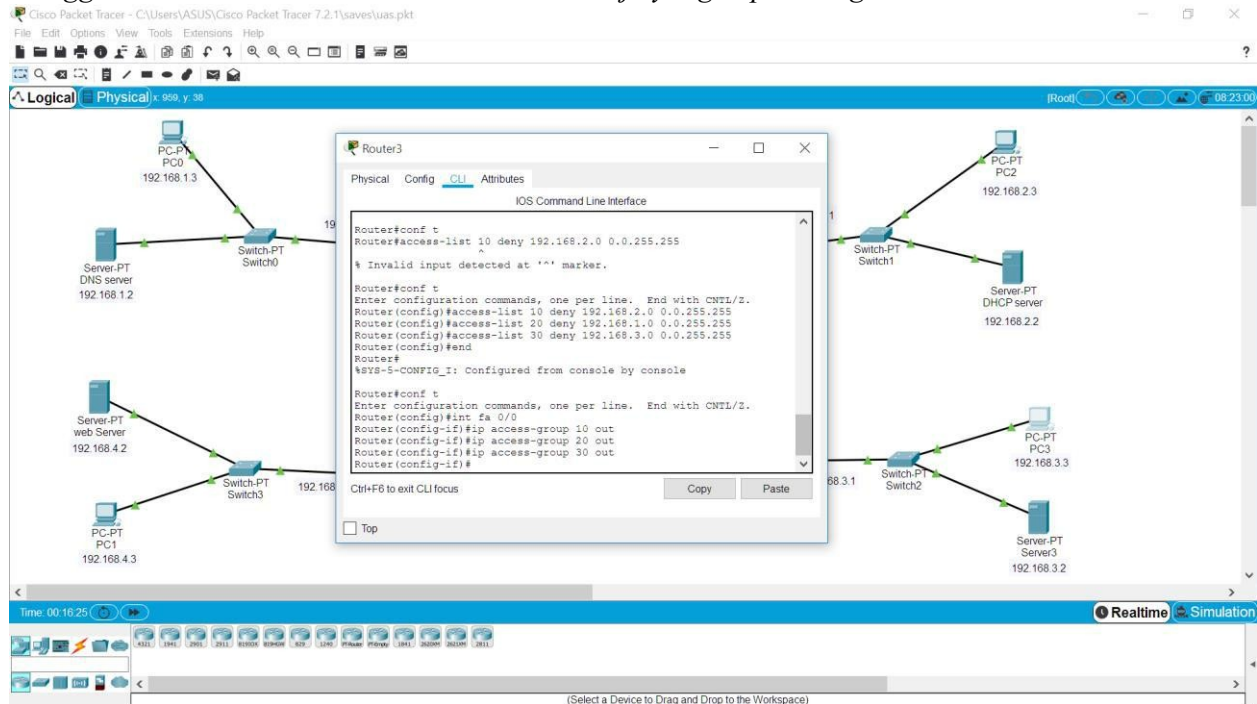*Test no.4 router statis(uji konektivitas antar PC)*



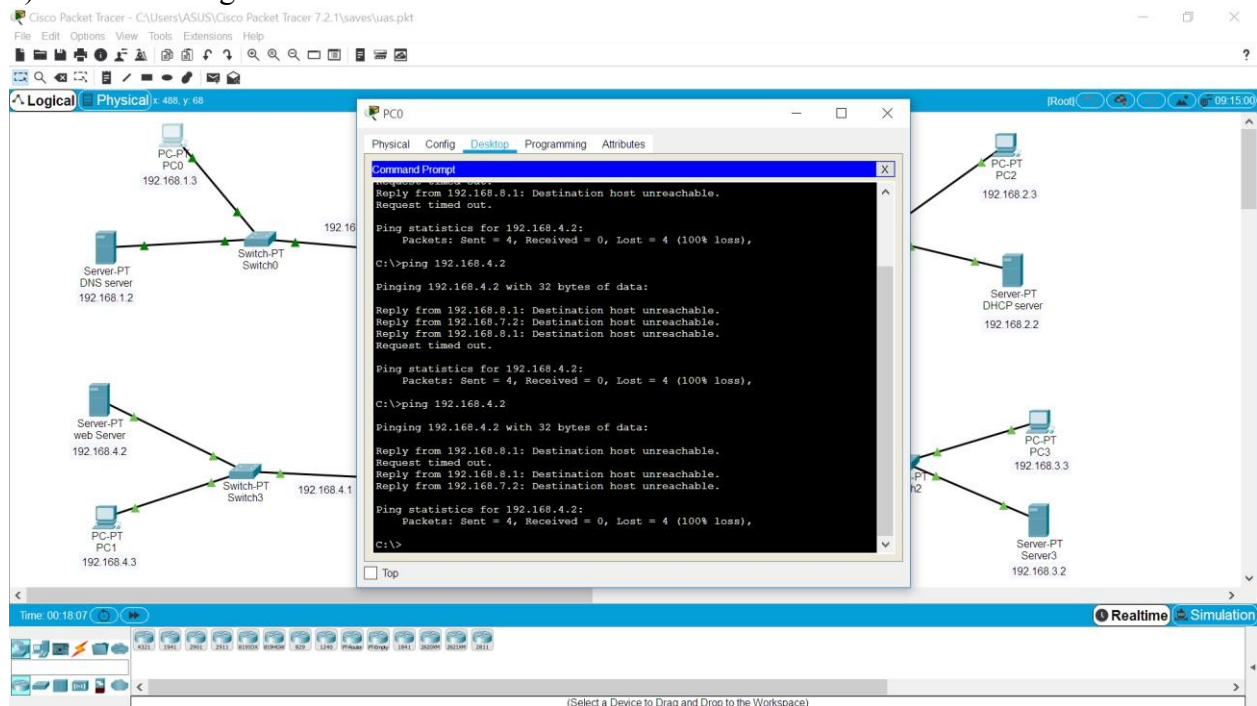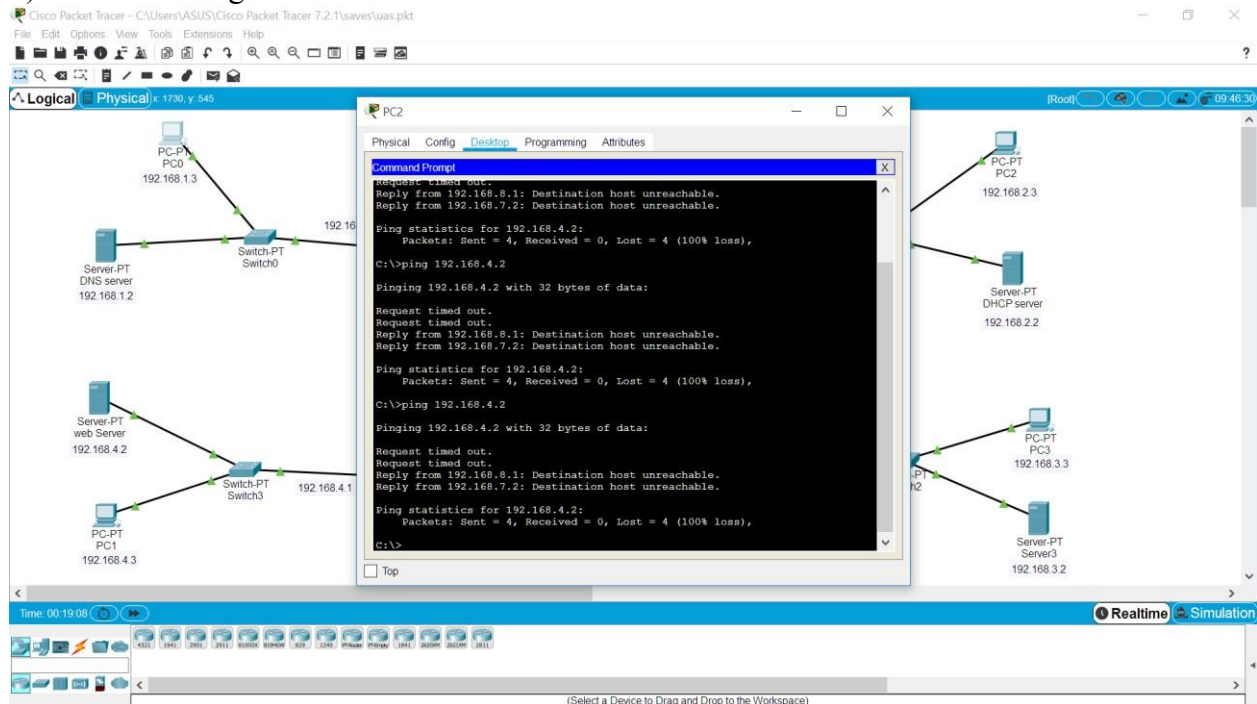 *Test no.4 router statis (uji konektivitas PC ke server antar router)*

No.5
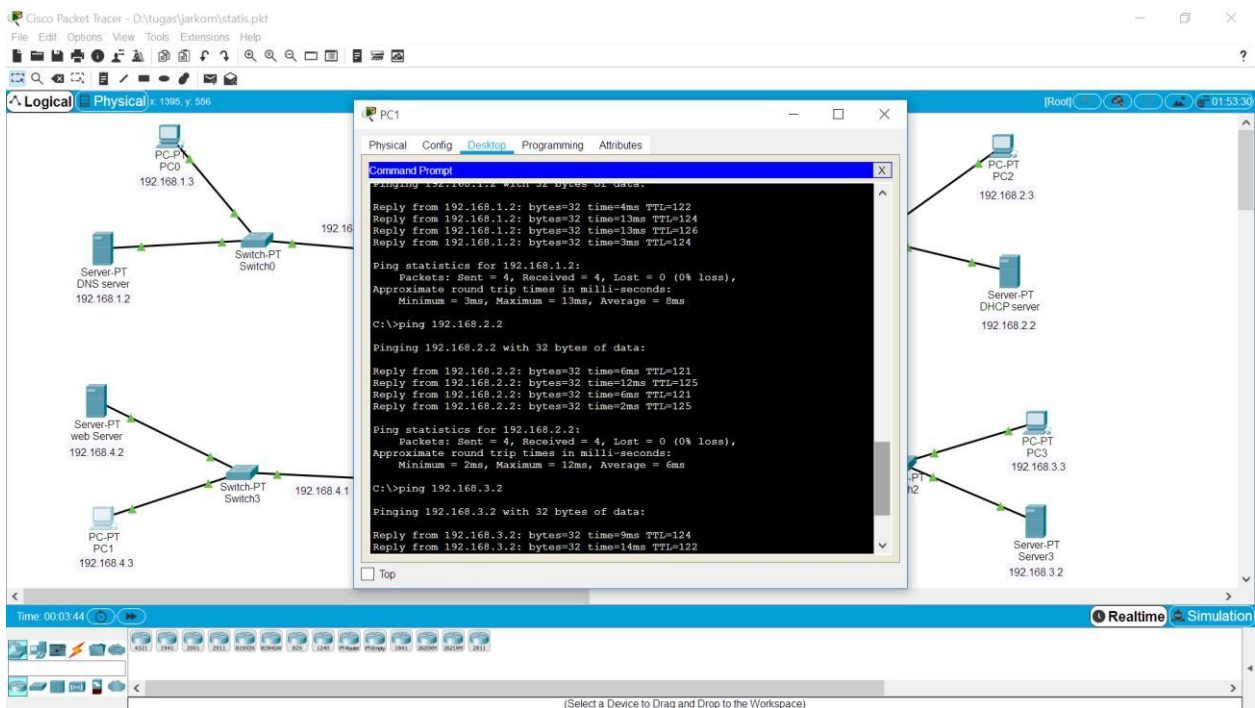
*Menggunkan access list untuk membatasi 1 PC saja yang dapat mengakses server web*
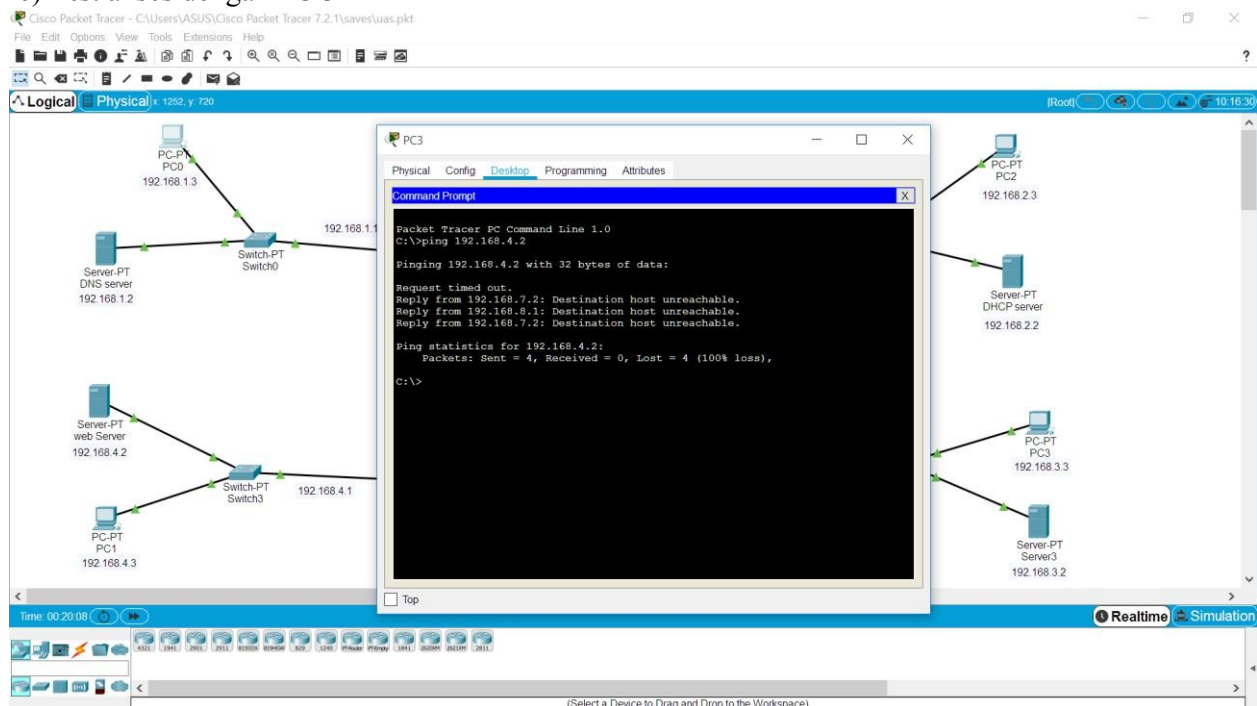


a)Test akses dengan PC 0

## b) Test akses dengan PC 2



## c) Test akses dengan PC 3

d) Test akses dengan PC 1