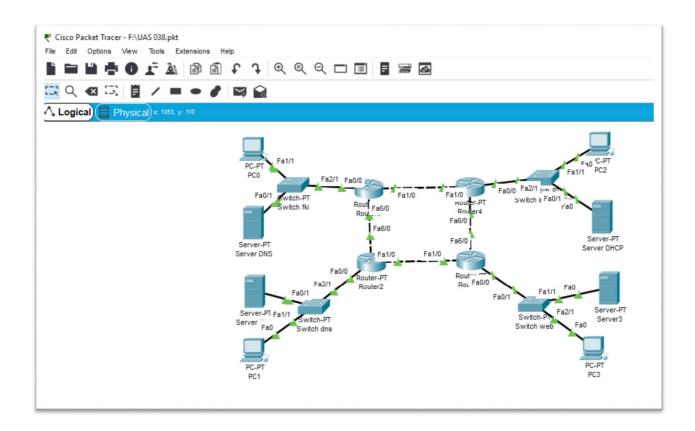
# UAS PRAKTIKUM JARINGAN KOMPUTER

Nama: Alfian Syahrani NIM: L200170038

Kelas : A

No.1 Membuat topologi jaringan sebagai berikut:

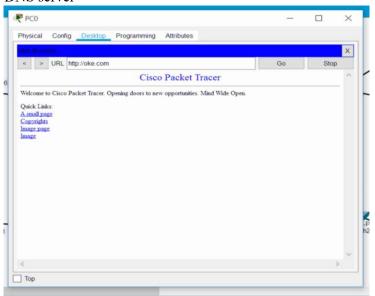


No.2 Konfigursi pengalamatan ip(sesuai gambar diatas(no.1)) a)

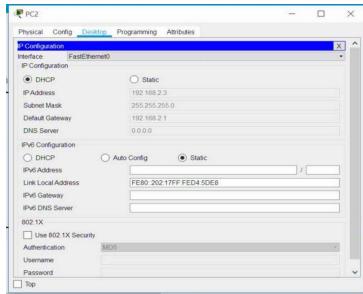
<u>a)</u>		
Router 0	Server DNS	PC 0
SE 2/0 (ip add 192.168.5.1)	Ip add 192.168.1.2	Ip add 192.168.1.3
SE 3/0 (ip add 192.168.8.2)		
Fa 0/0 (ip add 192.168.1.1)		
b)		
Router 1	Server DHCP	PC 2
SE 2/0 (ip add 192.168.6.1)	Ip add 192.168.2.2	Otomatis sesuai pengaturan
SE 3/0 (ip add 192.168.5.2)		dhcp 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

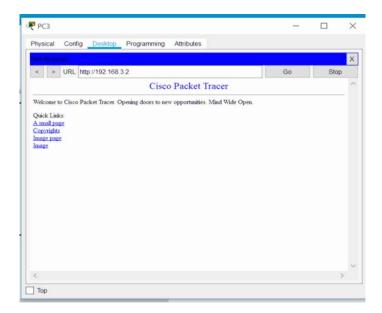
#### □ DNS server



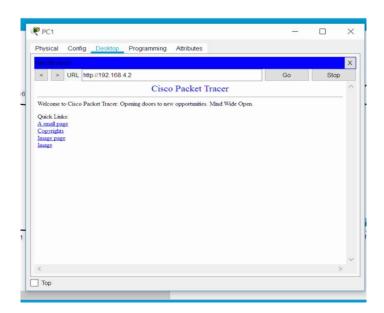
#### □ DHCP Server



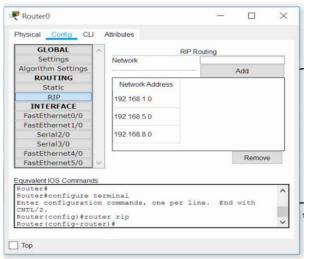
## ☐ Server3



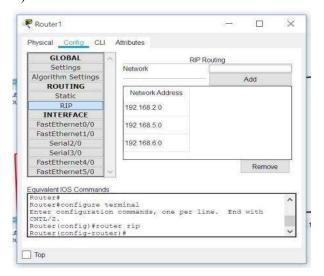
#### ☐ Server Web



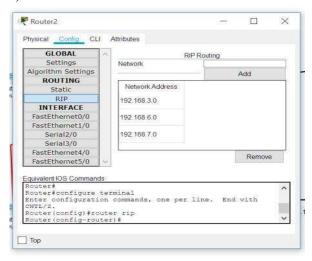
## No.3 Konfigurasi routing dinamis a)router 0



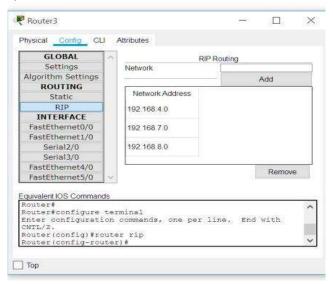
#### b)router 1



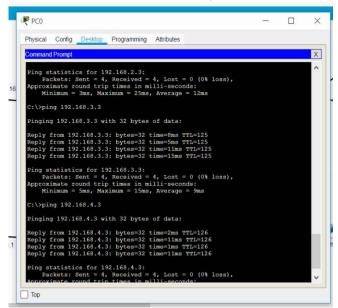
#### c)router 2



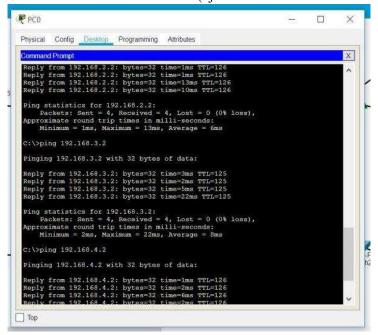
#### d)router 3



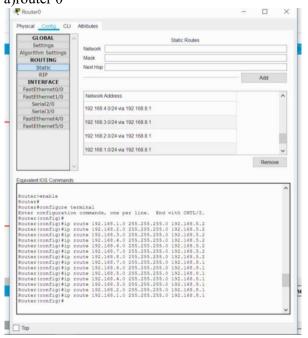
Test no.3 router dinamis (uji konektivitas antar PC)



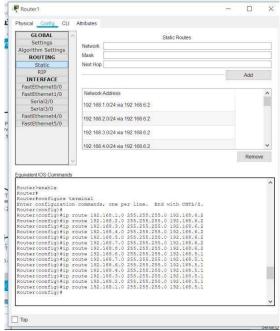
Test no.3 router dinamis (uji konektivitas PC ke server antar router)



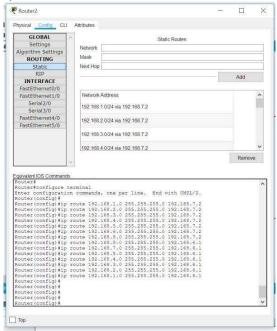
# No.4 Konfigurasi router statis a)router 0



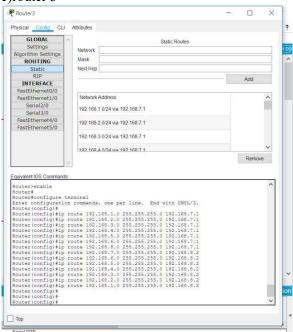
# b)router 1



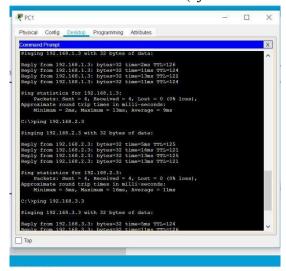
#### c)router 2



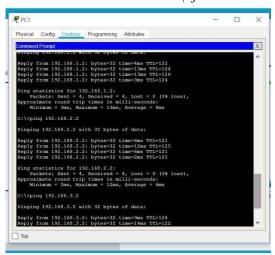
#### c)router 3



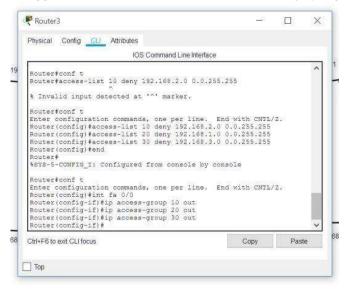
Test no.4 router statis(uji konektivitas antar PC)



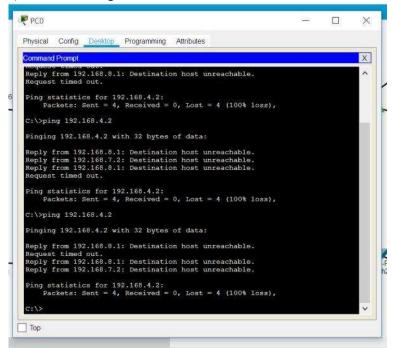
Test no.4 router statis (uji konektivitas PC ke server antar router)



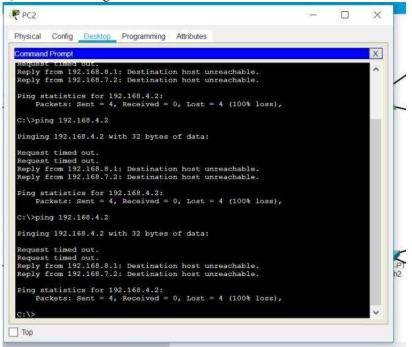
No.5 Menggunkan access list untuk membatasi 1 PC saja yang dapat mengakses server web



#### a)Test akses dengan PC 0



b) Test akses dengan PC 2



c) Test akses dengan PC 3

```
Physical Config Desklop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 192.168.4.2 with 32 bytes of data:
Request timed out.
Reply from 192.168.7.2: Destination host unreachable.
Reply from 192.168.7.2: Destination host unreachable.
Reply from 192.168.7.2: Destination host unreachable.
Ping statistics for 192.168.4.2:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

## d) Test akses dengan PC 1

```
Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 192.168.4.2

Pinging 192.168.4.2 with 32 bytes of data:
Reply from 192.168.4.2: bytes=32 time=lms TTL=128
Reply from 192.168.4.2: bytes=32 timeclms TTL=128
Reply from 192.168.4.2: bytes=32 timeclms TTL=128
Reply from 192.168.4.2: bytes=32 timeclms TTL=128
Ping statistics for 192.168.4.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = Oms, Maximum = lms, Average = Oms

C:\>
```