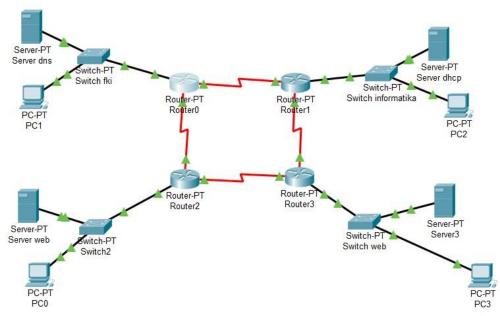
Laporan Praktikum Jaringan Komputer UAS

Nama : Sugiyo

NIM : L200170002

Kelas : A

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 (ip add 192.168.2.3)
Fa 0/0 (ip add 192.168.2.1)		
c)		

Router 2	Server3	PC 3

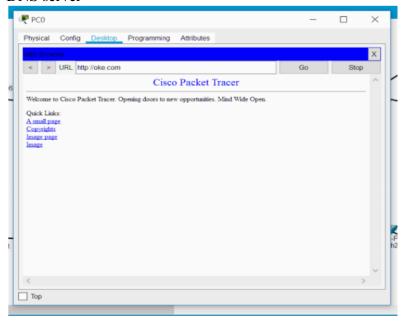
SE 2/0 (ip add 192.168.7.1)	Ip add 192.168.3.2	Ip add 192.168.3.3
SE 3/0 (ip add 192.168.6.2)		
Fa 0/0 (ip add 192.168.3.1)		

d)

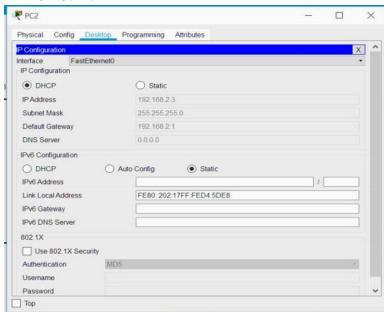
Router 3	Server Web	PC 1
SE 2/0 (ip add 192.168.8.1)	Ip add 192.168.4.2	Ip add 192.168.4.3
SE 3/0 (ip add 192.168.7.2)		
Fa 0/0 (ip add 192.168.4.1)		

Test no.2

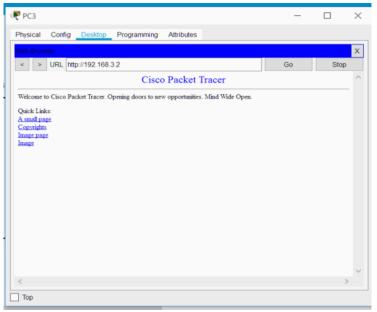
• DNS server



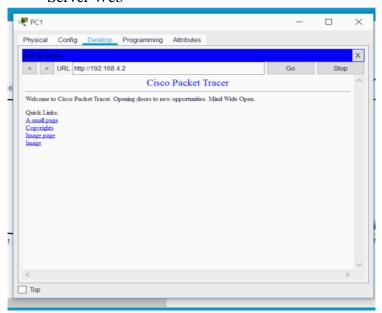
• DHCP Server



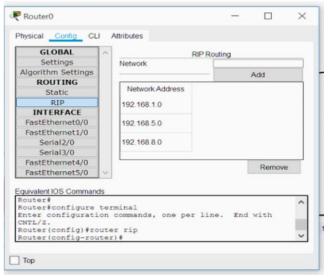
• Server3



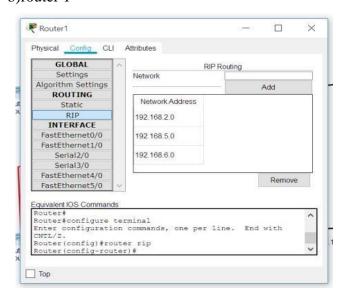
• Server Web



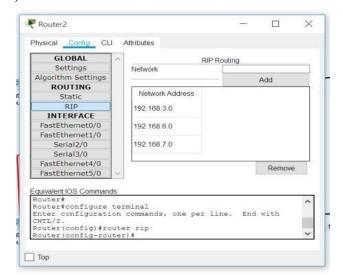
No.3 Konfigurasi routing dinamis a)router 0



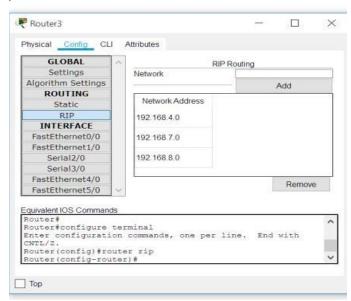
b)router 1



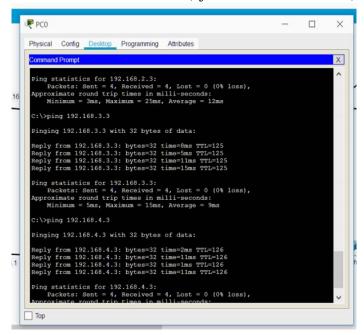
c)router 2



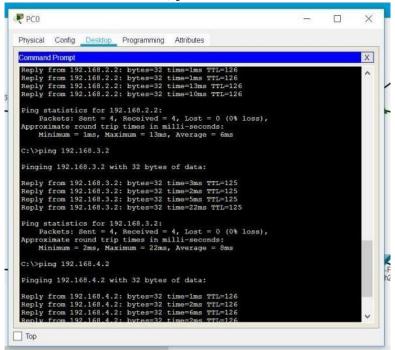
d)router 3



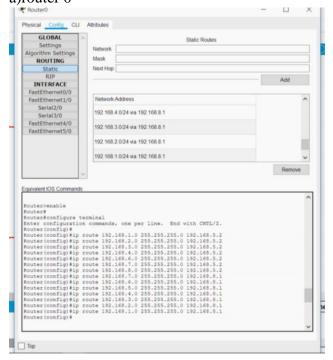
Test no.3 router dinamis (uji konektivitas antar PC)



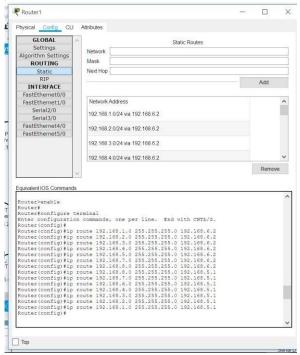
Test no.3 router dinamis (uji konektivitas PC ke server antar router)



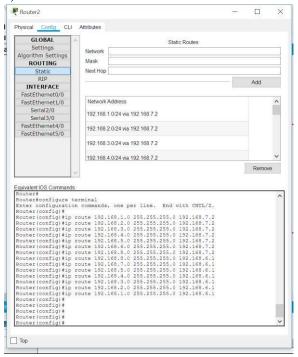
No.4 Konfigurasi router statis a)router 0



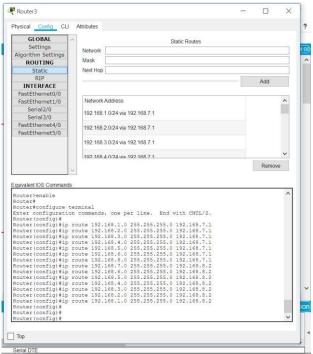
b)router 1



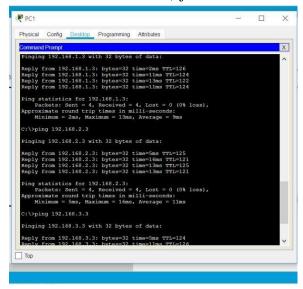
c)router 2



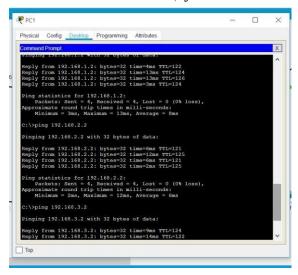
c)router 3



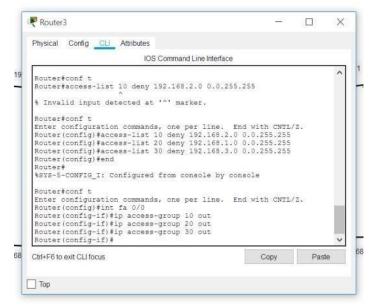
Test no.4 router statis(uji konektivitas antar PC)



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

```
Physical Config Desktop Programming Attributes

Command Prompt

Reply from 192.168.8.1: Destination host unreachable.
Request timed out.

Ping statistics for 192.168.4.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.4.2

Pinging 192.168.4.2 with 32 bytes of data:
Reply from 192.168.8.1: Destination host unreachable.
Reply from 192.168.8.1: Destination host unreachable.
Request timed out.

Ping statistics for 192.168.4.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.4.2

Pinging 192.168.4.2

Pinging 192.168.4.2 with 32 bytes of data:
Reply from 192.168.8.1: Destination host unreachable.
Request timed out.

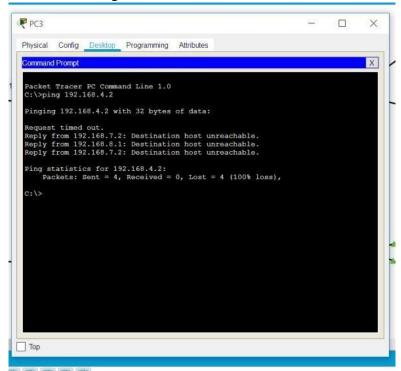
Reply from 192.168.8.1: Destination host unreachable.
Reply from 192.168.8.1: Destination host unreachable.
Reply from 192.168.8.1: Destination host unreachable.
Reply from 192.168.7.2: Destination host unreachable.
Reply from 192.168.7.2: Destination host unreachable.
Ping statistics for 192.168.4.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
    Top
```

b) Test akses dengan PC 2

```
PC2
                                                                                                             Physical Config Desktop Programming Attributes
 Command Prompt
                                                                                                                   X
  Reply from 192.168.8.1: 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:\>ping 192.168.4.2
  Pinging 192.168.4.2 with 32 bytes of data:
  Request timed out.
Request timed out.
Reply from 192.168.8.1: 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:\>ping 192.168.4.2
  Pinging 192.168.4.2 with 32 bytes of data:
  Reply from 192.168.8.1: 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),
Тор
```

c) Test akses dengan PC 3



d) Test akses dengan PC 1

