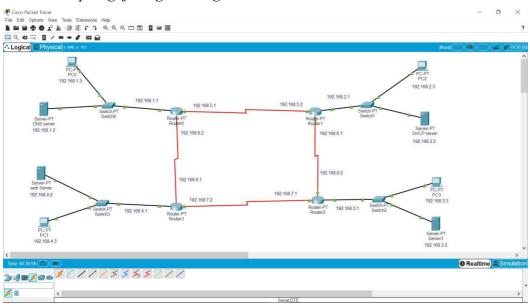
Nama : Riyan Aldiansyah

NIM : L200170018

Kelas : A

No.1 Membuat topologi jaringan sebagai berikut:



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

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

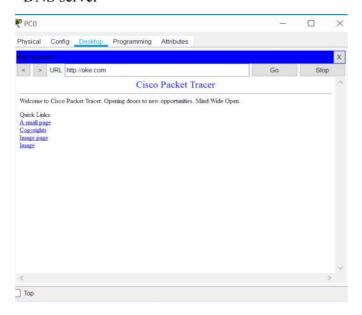
PC 2	Server DHCP	Router 1
Otomatis sesuai pengaturan dhep yang dibuat (ip add 192.168.2.3)	Ip add 192.168.2.2	SE 2/0 (ip add 192.168.6.1)
		SE 3/0 (ip add 192.168.5.2)
		Fa 0/0 (ip add 192.168.2.1)

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

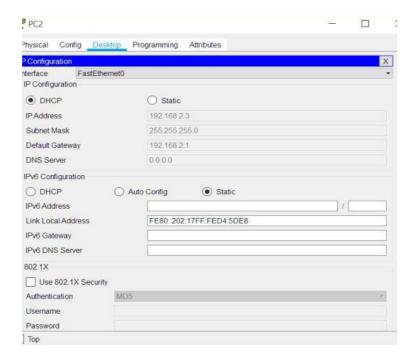
PC 3	Server 3	Router 3
Ip add 192.168.4.3	Ip add 192.168.4.2	SE 2/0 (ip add 192.168.8.1)
		SE 3/0 (ip add 192.168.7.2)
		Fa 0/0 (ip add 192.168.4.1)

Test no.2

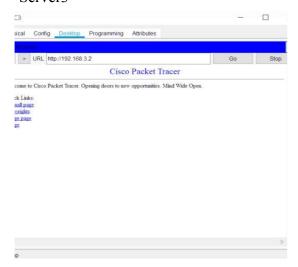
• DNS server



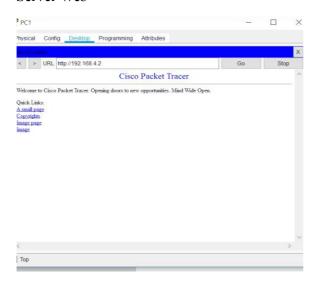
• DHCP Server



• Server3



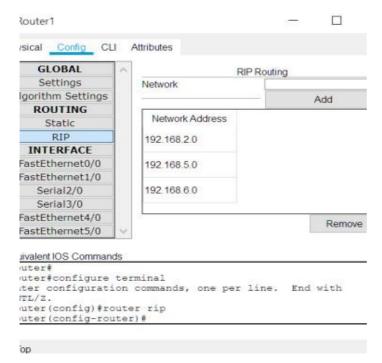
• Server Web



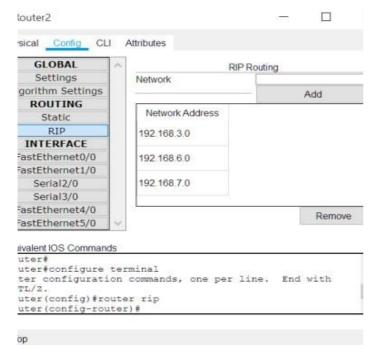
No.3 Konfigurasi routing dinamis a)router 0



b)router 1

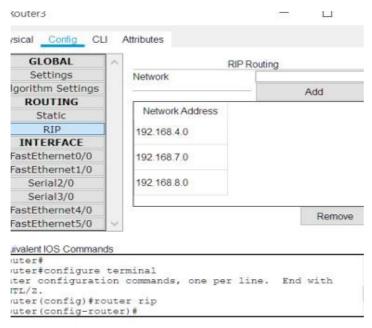


c)router 2

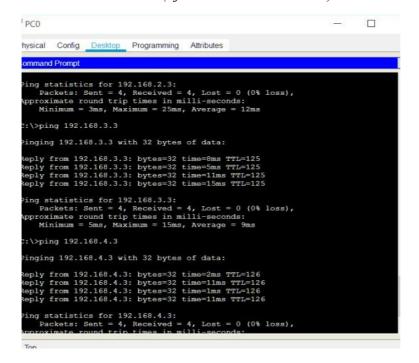


d)router 3

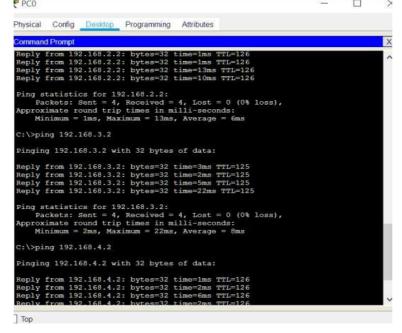
op



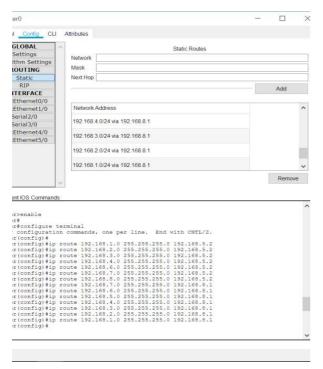
Test no.3 router dinamis (uji konektivitas antar PC)



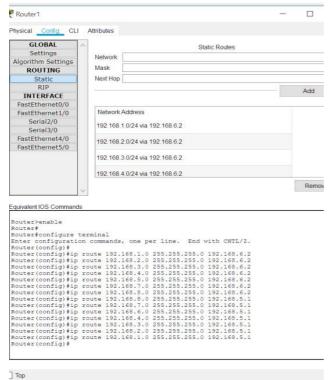
Test no.3 router dinamis (uji konektivitas PC ke server antar router)



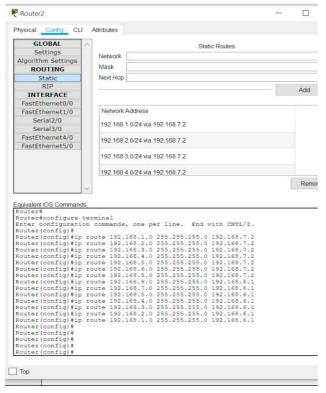
No.4 *Konfigurasi router statis* a)router 0



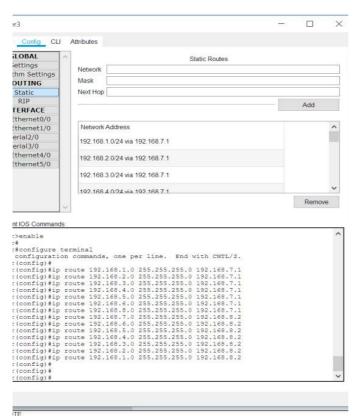
b)router 1



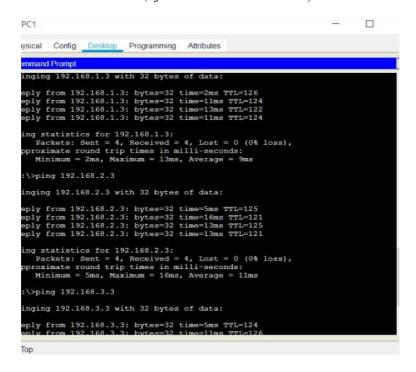
c)router 2



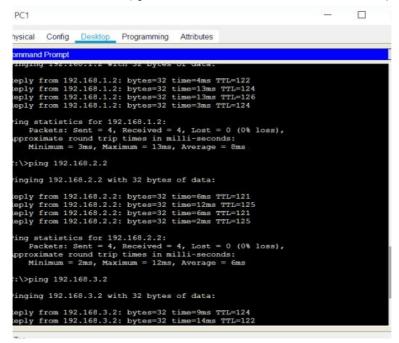
c)router 3



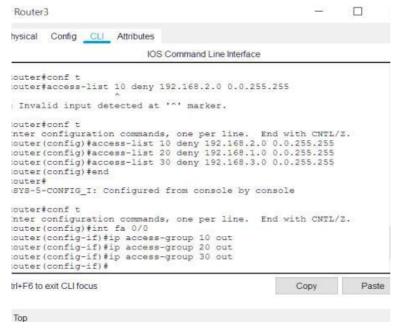
Test no.4 router statis(uji konektivitas antar PC)



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

```
ysical Config Desktop Programming Attributes

mmmand Prompt

sply from 192.168.8.1: Destination host unreachable.

equest timed out.

ing statistics for 192.168.4.2:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

:\>ping 192.168.4.2 with 32 bytes of data:

eply from 192.168.8.1: Destination host unreachable.

sply from 192.168.8.1: Destination host unreachable.

eply from 192.168.8.1: Destination host unreachable.

equest timed out.

ing statistics for 192.168.4.2:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

:\>ping 192.168.4.2

inging 192.168.4.2 with 32 bytes of data:

eply from 192.168.8.1: Destination host unreachable.

eply from 192.168.7.2: Destination host unreachable.

ing statistics for 192.168.4.2:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

:\>
```

b) Test akses dengan PC 2

```
mysical Config Desktop Programming Attributes

command Prompt

Request times 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:

Request timed out.

Request timed out.

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

Pinging 192.168.4.2 with 32 bytes of data:

Request timed out.

Reply from 192.168.8.1: Destination host unreachable.

Ping statistics for 192.168.7.2: Destination host unreachable.

Ping statistics for 192.168.4.2:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>

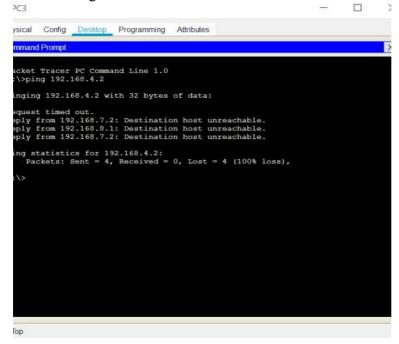
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

c) Test akses dengan PC 3



d) Test akses dengan PC 1

