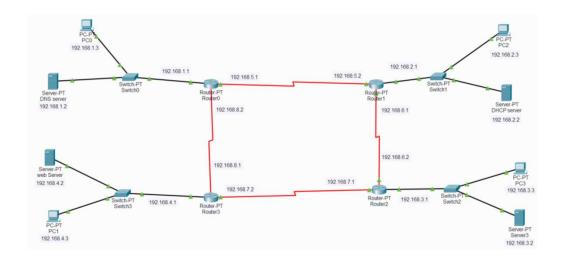
Nama: Prihadina Ayunia Wardhani

NIM : L200170007

Kelas: A

1. Membuat topologi jaringan sebagai berikut:



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

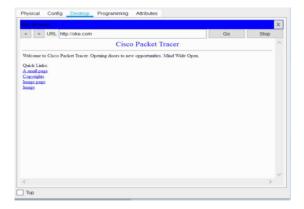
Router 0	Server DNS	PC 0
SE 2/0 (192.168.5.1)	192.168.1.2	192.168.1.3
SE 3/0 (192.168.8.2)		
Fa 0/0 (192.168.1.1)		

Router 1		Server DHCP	PC 2
SE 2/0 (92.168.6.	1)	192.168.2.2	Otomatis sesuai pengaturan
SE 3/0 (192.168.5	.2)		DHCP yang dibuat
Fa 0/0 (192.168.2	.1)		(192.168.2.3)

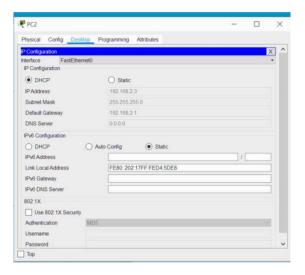
Router 2	Server3	PC 3
SE 2/0 (192.168.7.1)	192.168.3.2	192.168.3.3
SE 3/0 (192.168.6.2)		
Fa 0/0 (192.168.3.1)		

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

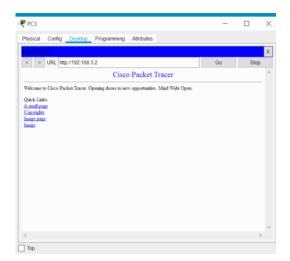
• DNS server



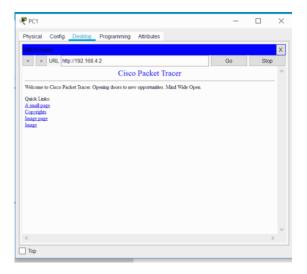
DHCP Server



• Server3



• Server Web

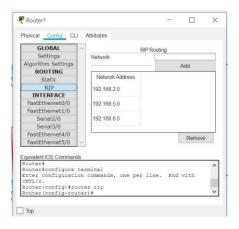


3. Konfigurasi routing dinamis

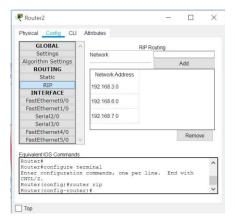
A. Router 0



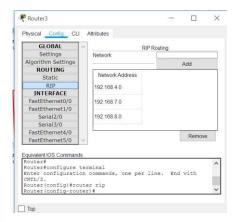
B. Router 1



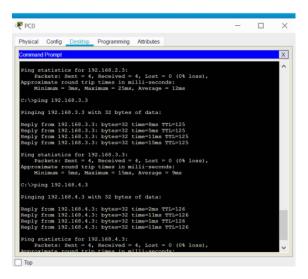
C. Router 2



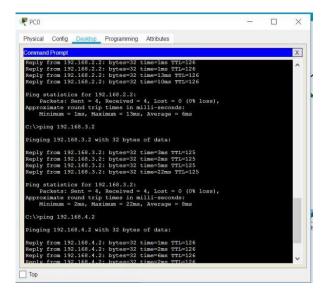
D. Router 3



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

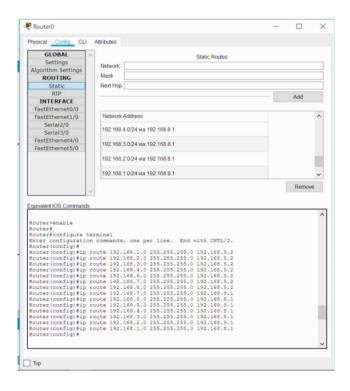


Test no.3 router dinamis (uji konektivitas PC ke server antar router)

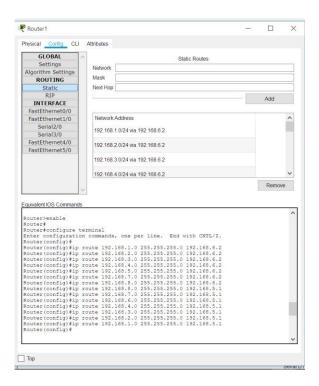


4. Konfigurasi router statis

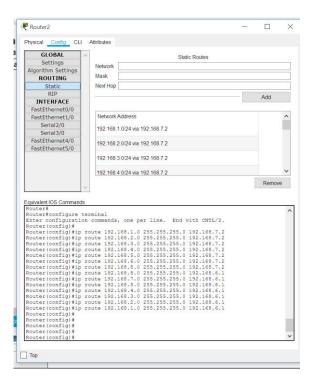
A. Router 0



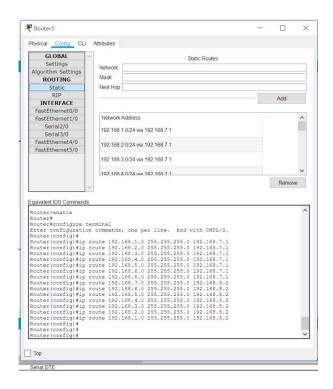
B. Router 1



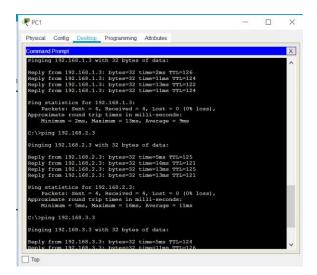
C. Router 2



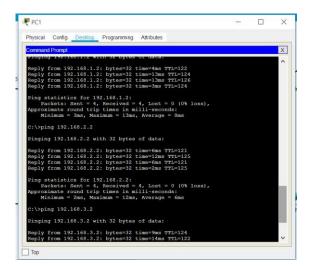
D. Router 3



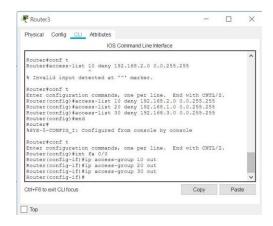
Test no.4 router statis(uji konektivitas antar PC)



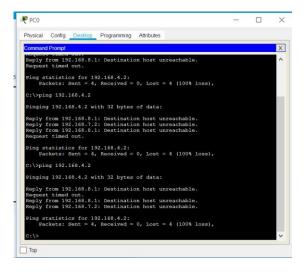
Test no.4 router statis (uji konektivitas PC ke server antar router)



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

```
Programming Althoutes

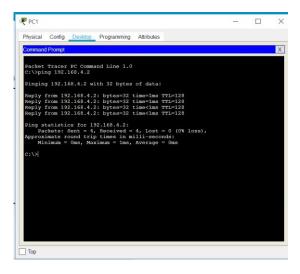
Command Prompt

Command Prompt

Reply from 192.168.1: Destination host unreachable.
Reply from 192.168.2: Destination host unreachable.
Ping statistics for 192.168.4:2
Packets: Bent = 4, Received = 0, Lost = 4 (100% loss),
C:\Destinate 192.168.4:2
Pinging 192.168.4:2 with 32 bytes of data:
Request timed out.
Request timed out.
Reply from 192.168.1: Destination host unreachable.
Reply from 192.168.7:2: Destination host unreachable.
Ping statistics for 192.168.4:2
Packets: Bent = 4, Received = 0, Lost = 4 (100% loss),
C:\Destinate 192.168.4:2
Pinging 192.168.4:4:4
Request timed out.
Reply from 192.168.1: 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:\Destination for 192.168.4:2:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\Destination for 192.168.4:2:
Pinging statistics for
```

c. Test akses dengan PC 3

D. Test akses dengan PC 1



Keterangan : Semua akses dari 192.168.1, 192.168.2, 192.168.3 tidak diijinkan mengakses hanya PC 1 yang dapat mengakses server web