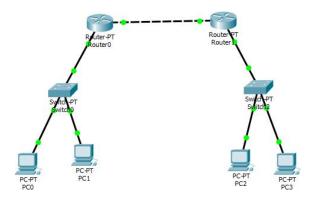
Nama : Zulfa Fajrul Falah Nim : L200170149

Kelas: D

Laporan Praktikum Jaringan Komputer Modul 8

Kegiatan1. Konfigurasi Access List

1. Membuat desain topologi jaringan dengan 2 router, 2 switch, 4 pc.



2. Memberikan IP address pada setiap router, switch dan pc.

Dengan ketentuan:

^ĕ Router0:

o E0: 192.168.10/24 o E1: 192.168.110.254/24

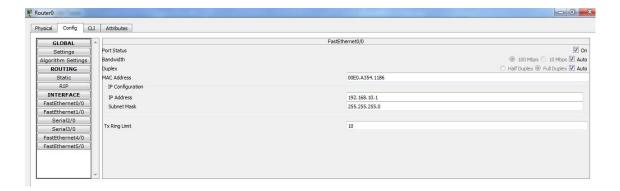
[⋄] Router1

o E0: 192.168.10.2/24 o E1: 192.168.120.254/24

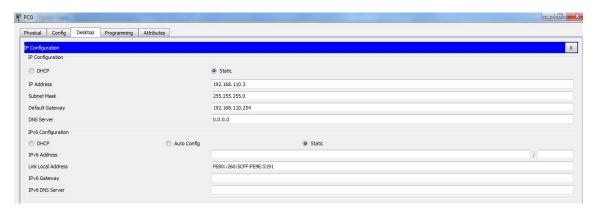
Switch0: 192.168.110.250/24
 Switch1: 192.168.120.250/24

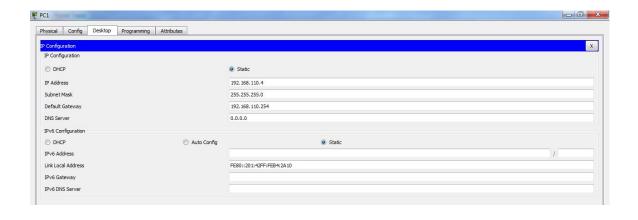
Pc0: 192.168.110.3/24
 Pc1: 192.168.110.4/24
 Pc2: 192.168.120.3/24
 Pc3: 192.168.120.4/24

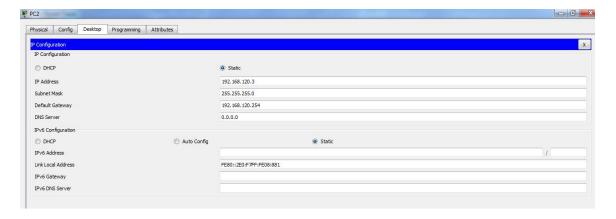
Memberikan IP Address untuk setiap router, masing-masing di fa0/0 dan fa1/0 sesuai dengan dimodul. Berikut contoh pada fa0/0 diRouter0.

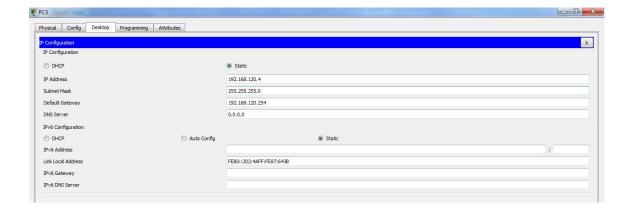


Memberikan IP Address untuk setiap PC.

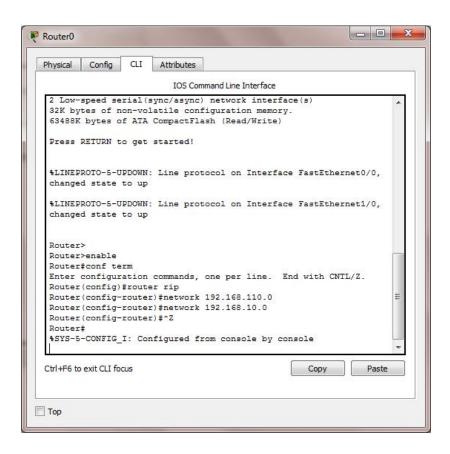


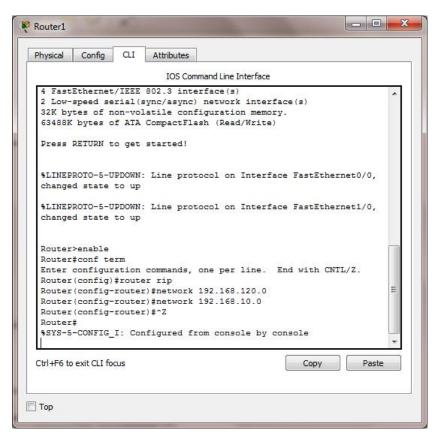






3. Melakukan routing dengan protocol RIP pada kedua jaringan





Untuk mengetest routing berhasil, ping PC1 ke PC4

```
Physical Config Desktop Programming Attributes

Command Prompt

C:\>ping 192.168.120.4

Pinging 192.168.120.4 with 32 bytes of data:

Reply from 192.168.120.4: bytes=32 time<1ms TTL=126

Reply from 192.168.120.4: bytes=32 time=1lms TTL=126

Reply from 192.168.120.4: bytes=32 time=12ms TTL=126

Reply from 192.168.120.4: bytes=32 time=13ms TTL=126

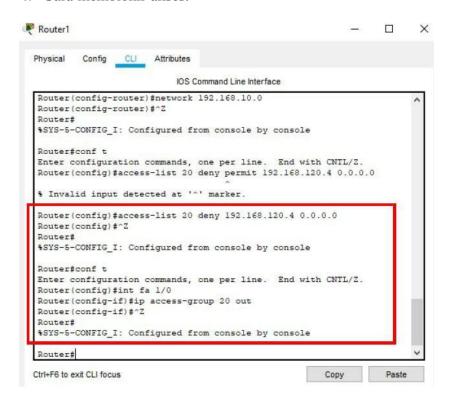
Reply from 192.168.120.4: bytes=32 time=13ms TTL=126

Ping statistics for 192.168.120.4:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 13ms, Average = 9ms
```

4. Cara memblokir akses.



5. Teskoneksi dari PC3 ke PC1 dan PC2

```
Physical Config Desktop Programming Attributes

Command Prompt

X

Packet Tracer PC Command Line 1.0

C:\ping 192.168.110.3

Pinging 192.168.110.3 with 32 bytes of data:

Reply from 192.168.10.1: Destination host unreachable.

Ping statistics for 192.168.110.3:

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

C:\ping 192.168.110.4

Pinging 192.168.110.4 with 32 bytes of data:

Reply from 192.168.10.1: Destination host unreachable.

Ping statistics for 192.168.10.1: Destination host unreachable.

Ping statistics for 192.168.10.1. Destination host unreachable.

Ping statistics for 192.168.10.1. Destination host unreachable.

Ping statistics for 192.168.110.4:

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

Destination host unreachable menunjukan bahwa akses dari PC3 ke PC1 maupun PC2 sudah terblokir.

[₹] Tes koneksi dari PC4 ke PC1 dan PC2

```
Physical Config Desitop Programming Attributes

Command Prompt

X

Packet Tracer PC Command Line 1.0
C:\>ping 192.168.110.3

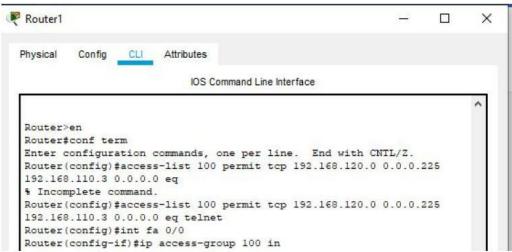
Pinging 192.168.110.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.
Ping statistics for 192.168.10.3:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 192.168.110.4

Pinging 192.168.110.4 with 32 bytes of data:
Reply from 192.168.10.1: Destination host unreachable.
Ping statistics for 192.168.10.4:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

Destination host unreachable menunjukan bahwa akses dari PC4 ke PC1 maupun PC2 sudah terblokir.

Kegiatan2. Kegiatan Extended Access List

1. Konfigurasi mengizinkan paket telnet dari semua host yang ada di jaringan 192.168.120 ke host 192.168.110.3



2. Melihat hasil konfigurasi.

