

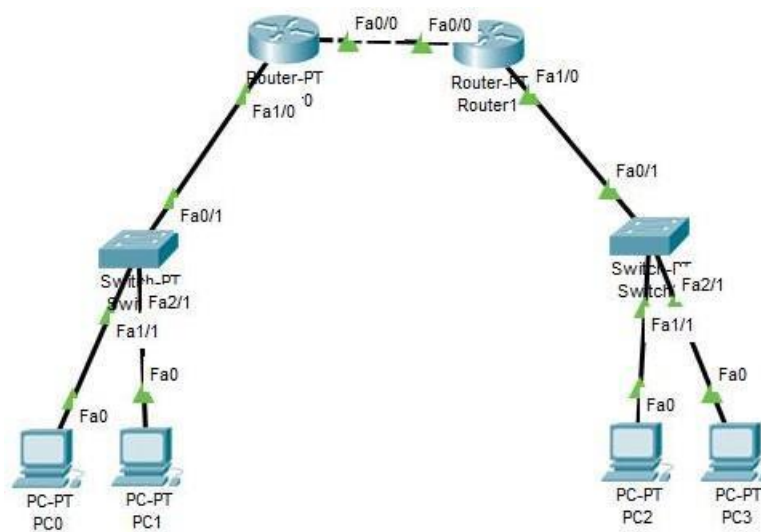
LAPORAN PRAKTIKUM JARINGAN KOMPUTER

MODUL 8 : Packet Filtering Dengan Access List

NAMA : Moch Afif Abdillah
NIM : L200170004
KELAS : A

C. Kegiatan Praktikum

Kegiatan 1. Konfigurasi Access List



Ikuti langkah - langkah berikut ini mengkonfigurasi Access List pada ilustrasi tersebut :

1. Desain jaringan tersebut menggunakan Cisco Packet Tracer. Semua router menggunakan seri generik sedangkan semua switch menggunakan seri generik. Tambahkan 4 buah PC yang terbagi ke dalam 2 switch tersebut
2. Berikan identitas untuk semua sumber daya (router, switch, dan komputer) yang telah anda desain tersebut

Router0

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet0/0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0001.96E9.B6E1

IP Configuration

IP Address 192.168.10.1

Subnet Mask 255.255.255.0

Tx Ring Limit 10

Equivalent IOS Commands

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

Top

Router0

Physical Config CLI Attributes

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ROUTING

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet1/0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0002.1761.2578

IP Configuration

IP Address 192.168.110.254

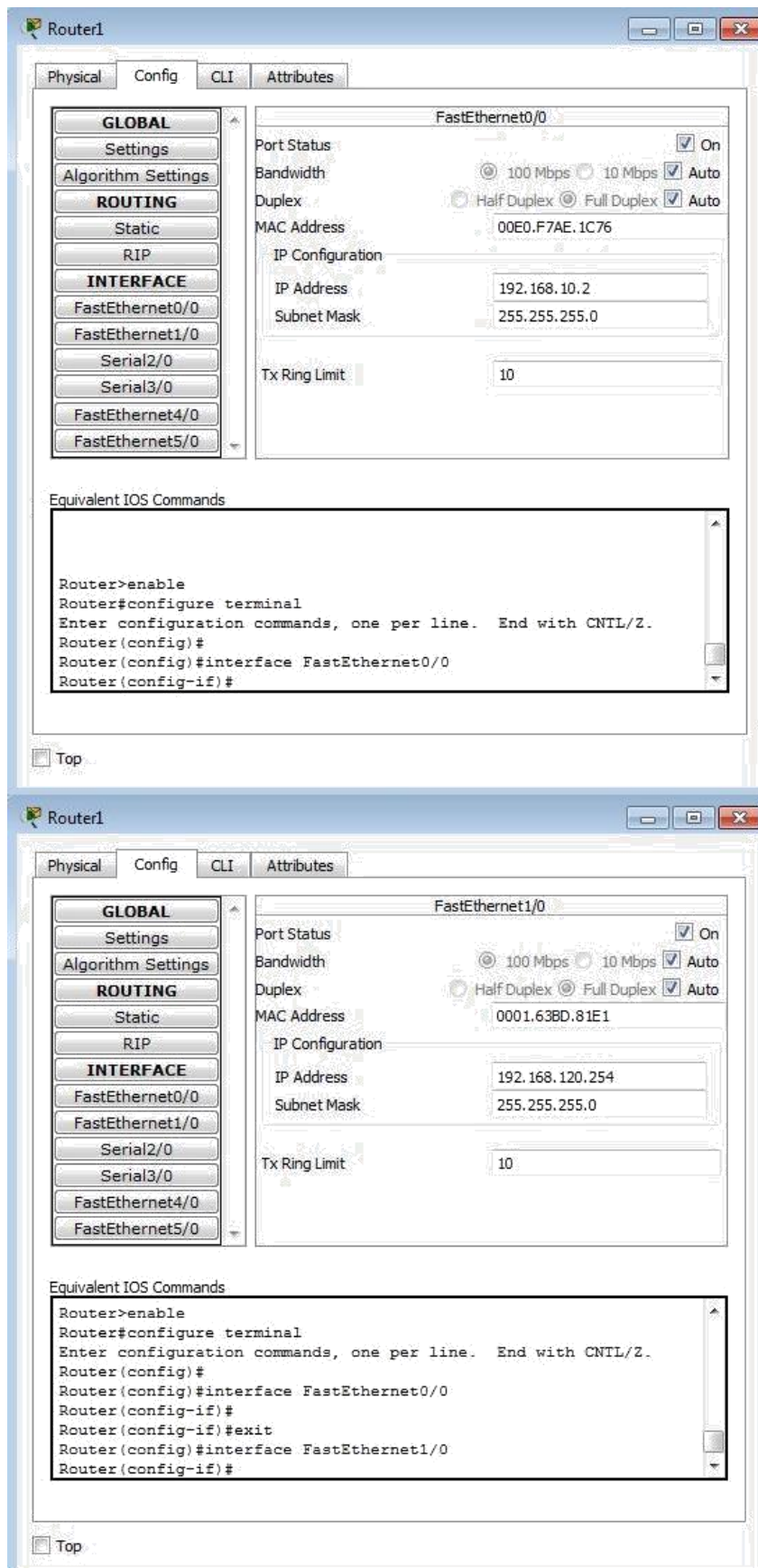
Subnet Mask 255.255.255.0

Tx Ring Limit 10

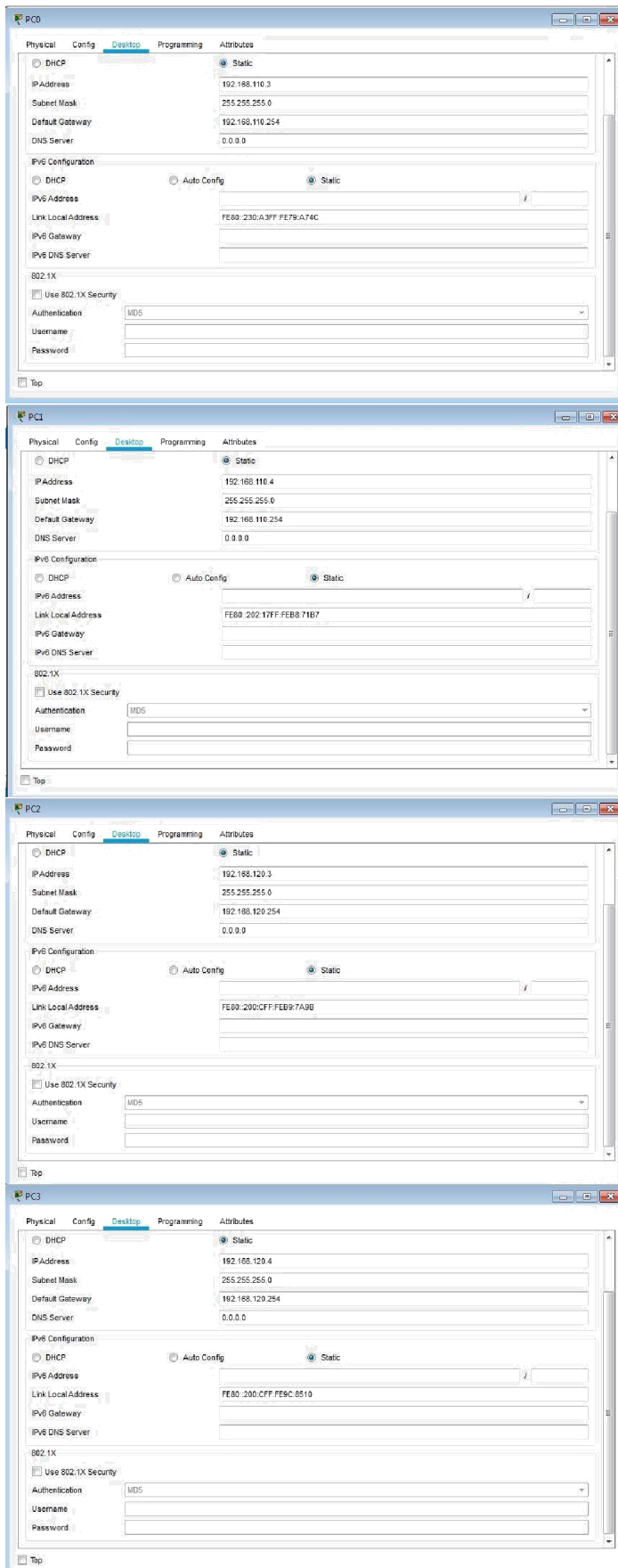
Equivalent IOS Commands

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
```

Top

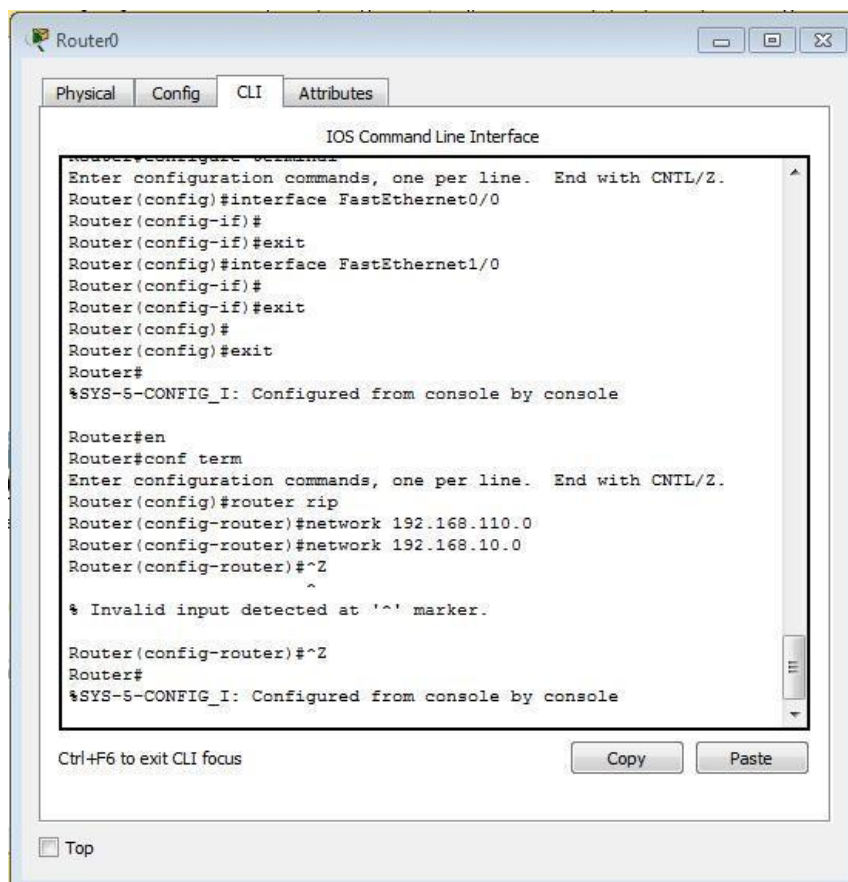


3. Berikutnya berikan alamat IP, subnet mask, dan default gateway pada masing - masing komputer



- Gunakan perintah tersebut untuk memberikan identitas untuk komputer yang lain

5. Setelah semua sumber daya telah mempunyai identitas, lakukan routing untuk kedua jaringan tersebut
6. Gunakan routing dengan protokol RIP pada kedua jaringan tersebut



The screenshot shows the 'Router0' window with the 'CLI' tab selected. The 'IOS Command Line Interface' is active, displaying a series of configuration commands and their outputs. The commands configure two interfaces, FastEthernet0/0 and FastEthernet1/0, and enable the RIP routing protocol with two networks: 192.168.110.0 and 192.168.10.0. The interface configuration is completed, and the RIP configuration is also completed, with a warning about invalid input detected at the end of the RIP configuration.

```
Router0
Physical Config CLI Attributes
IOS Command Line Interface
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#exit
Router(config)#
Router(config)#exit
Router#
%SYS-S-CONFIG_I: Configured from console by console

Router#en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router rip
Router(config-router)#network 192.168.110.0
Router(config-router)#network 192.168.10.0
Router(config-router)#^Z
^
% Invalid input detected at '^' marker.

Router(config-router)#^Z
Router#
%SYS-S-CONFIG_I: Configured from console by console

Ctrl+F6 to exit CLI focus
Copy Paste
Top
```

7. Pada [Router0] diberikan nnetwork ID 192.168.110.0 dan 192.168.10.0 untuk digunakan sebagai jalur routing. Sedangkan pada [Router1] diberikan network ID 192.168.120.0 dan 192.168.10.0 untuk digunakan sebagai jalur routing.