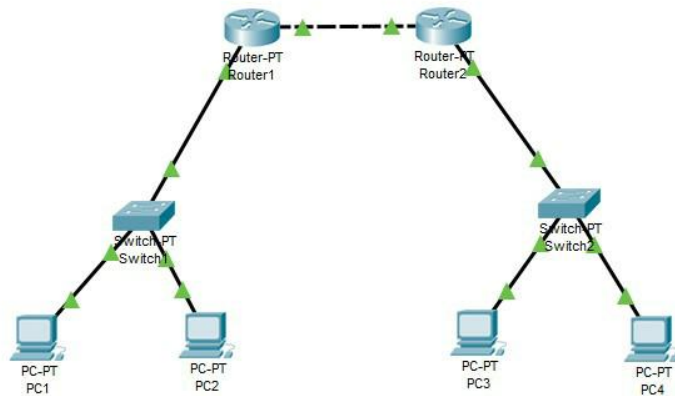


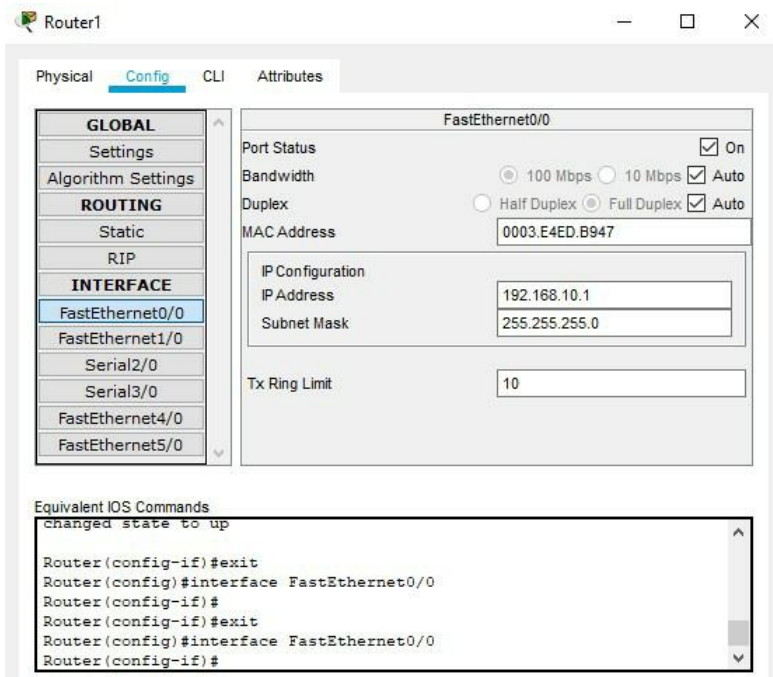
Nama : Fischella Angieta Chelsea
NIM : L200170077
Kelas : B
Modul : 8

Kegiatan 1. Konfigurasi Access List

1. Membuat desain topologi jaringan



2. Memberikan IP Address untuk setiap router, masing-masing di fa0/0 dan fa1/0 sesuai dengan modul. Berikut contoh pada fa0/0 di Router1



3. Memberikan IP Address untuk setiap PC

PC1

Physical
Config
Desktop
Programming
Attributes

☐ DHCP
☒ Static

IP Address
192.168.110.3

Subnet Mask
255.255.255.0

Default Gateway
192.168.110.254

DNS Server
0.0.0.0

PC2

Physical
Config
Desktop
Programming
Attributes

☐ DHCP
☒ Static

IP Address
192.168.110.4

Subnet Mask
255.255.255.0

Default Gateway
192.168.110.254

DNS Server
0.0.0.0

PC3

Physical
Config
Desktop
Programming
Attributes

☐ DHCP
☒ Static

IP Address
192.168.120.3

Subnet Mask
255.255.255.0

Default Gateway
192.168.120.254

DNS Server
0.0.0.0

PC4

Physical
Config
Desktop
Programming
Attributes

☐ DHCP
☒ Static

IP Address
192.168.120.4

Subnet Mask
255.255.255.0

Default Gateway
192.168.120.254

DNS Server
0.0.0.0

4. Melakukan routing dengan protocol RIP pada kedua jaringan

Router1

Physical
Config
CLI
Attributes

IOS Command Line Interface

```

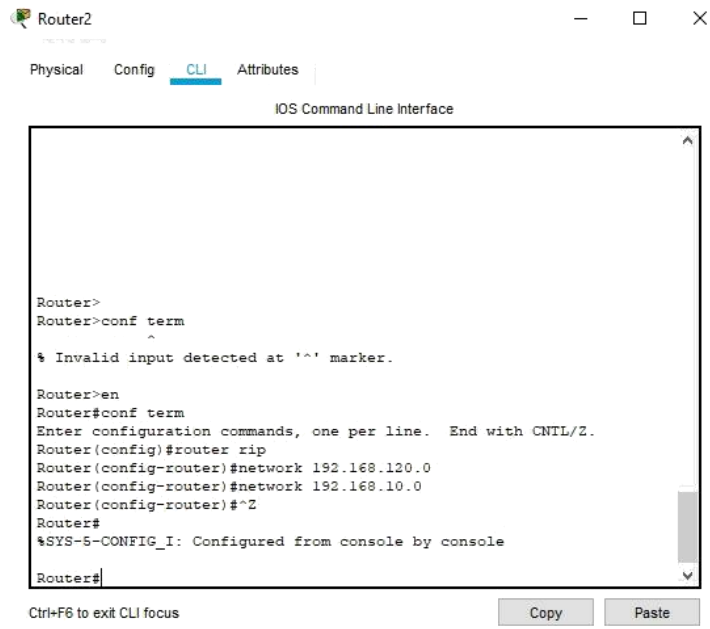
changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0,
changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0,
changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0,
changed state to up

Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#network 192.168.110.0
Router(config-router)#network 192.168.10.0
Router(config-router)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console

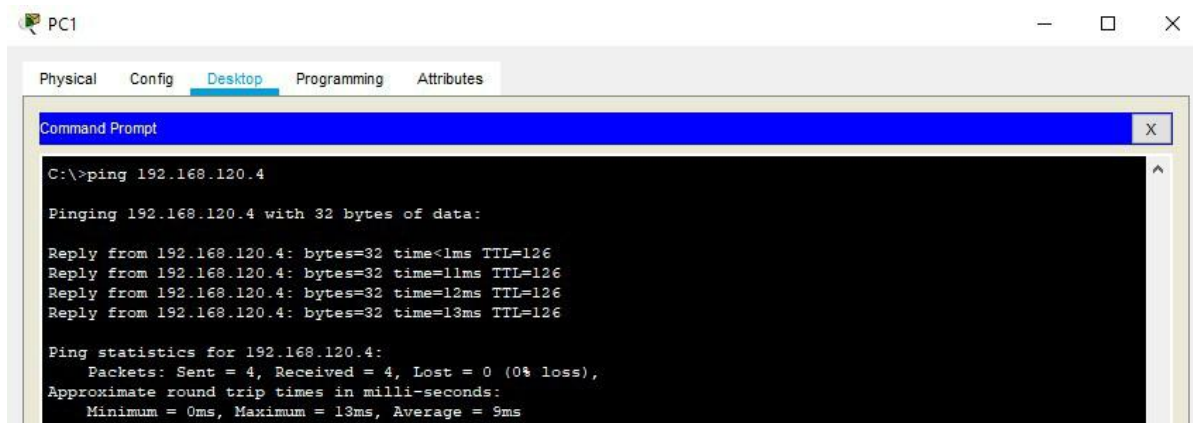
Router#

```

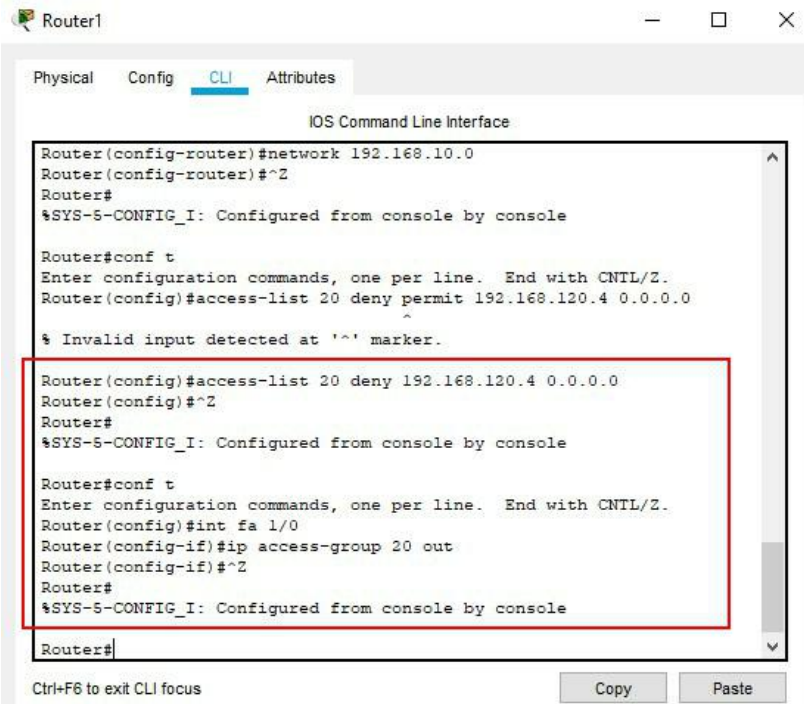
Ctrl+F6 to exit CLI focus
Copy
Paste



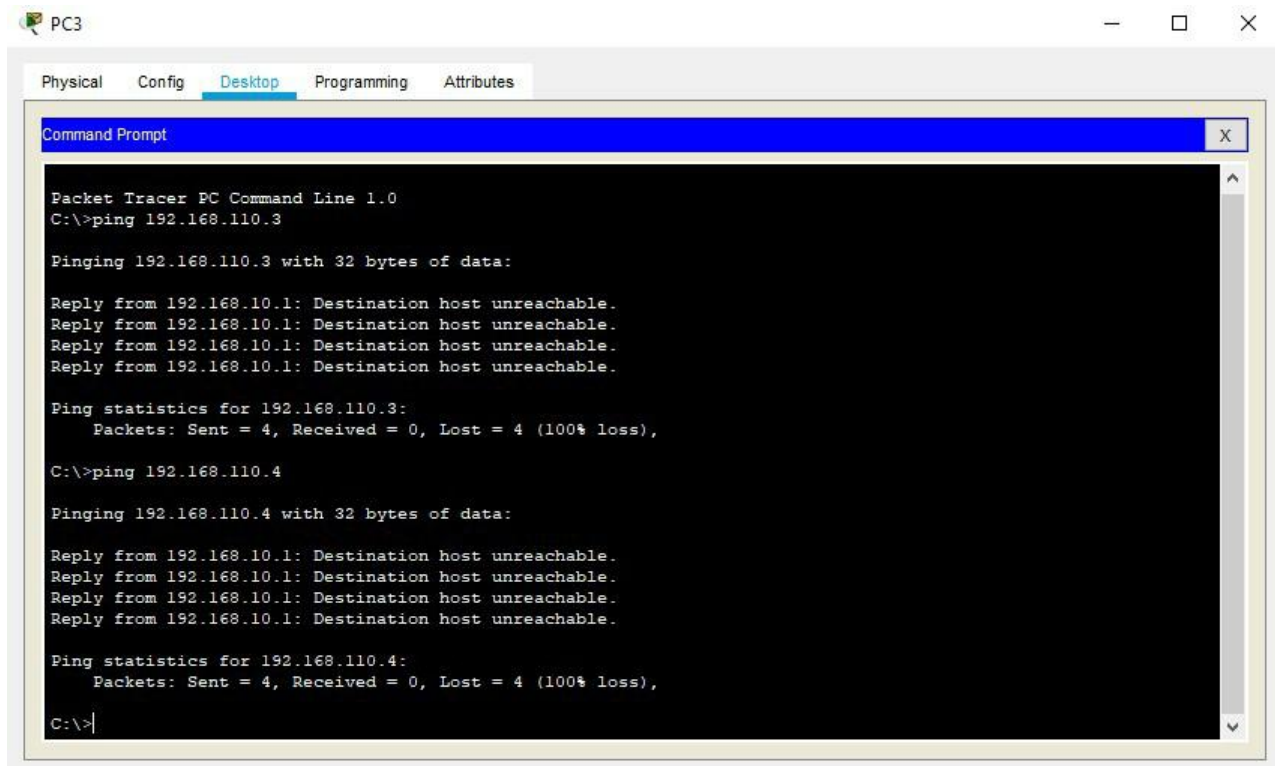
5. Untuk mengetest routing berhasil, ping PC1 ke PC4



6. Cara memblokir akses

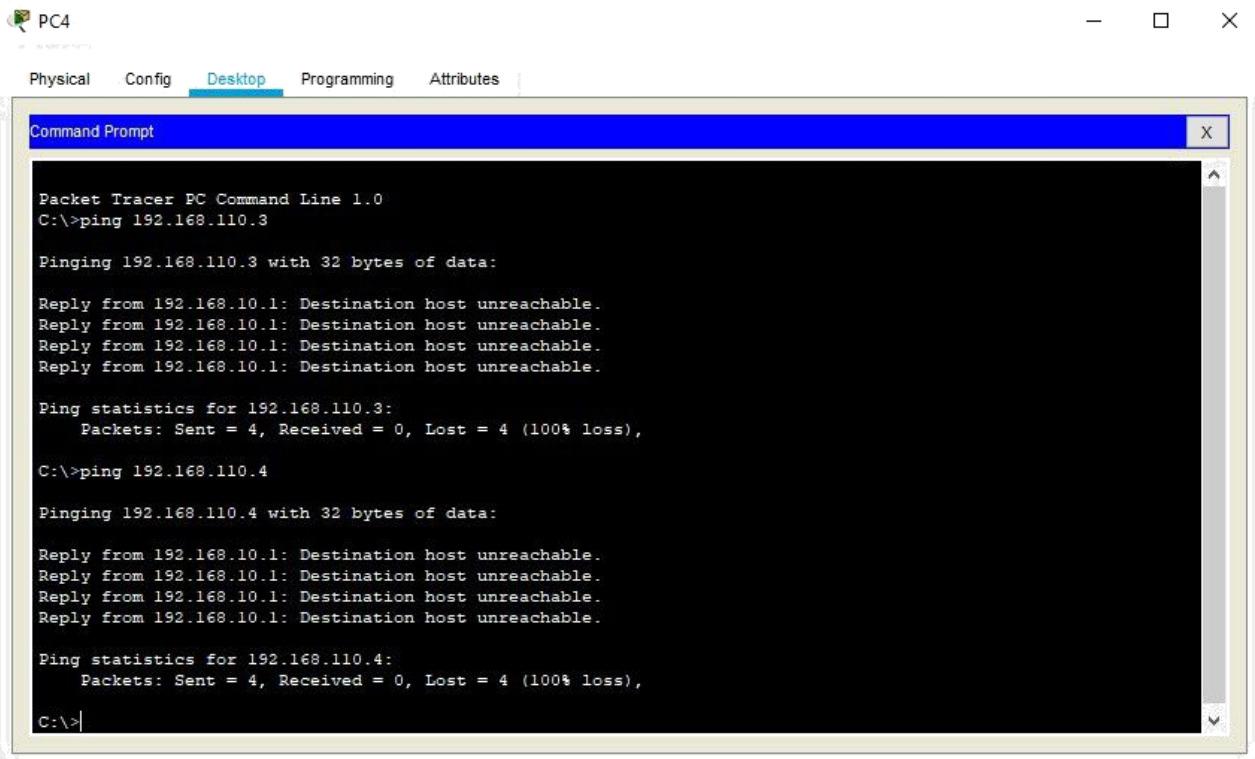


7. Tes koneksi dari PC3 ke PC1 dan PC2



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

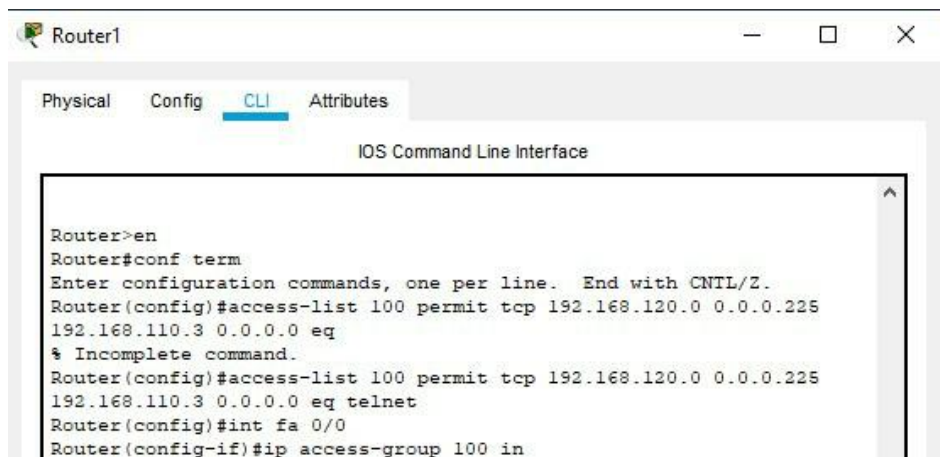
8. Tes koneksi dari PC4 ke PC1 dan PC2



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

Kegiatan 2. 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

IOS Command Line Interface

```
Router#show access-list
Standard IP access list 20
  10 deny host 192.168.120.4 (8 match(es))
Extended IP access list 100
  10 permit tcp 192.168.120.0 0.0.0.255 host 192.168.110.3 eq
telnet
Router#
```