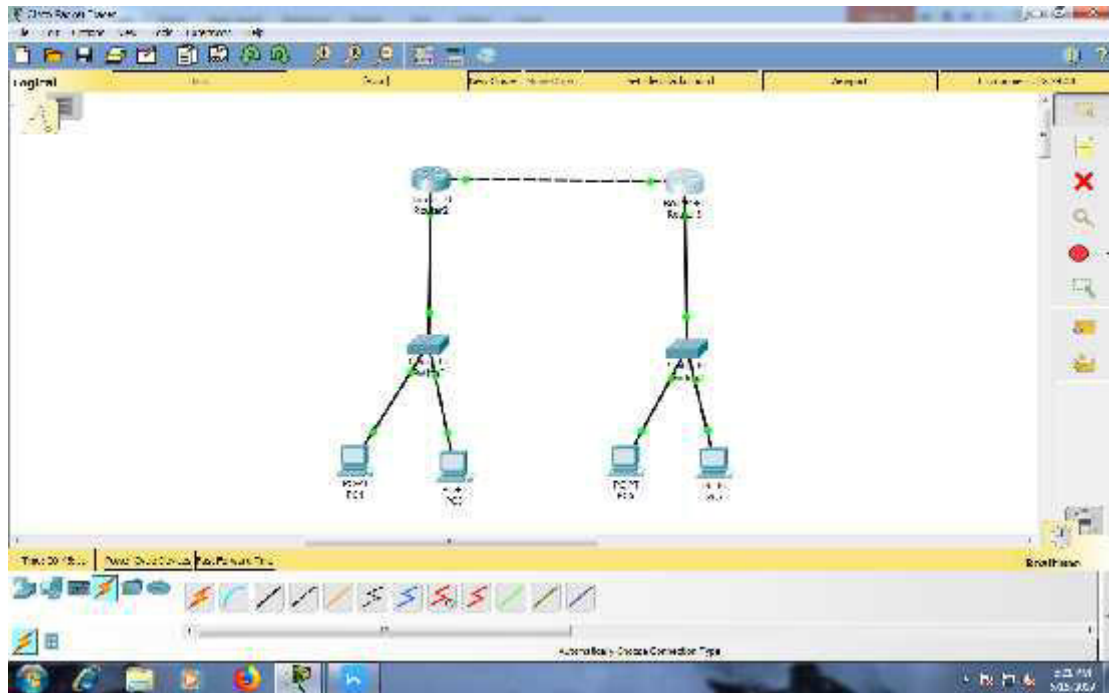


NAMA : Tio Septiadi Murbiantoro
NIM : L200170099
KELAS : C
MODUL : 8

KEGIATAN PRAKTIKUM

Kegiatan 1. Konfigurasi Access List

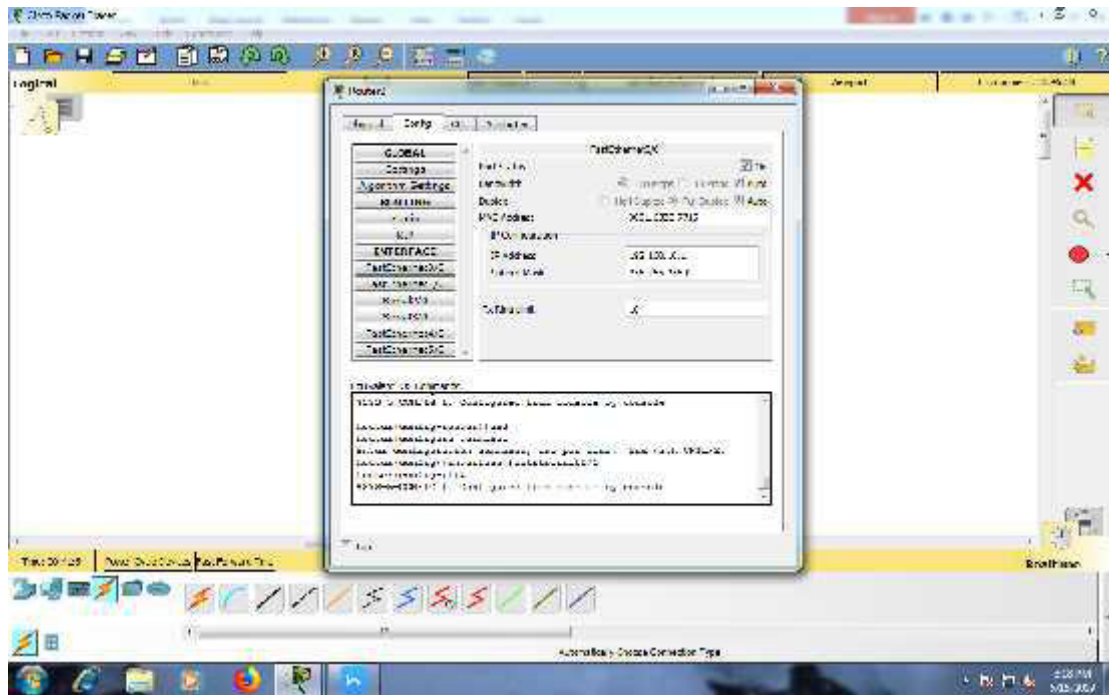
1. Membuat sebuah topologi jaringan seperti dibawah.



2. Memberikan IP Adress pada masing- masing router.

- a. Router 2

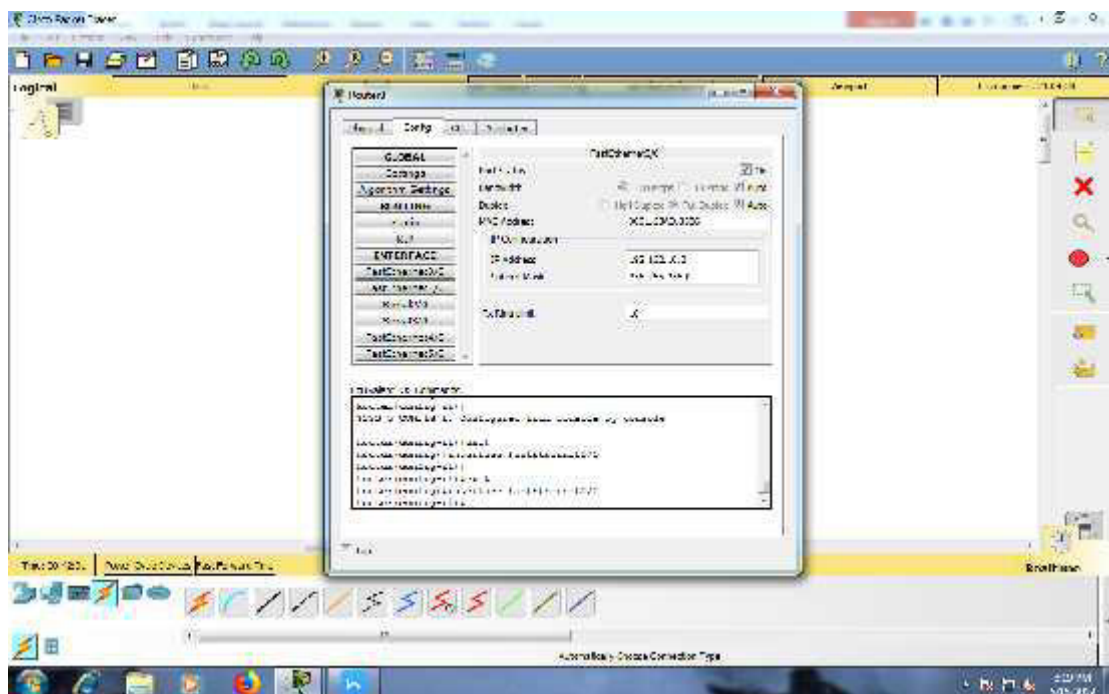
| | |
|---|-------------------|
| - Memberikan IP Adress pada FastEthernet0/0 | : 192.168.10.1 |
| - Memberikan IP Adress pada FastEthernet1/0 | : 192.168.110.254 |

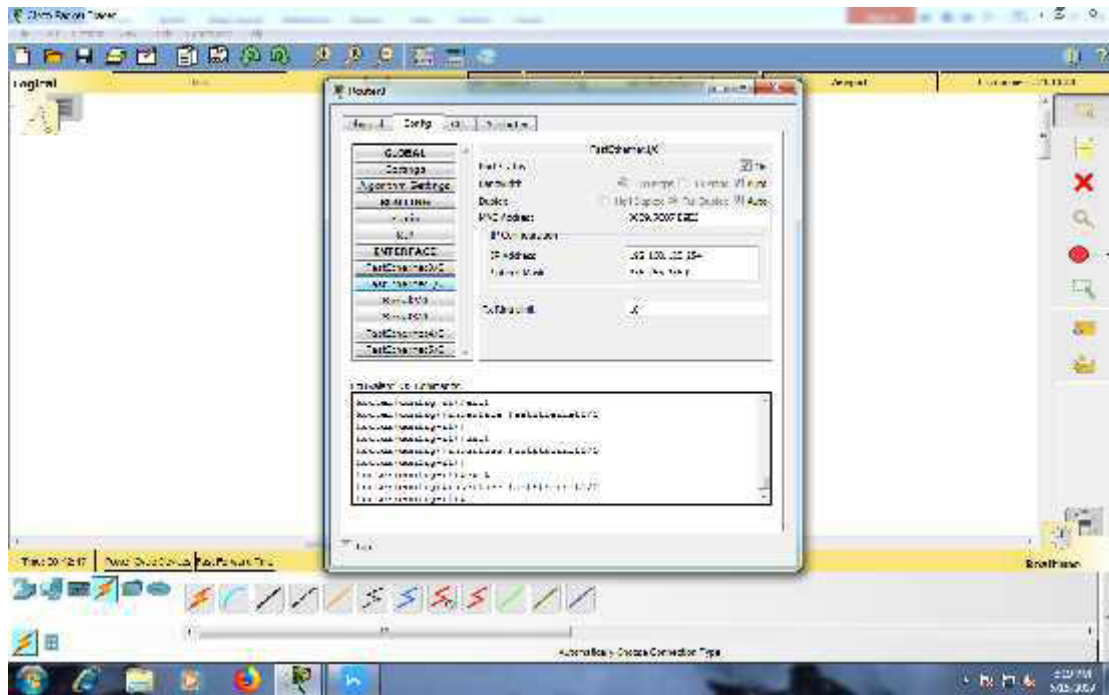


b. Router 3

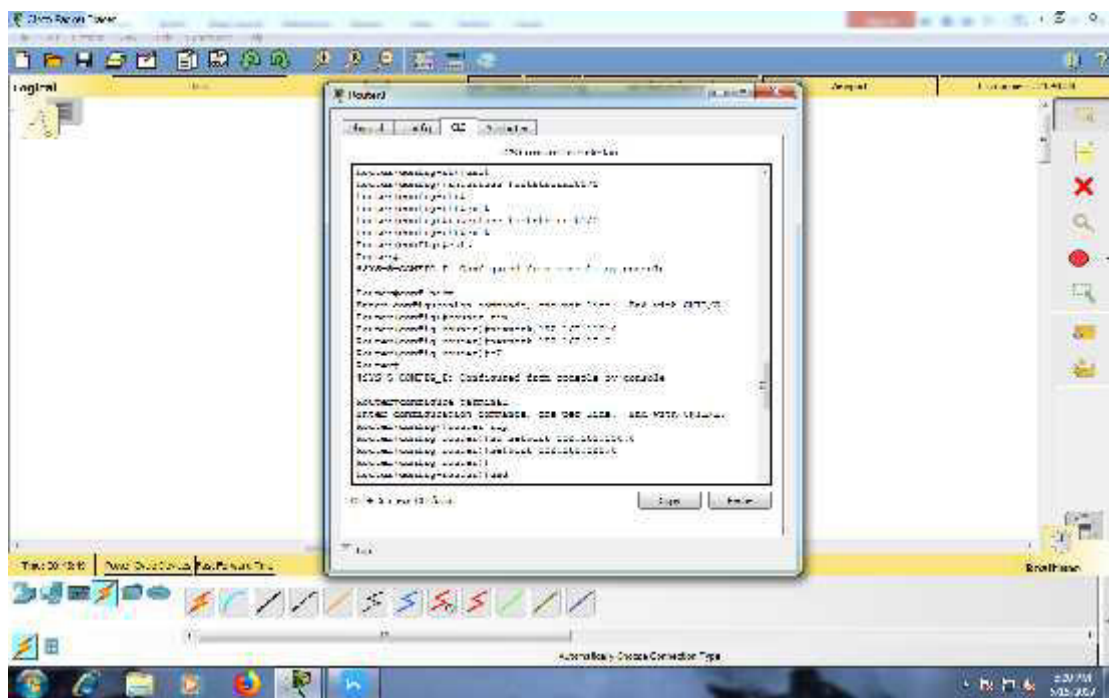
- Memberikan IP Adress pada FastEthernet0/0 : 192.168.10.2
- Memberikan IP Adress pada FastEthernet1/0 : 192.168.120.25

4

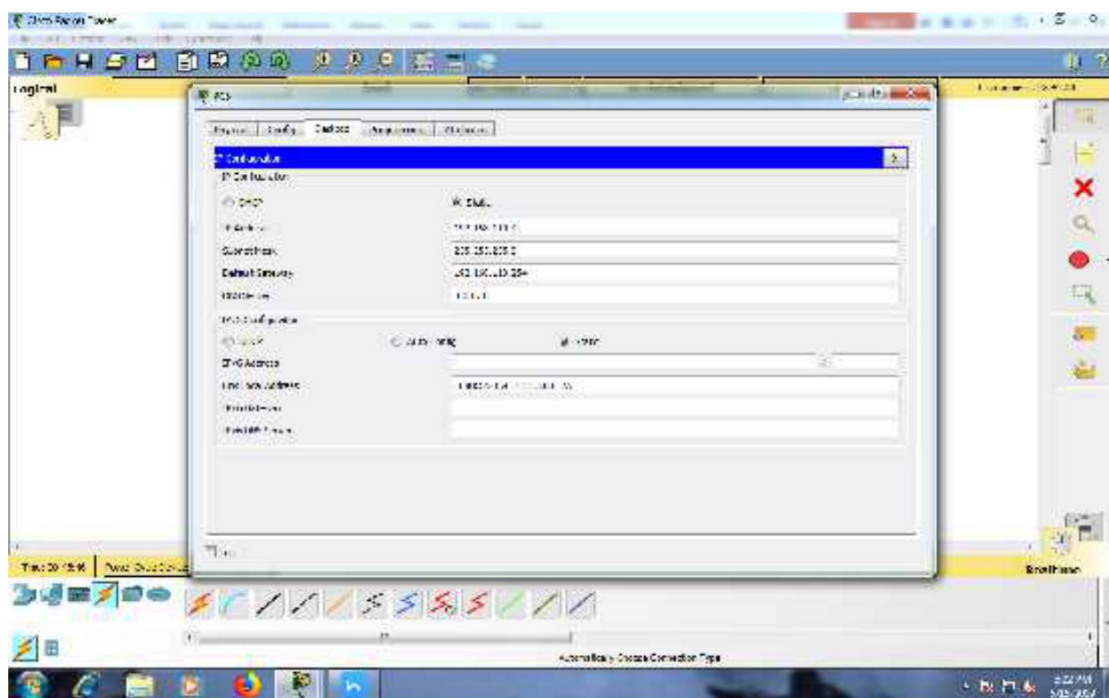
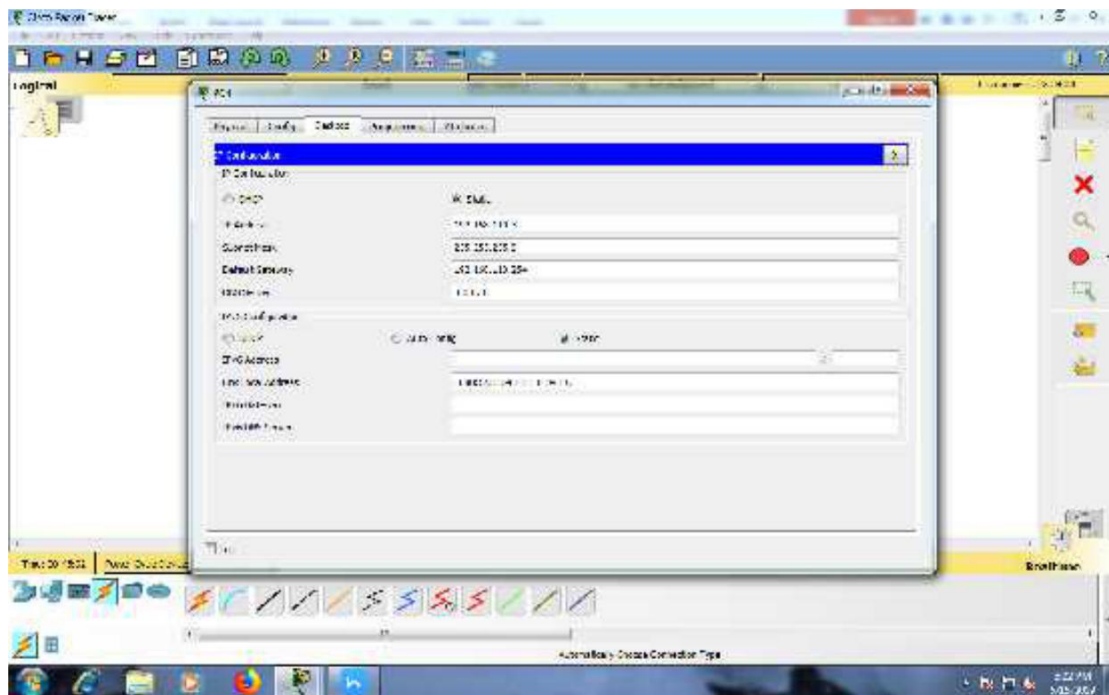


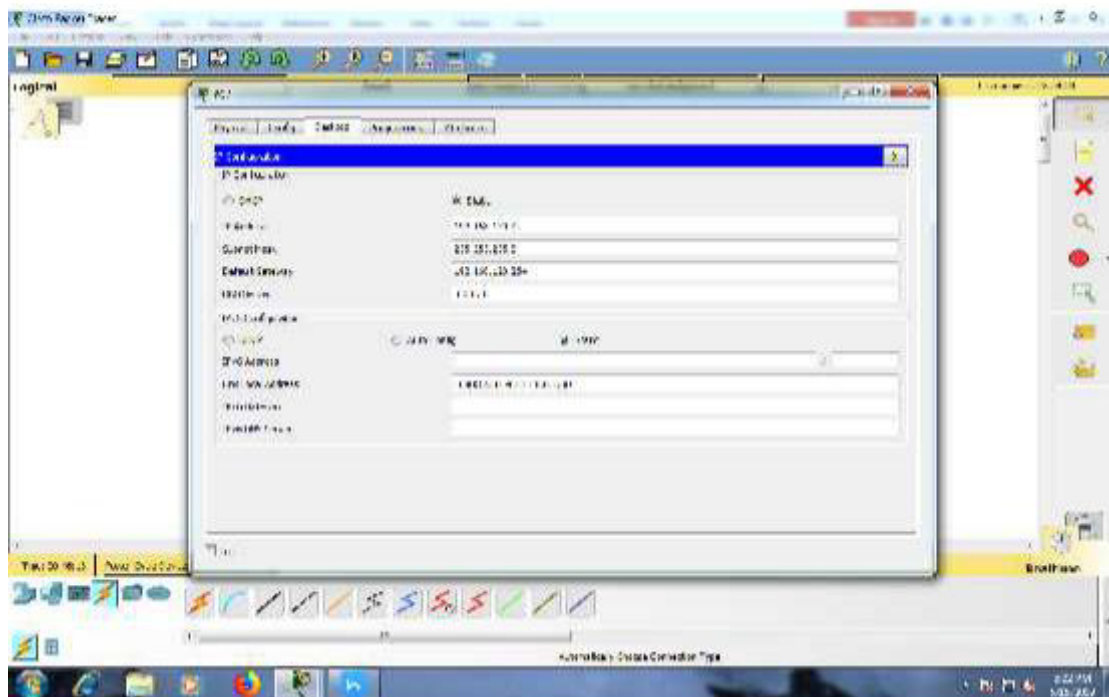
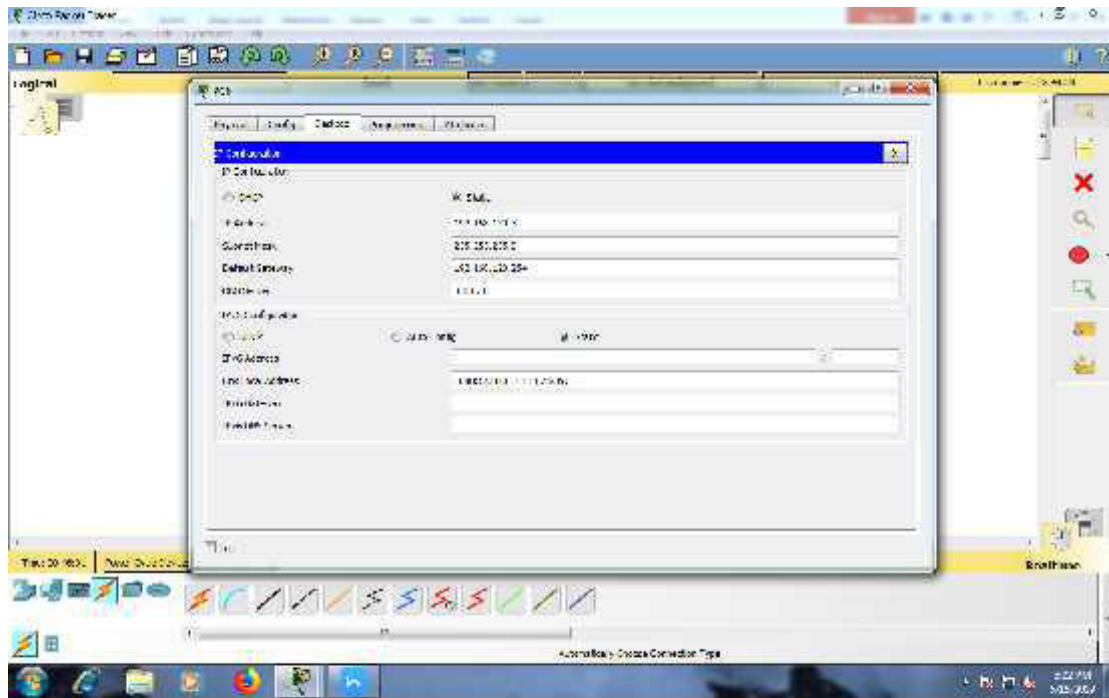


Melakukan routing dengan mengkonfigurasi protocol RIP pada router 3 dan router 2

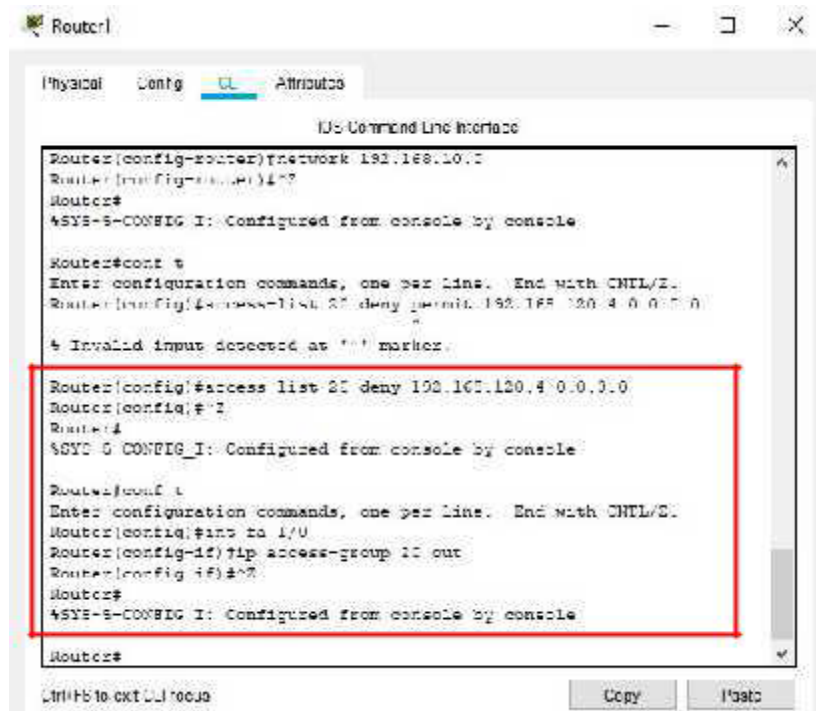


4. Memberikan IP Address pada setiap PC





5. Cara memblokir akses dari router kepada setiap PC untuk mengakses.



```
Router>
Router(config-router)#network 192.168.10.0
Router(config-router)#exit
Router#
$SYS-S-CONFIG I: Configured from console by console

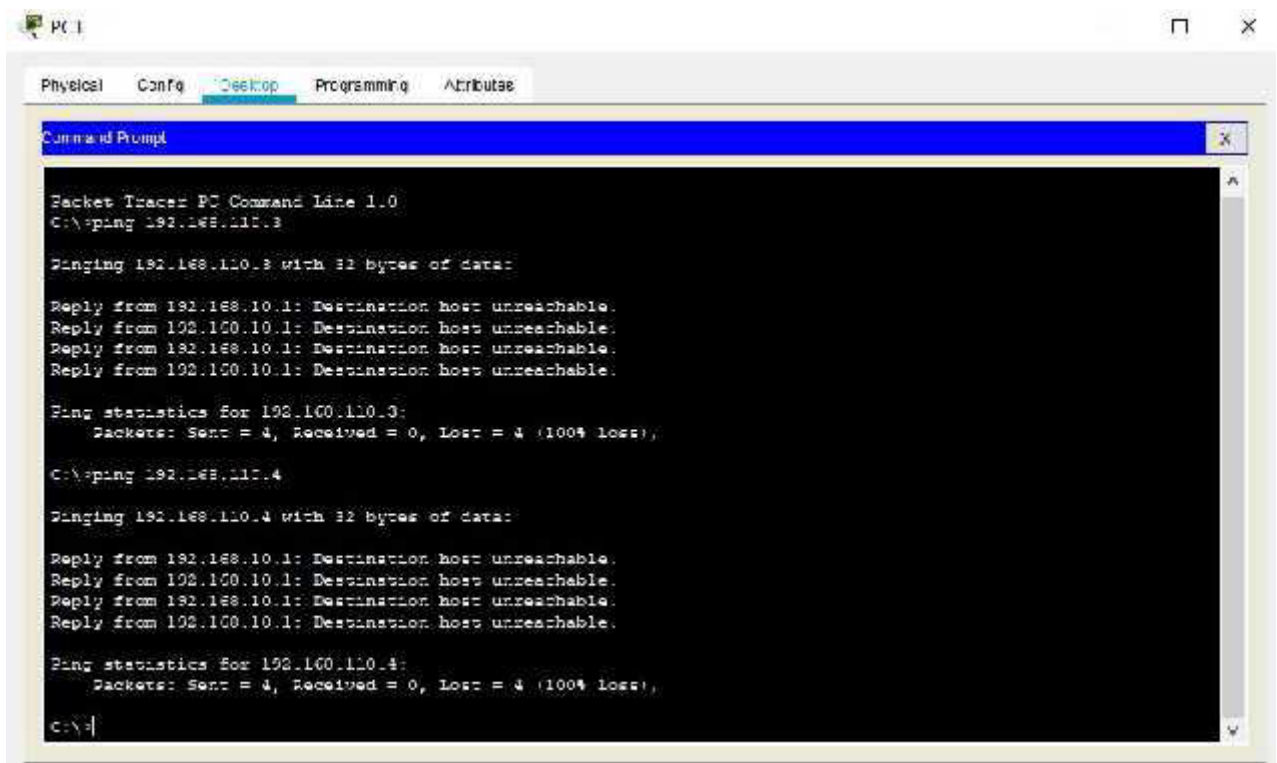
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#access-list 20 deny permit.192.168.10.0 0.0.0.0
4 Invalid input detected at '^' marker.

Router(config)#access list 20 deny 192.160.120.4 0.0.0.0
Router(config)#?
Router#
$SYS-S-CONFIG I: Configured from console by console

Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip access-group 20 out
Router(config-if)#?
Router#
$SYS-S-CONFIG I: Configured from console by console

Router#
```

6. Melakukan PING antar PC3 ke PC1 dan PC2



```
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.
Reply from 192.160.10.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.
Reply from 192.160.10.1: Destination host unreachable.

Ping statistics for 192.160.110.3:
    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:

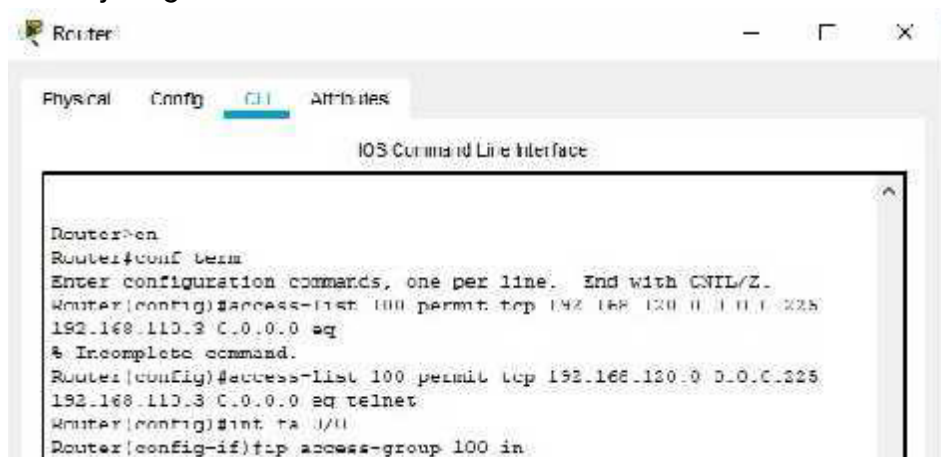
Reply from 192.168.10.1: Destination host unreachable.
Reply from 192.160.10.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.
Reply from 192.160.10.1: Destination host unreachable.

Ping statistics for 192.160.110.4:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

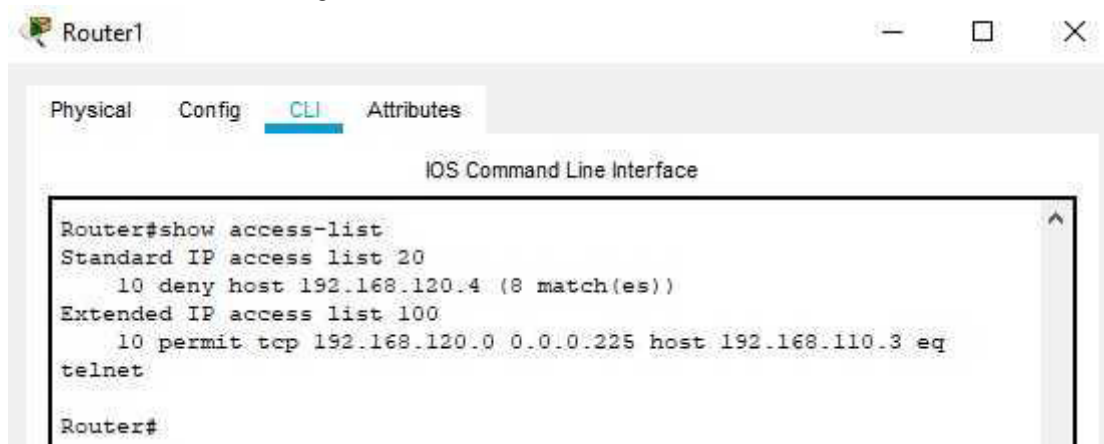
Kegiatan 2. Kegiatan Extended Access List

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



```
Router>
Router#conf term
Enter configuration commands, one per line. End with CNTRL/Z.
Router(config)#access-list 100 permit tcp 192.168.120.0 0.0.0.255
192.168.110.3 0.0.0.0 eq
% Incomplete command.
Router(config)#access-list 100 permit tcp 192.168.120.0 0.0.0.255
192.168.110.3 0.0.0.0 eq telnet
Router(config)#int fa 0/0
Router(config-if)#ip access-group 100 in
```

Melihat hasil konfigurasi



```
Router1>
Router1#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
Router1#
```