

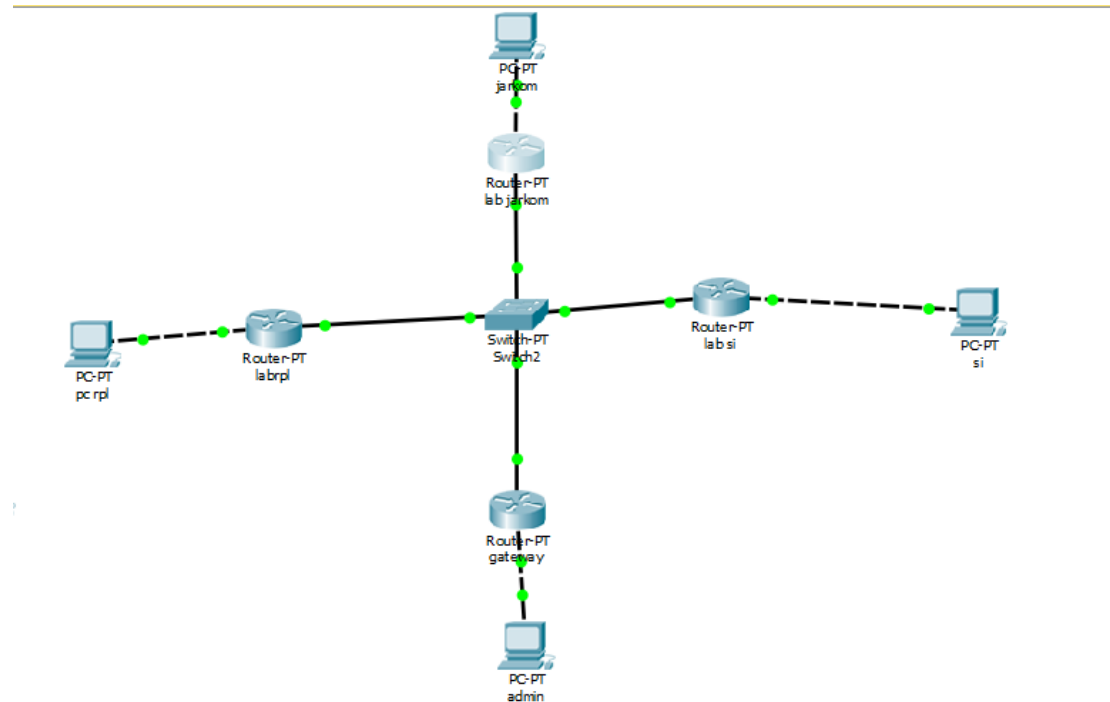
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Kelas : D

Modul 11 Kegiatan

1. Topologi



2. Setting IP

--> Jarkom

```
lab jarkom
Physical Config CLI Attributes
IOS Command Line Interface
Router(config)#interface FastEthernet0/0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-6-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
ip address 172.16.0.1 255.255.0.0
Router(config-if)#ip address 172.16.0.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address
% Incomplete command.
Router(config-if)#no shutdown
Router(config-if)#
%LINK-6-CHANGED: Interface FastEthernet1/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up
ip address 172.16.0.1 255.255.0.0
Router(config-if)#no ip address
Router(config-if)#ip address
% Incomplete command.
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address 172.15.0.1 255.255.0.0
Router(config-if)#ip address 172.15.0.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ex
Router(config)#hostname jarkom
jarkom(config)#int eth0
% Invalid input detected at '^' marker.
jarkom(config)#interface eth0
^
Ctrl+F6 to exit CLI focus
Copy Paste
Top
```

--> SI

The screenshot shows the 'lab si' window with the 'CLI' tab selected. The command history is as follows:

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 172.17.0.1 255.255.0.0
Router(config-if)#ip address 172.17.0.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-6-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address 172.15.0.2 255.255.0.0
Router(config-if)#ip address 172.15.0.2 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-6-CHANGED: Interface FastEthernet1/0, changed state to up
%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)#hostname si
si(config)#router rip
si(config-router)#network 172.15.0.0
si(config-router)#network 172.16.0.0
si(config-router)#network 172.17.0.0
si(config-router)#network 172.18.0.0
si(config-router)#network 172.19.0.0
si(config-router)#
```

At the bottom, there is a 'Top' button and a 'Copy' button.

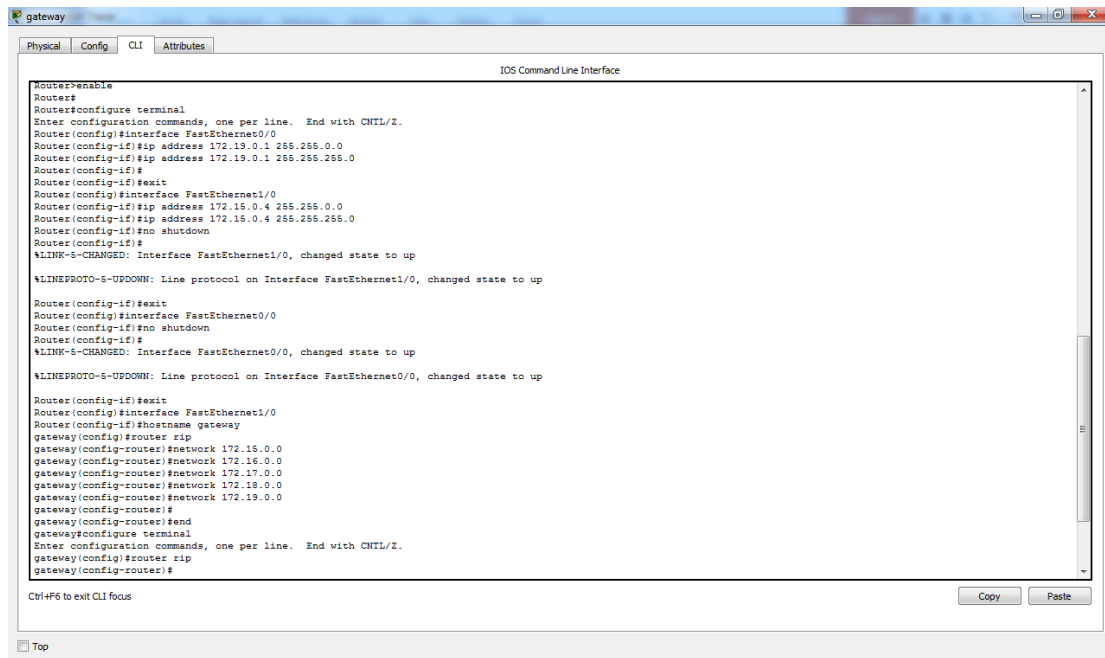
--> RPL

The screenshot shows the 'labrpl' window with the 'CLI' tab selected. The command history is as follows:

```
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 172.18.0.1 255.255.0.0
Router(config-if)#ip address 172.18.0.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address
% Incomplete command.
Router(config-if)#no shutdown
Router(config-if)#
%LINK-6-CHANGED: Interface FastEthernet1/0, changed state to up
%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)#no shutdown
Router(config-if)#
%LINK-6-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#ip address
% Incomplete command.
Router(config-if)#ip address 172.16.0.3 255.255.0.0
Router(config-if)#ip address 172.15.0.3 255.255.255.0
Router(config-if)#hostname rpl
rpl(config)#router rip
rpl(config-router)#network 172.15.0.0
rpl(config-router)#network 172.16.0.0
rpl(config-router)#network 172.17.0.0
rpl(config-router)#network 172.18.0.0
rpl(config-router)#network 172.19.0.0
rpl(config-router)#
rpl(config-router)#end
rpl(config-router)#
Enter configuration commands, one per line. End with CNTL/Z.
rpl(config)#router rip
rpl(config-router)#
```

At the bottom, there is a 'Top' button and a 'Copy' button.

--> gateway



3. Konfigurasi routing table

--> Jarkom

```
jarkom(config)#router rip
jarkom(config-router)#network 172.15.0.0
jarkom(config-router)#network 172.16.0.0
jarkom(config-router)#network 172.17.0.0
jarkom(config-router)#network 172.18.0.0
jarkom(config-router)#network 172.19.0.0
jarkom(config-router)#
```

--> SI

```
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#hostname si
si(config)#router rip
si(config-router)#network 172.15.0.0
si(config-router)#network 172.16.0.0
si(config-router)#network 172.17.0.0
si(config-router)#network 172.18.0.0
si(config-router)#network 172.19.0.0
si(config-router)#
```

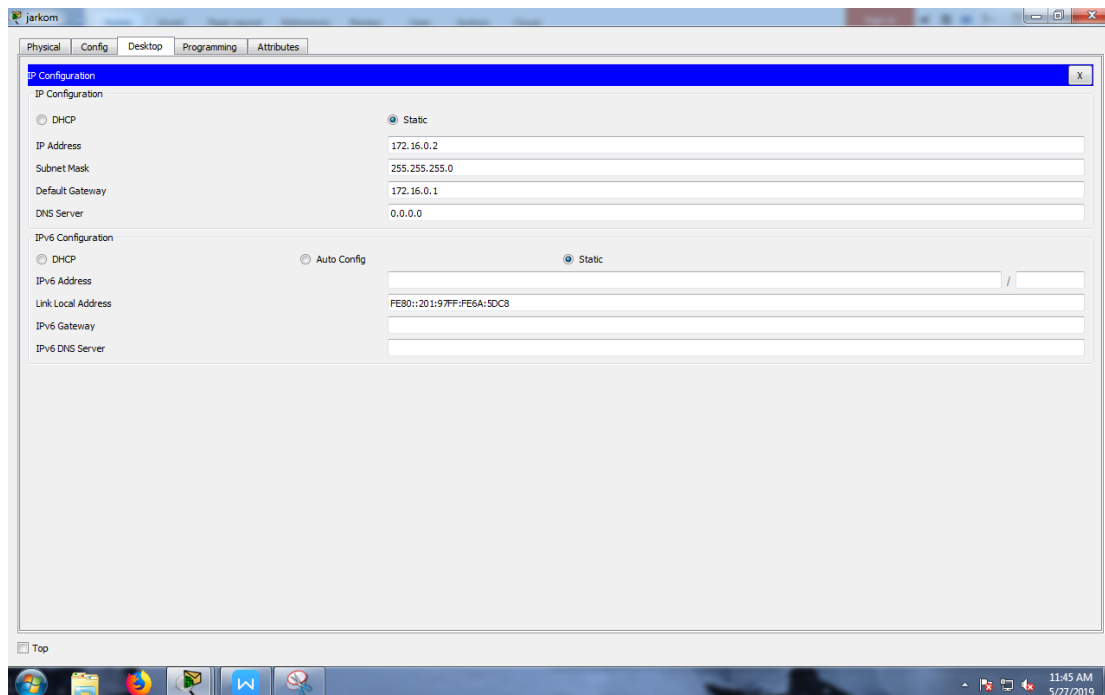
--> RPL

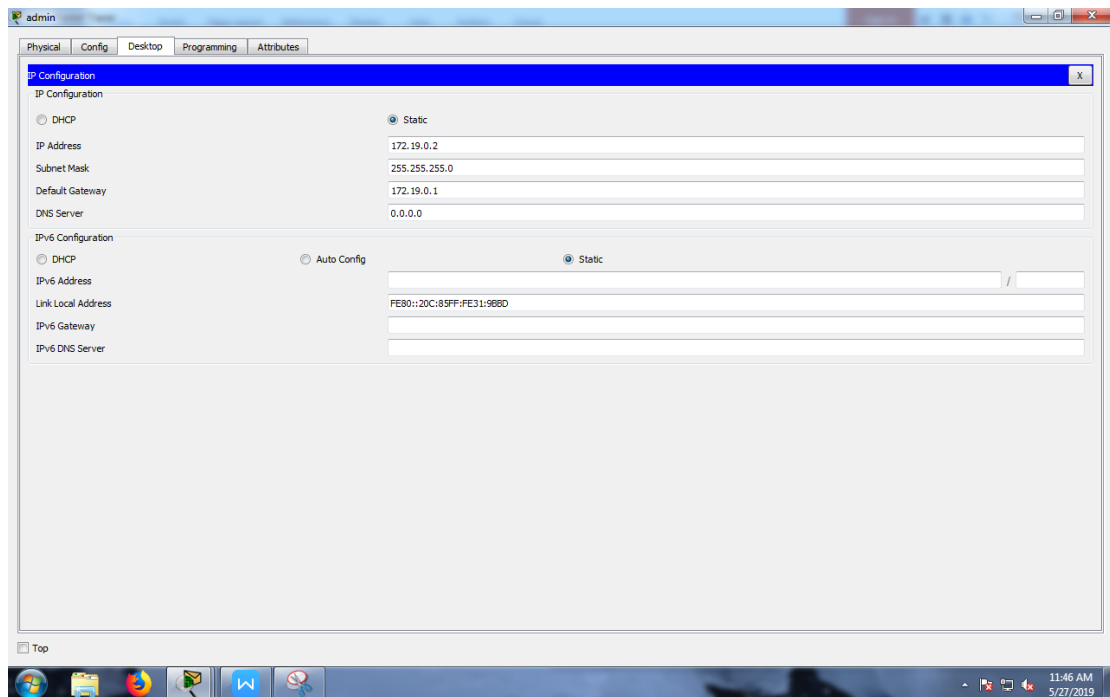
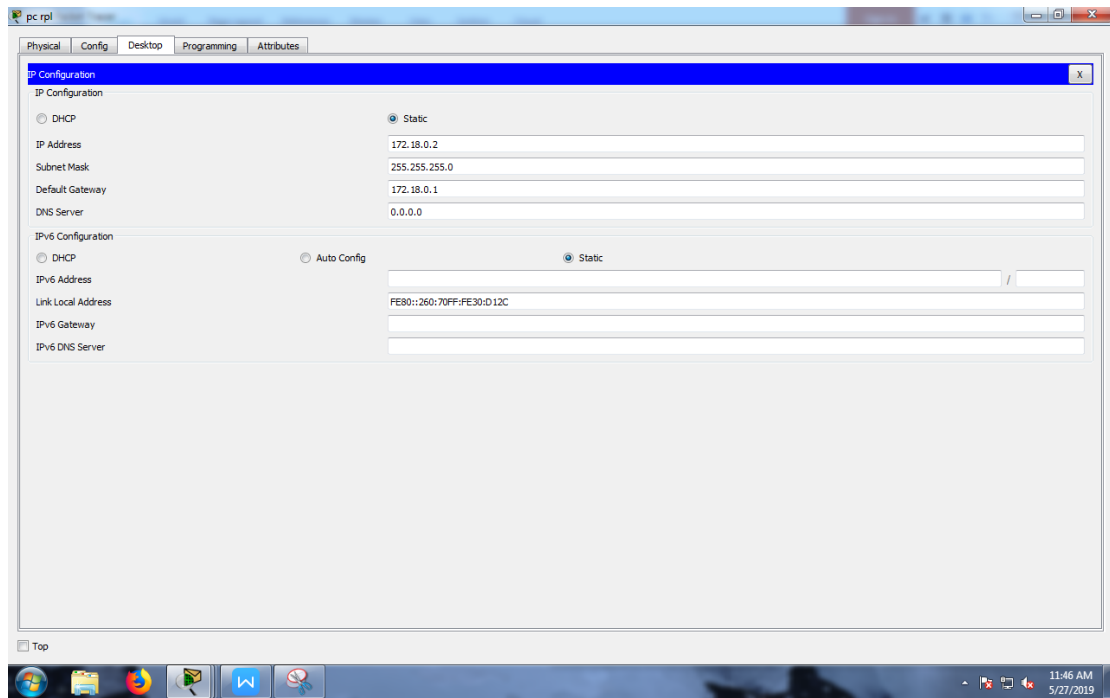
```
Router(config-if)#hostname rpl
rpl(config)#rprouter rip
rpl(config-router)#network 172.15.0.0
rpl(config-router)#network 172.16.0.0
rpl(config-router)#network 172.17.0.0
rpl(config-router)#network 172.18.0.0
rpl(config-router)#network 172.19.0.0
rpl(config-router)#
```

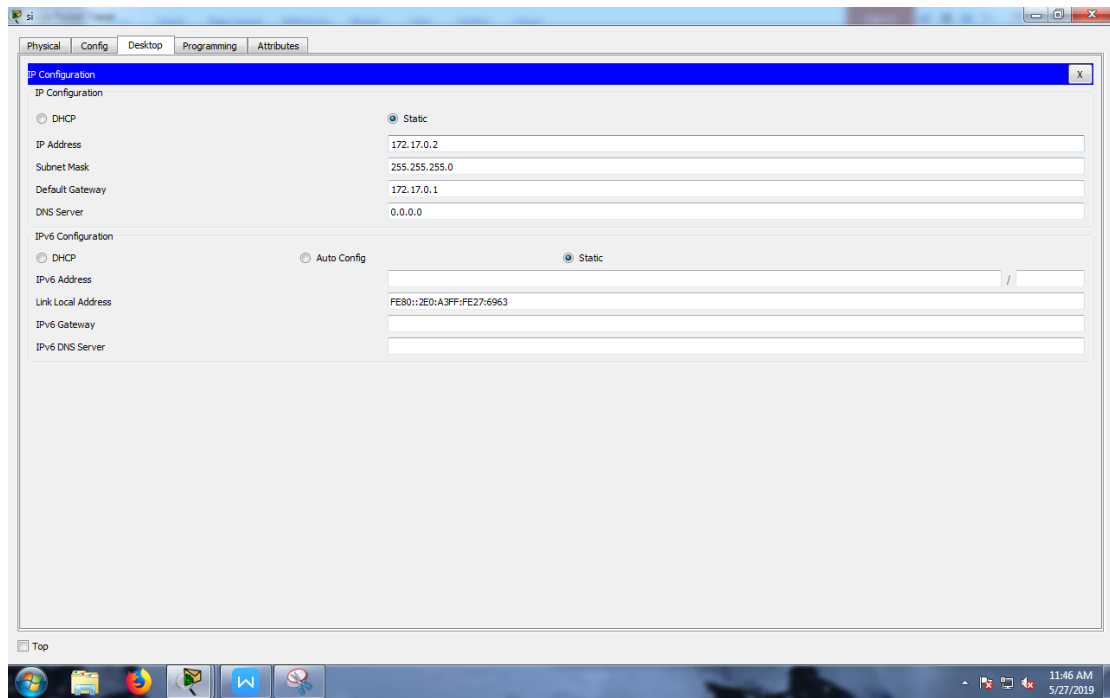
--> Gateway

```
gateway(config)#router rip
gateway(config-router)#network 172.15.0.0
gateway(config-router)#network 172.16.0.0
gateway(config-router)#network 172.17.0.0
gateway(config-router)#network 172.18.0.0
gateway(config-router)#network 172.19.0.0
```

4. Setting IP







5. Pengecekan

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Nu
	Successful	admin	si	ICMP		0.000	N	0
	Successful	admin	jarkom	ICMP		0.000	N	1
	Successful	admin	pc rpl	ICMP		0.000	N	2