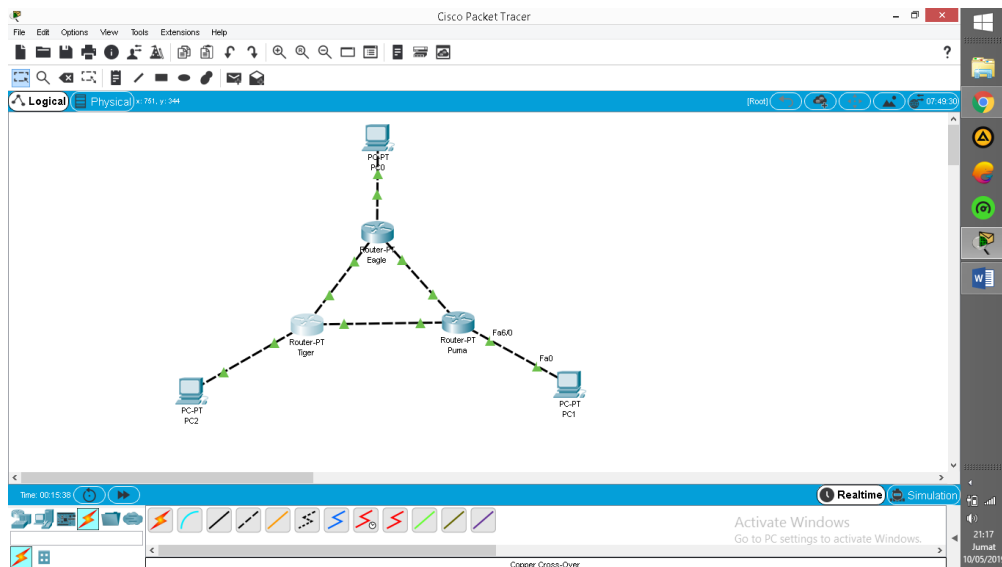Nama : Fajar Nur Hidayat

NIM : L200170003

Kelas : A

Konfigurasi Router Eagle
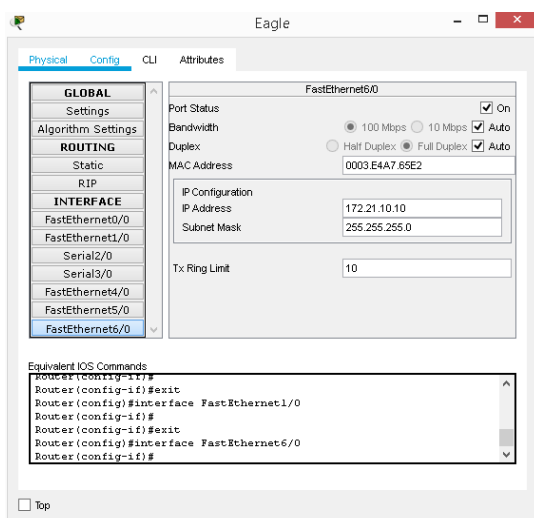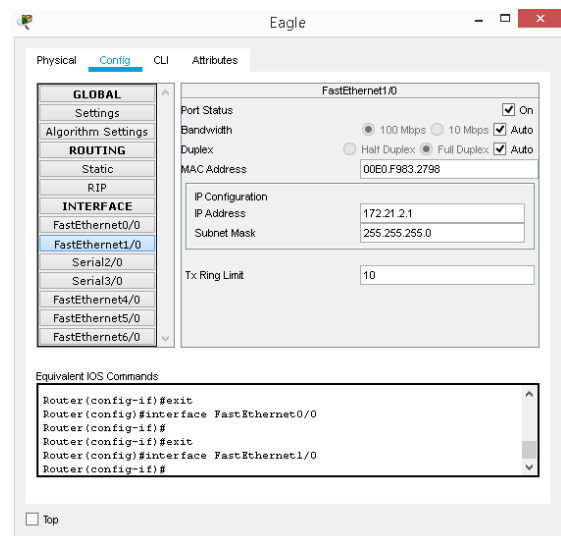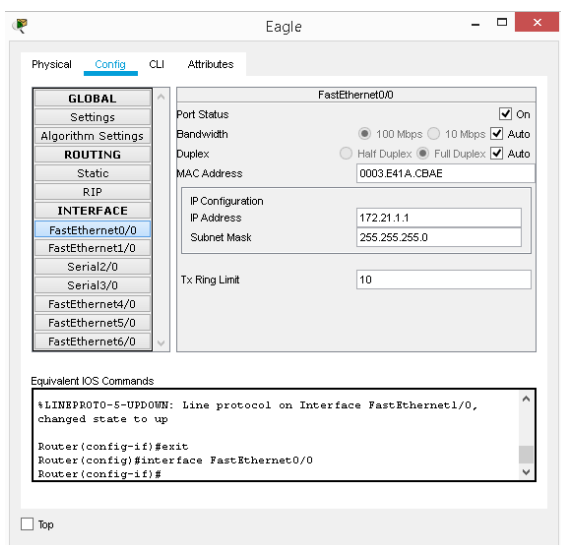
Konfigurasi Router Puma

FastEthernet0/0
- Port Status: On
- Bandwidth: 100 Mbps / 10 Mbps / Auto
- Duplex: Half Duplex / Full Duplex / Auto
- MAC Address: 0001.429A.42A3
- IP Configuration
  - IP Address: 172.21.1.2
  - Subnet Mask: 255.255.255.0
- Tx Ring Limit: 10

Equivalent IOS Commands
```
%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)#
```

FastEthernet1/0
- Port Status: On
- Bandwidth: 100 Mbps / 10 Mbps / Auto
- Duplex: Half Duplex / Full Duplex / Auto
- MAC Address: 0001.9742.479C
- IP Configuration
  - IP Address: 172.21.3.2
  - Subnet Mask: 255.255.255.0
- Tx Ring Limit: 10

Equivalent IOS Commands
```
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
```


FastEthernet6/0
- Port Status: On
- Bandwidth: 100 Mbps / 10 Mbps / Auto
- Duplex: Half Duplex / Full Duplex / Auto
- MAC Address: 000A.F3B5.BEB2
- IP Configuration
  - IP Address: 172.21.20.20
  - Subnet Mask: 255.255.255.0
- Tx Ring Limit: 10

Equivalent IOS Commands
```
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet6/0
Router(config-if)#
```

Konfigurasi Router Tiger

FastEthernet0/0

Port Status	On ✓
Bandwidth	⦿ 100 Mbps ⚪ 10 Mbps ✓ Auto
Duplex	⚪ Half Duplex ⦿ Full Duplex ✓ Auto
MAC Address	000A.41C4.6A12

IP Configuration
IP Address: 172.21.2.3
Subnet Mask: 255.255.255.0

Tx Ring Limit: 10

Equivalent IOS Commands
```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0,
changed state to up

Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
```


FastEthernet1/0

Port Status	On ✓
Bandwidth	⦿ 100 Mbps ⚪ 10 Mbps ✓ Auto
Duplex	⚪ Half Duplex ⦿ Full Duplex ✓ Auto
MAC Address	0005.5E67.841C

IP Configuration
IP Address: 172.21.3.3
Subnet Mask: 255.255.255.0

Tx Ring Limit: 10

Equivalent IOS Commands
```
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
```


FastEthernet6/0

Port Status	On ✓
Bandwidth	⦿ 100 Mbps ⚪ 10 Mbps ✓ Auto
Duplex	⚪ Half Duplex ⦿ Full Duplex ✓ Auto
MAC Address	0006.2A4C.1BEC

IP Configuration
IP Address: 172.21.30.30
Subnet Mask: 255.255.255.0

Tx Ring Limit: 10

Equivalent IOS Commands
```
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet1/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet6/0
Router(config-if)#
```

Konfigurasi IP di PC

Leo

Physical	Config	**Desktop**	Programming	Attributes

○ DHCP   ● Static

IP Address	172.21.10.11
Subnet Mask	255.255.0.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address	/
Link Local Address	FE80::204:9AFF:FE2E:9C3A
IPv6 Gateway	
IPv6 DNS Server	

802.1X

☐ Use 802.1X Security

Authentication	MD5
Username	
Password	

☐ Top

Aries

Physical	Config	**Desktop**	Programming	Attributes

○ DHCP   ● Static

IP Address	172.21.20.21
Subnet Mask	255.255.0.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address	/
Link Local Address	FE80::2E0:A3FF:FED7:1730
IPv6 Gateway	
IPv6 DNS Server	

802.1X

☐ Use 802.1X Security

Authentication	MD5
Username	
Password	

☐ Top

Virgo

Physical	Config	**Desktop**	Programming	Attributes

○ DHCP   ● Static

IP Address	172.21.30.31
Subnet Mask	255.255.0.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address	/
Link Local Address	FE80::202:17FF:FEA4:7C21
IPv6 Gateway	
IPv6 DNS Server	

802.1X

☐ Use 802.1X Security
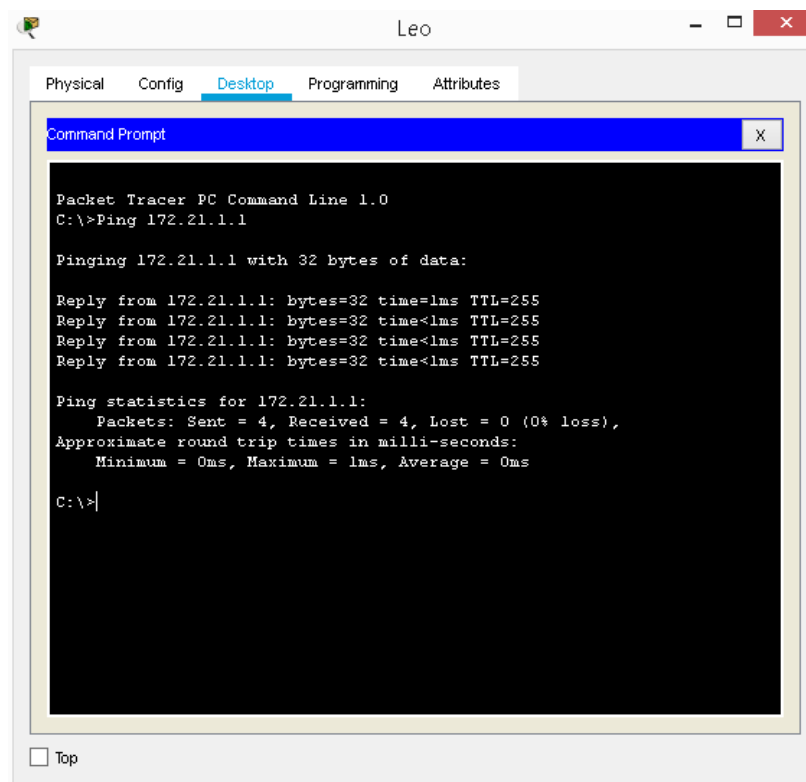
Authentication	MD5
Username	
Password	

☐ Top

➢ Ping PC Leo ke Router Eagle (172.21.1.1)

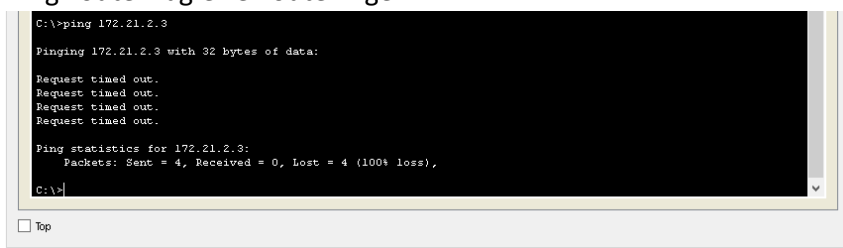➢ Ping PC Aries ke Router Puma (172.21.1.2)

➢ Ping PC Virgo ke Router Tiger (172.21.3.3)
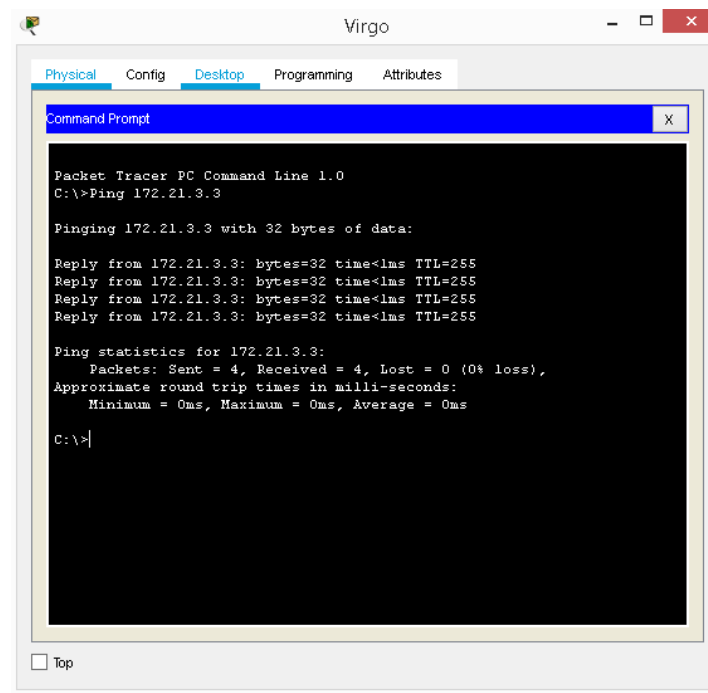
➢ Ping Router Eagle ke Router Puma
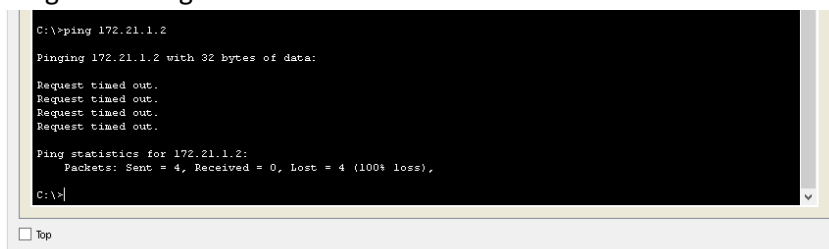
➢ Ping Router Eagle ke Router Tiger

➢ Ping Router Puma ke Router Tiger