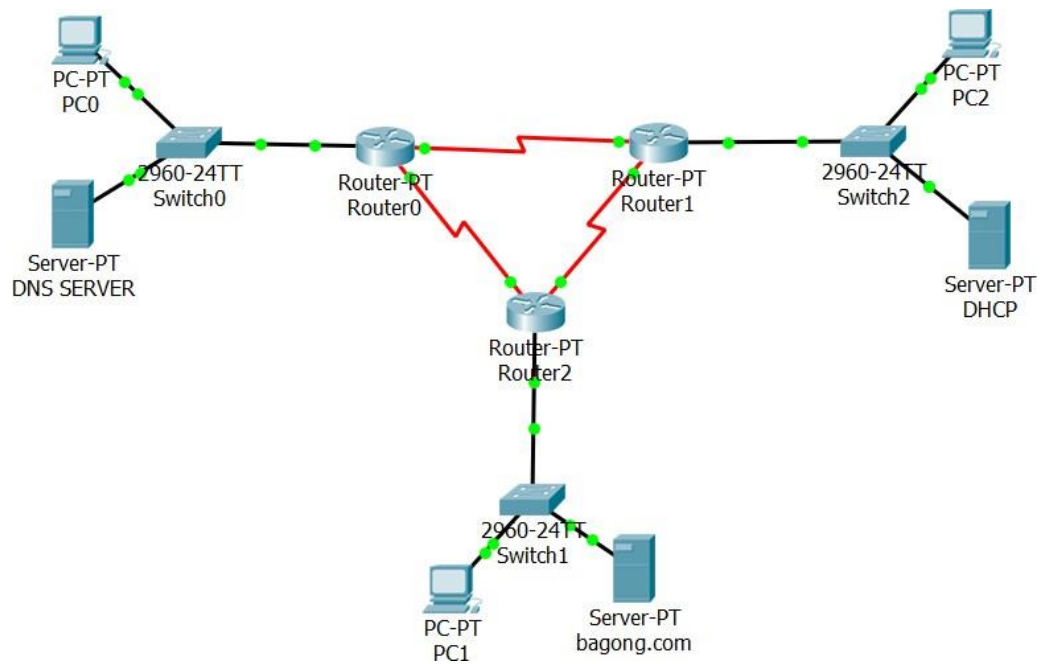


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Kelas : B

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IP Router

The screenshot displays a network simulation environment with three router configuration windows and a central network diagram.

Router0 Configuration:

- GLOBAL Settings:** Port Status: On, Bandwidth: 100 Mbps, Duplex: Full Duplex, MAC Address: 0030.F204.7606.
- ROUTING:** Static, RIP.
- INTERFACE:** FastEthernet0/0: IP Address: 192.168.10.1, Subnet Mask: 255.255.255.0, Tx Ring Limit: 10.
- Equivalent IOS Commands:**

```
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

Router1 Configuration:

- GLOBAL Settings:** Port Status: On, Bandwidth: 100 Mbps, Duplex: Full Duplex, MAC Address: 0050.0F8E.D2AB.
- ROUTING:** Static, RIP.
- INTERFACE:** FastEthernet0/0: IP Address: 192.168.20.1, Subnet Mask: 255.255.255.0, Tx Ring Limit: 10.
- Equivalent IOS Commands:**

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

Router2 Configuration:

- GLOBAL Settings:** Port Status: On, Bandwidth: 100 Mbps, Duplex: Full Duplex, MAC Address: 0000.978E.4304.
- ROUTING:** Static, RIP.
- INTERFACE:** FastEthernet0/0: IP Address: 192.168.30.1, 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 FastEthernet0/0
Router(config-if)#
```

Network Diagram: A central switch (2960-24T) is connected to two PCs (PC1 and PC2). The switch is also connected to the three routers (Router0, Router1, Router2).

Simulation Environment: The interface shows a Windows taskbar at the bottom with the time 00:11:31, date 04/07/2019, and system tray icons. The top bar indicates the simulation is in "Realtime" mode.

Router0

Physical Config CLI Attributes

GLOBAL Settings

Algorithm Settings

ROUTING Static

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Router0

Physical Config CLI Attributes

GLOBAL Settings

Algorithm Settings

ROUTING Static

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Router1

Physical Config CLI Attributes

GLOBAL Settings

Algorithm Settings

ROUTING Static

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Router2

Physical Config CLI Attributes

GLOBAL Settings

Algorithm Settings

ROUTING Static

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Time: 00:11:48

Power Cycle Devices

Fast Forward Time

2621XM

Activate Windows

Go to Settings to activate Windows.

Realtime

2003

04/07/2019

Router0

Physical Config CLI Attributes

GLOBAL Settings

Algorithm Settings

ROUTING Static

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial3/0

Router(config-if)#

Router0

Physical Config CLI Attributes

GLOBAL Settings

Algorithm Settings

ROUTING Static

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial3/0

Router(config-if)#

Router1

Physical Config CLI Attributes

GLOBAL Settings

Algorithm Settings

ROUTING Static

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial3/0

Router(config-if)#

Router2

Physical Config CLI Attributes

GLOBAL Settings

Algorithm Settings

ROUTING Static

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial3/0

Router(config-if)#

Time: 00:12:04

Power Cycle Devices

Fast Forward Time

2621XM

Activate Windows

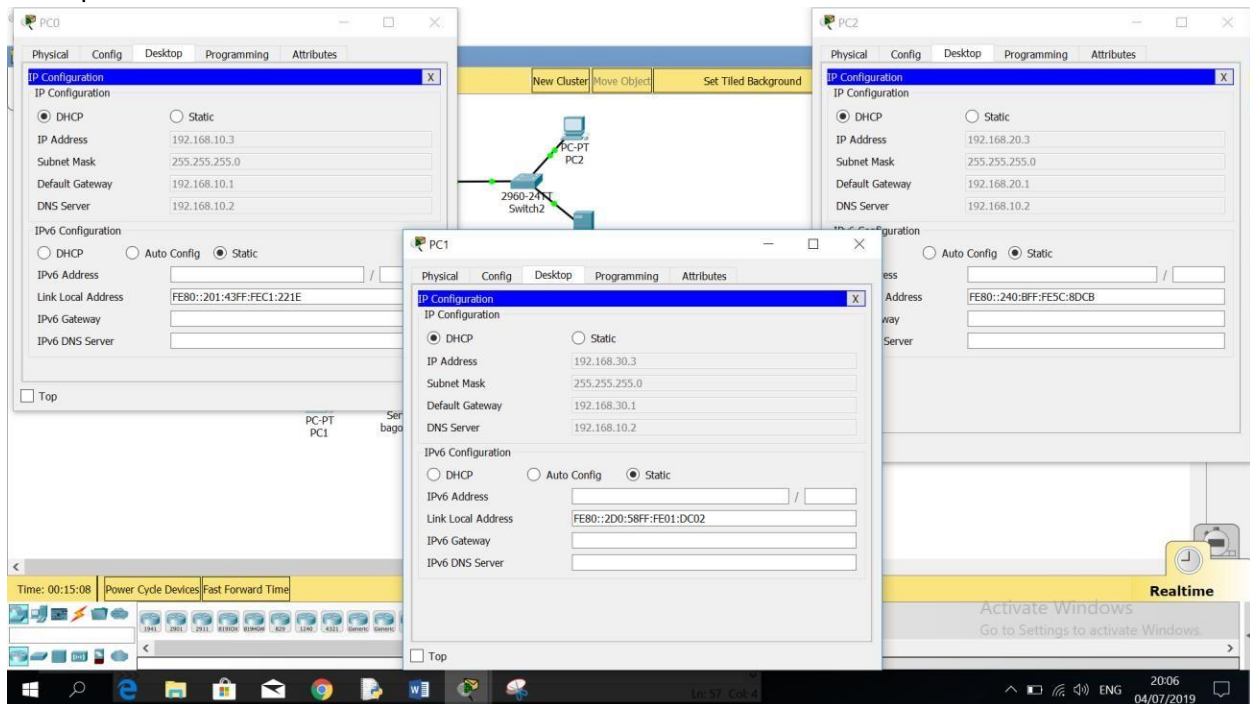
Go to Settings to activate Windows.

Realtime

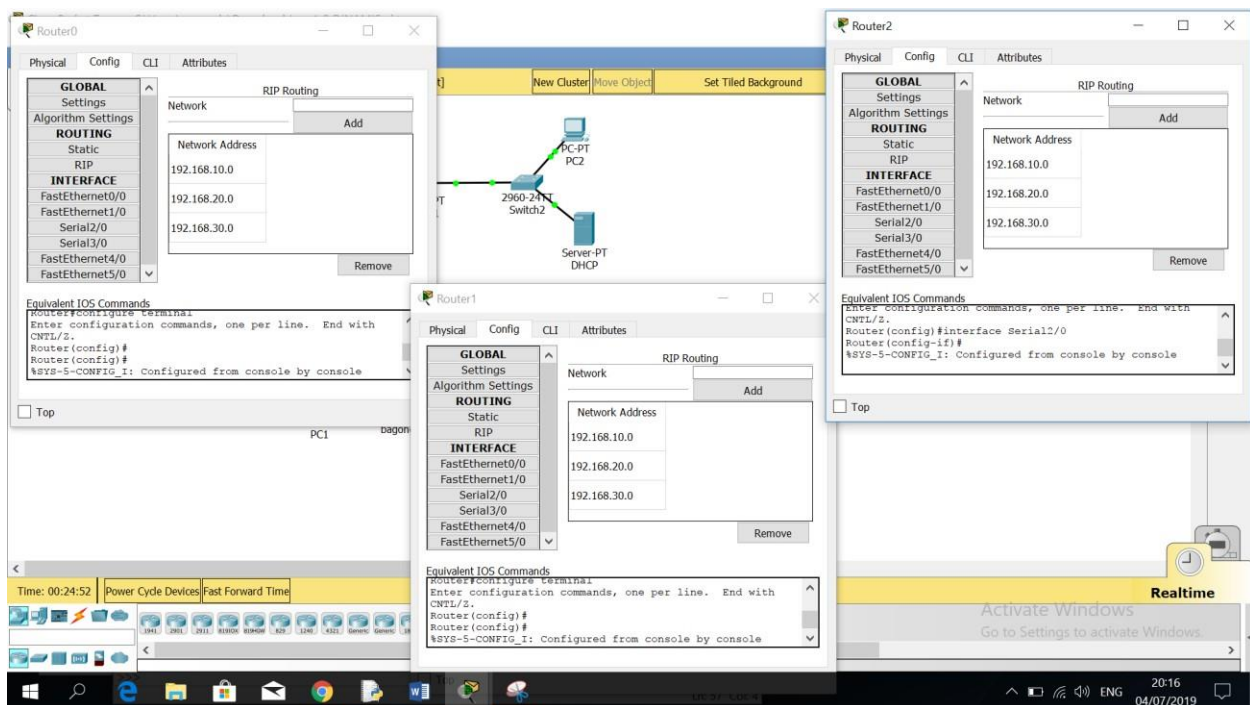
2003

04/07/2019

No 2 Ip PC



No 3 Routing RIP



No 4 Routing statis

The image displays three Cisco Packet Tracer router configuration windows, Router0, Router1, and Router2, showing static routing configurations. The configurations are as follows:

Router0 Configuration:

- Static Routes:**
 - Network: 192.168.10.0, Mask: 255.255.255.0, Next Hop: 192.168.10.3
- Interface Configuration:**
 - FastEthernet0/0: 192.168.30.0/24 via 192.168.30.3
 - FastEthernet1/0: 192.168.20.0/24 via 192.168.20.3
 - Serial2/0: 192.168.10.0/24 via 192.168.10.3
 - FastEthernet4/0: 192.168.30.0/24 via 192.168.30.3
 - FastEthernet5/0: 192.168.30.0/24 via 192.168.30.3

Router1 Configuration:

- Static Routes:**
 - Network: 192.168.30.0, Mask: 255.255.255.0, Next Hop: 192.168.30.3
- Interface Configuration:**
 - FastEthernet0/0: 192.168.10.0/24 via 192.168.10.3
 - FastEthernet1/0: 192.168.20.0/24 via 192.168.20.3
 - Serial2/0: 192.168.30.0/24 via 192.168.30.3
 - FastEthernet4/0: 192.168.30.0/24 via 192.168.30.3
 - FastEthernet5/0: 192.168.30.0/24 via 192.168.30.3

Router2 Configuration:

- Static Routes:**
 - Network: 192.168.30.0, Mask: 255.255.255.0, Next Hop: 192.168.30.3
- Interface Configuration:**
 - FastEthernet0/0: 192.168.10.0/24 via 192.168.10.3
 - FastEthernet1/0: 192.168.20.0/24 via 192.168.20.3
 - Serial2/0: 192.168.30.0/24 via 192.168.30.3
 - FastEthernet4/0: 192.168.30.0/24 via 192.168.30.3
 - FastEthernet5/0: 192.168.30.0/24 via 192.168.30.3

The bottom of the image shows a Windows taskbar with the time 00:28:09 and date 04/07/2019. The taskbar also includes icons for various applications and a system tray with network and volume indicators.

No 5 Access list

