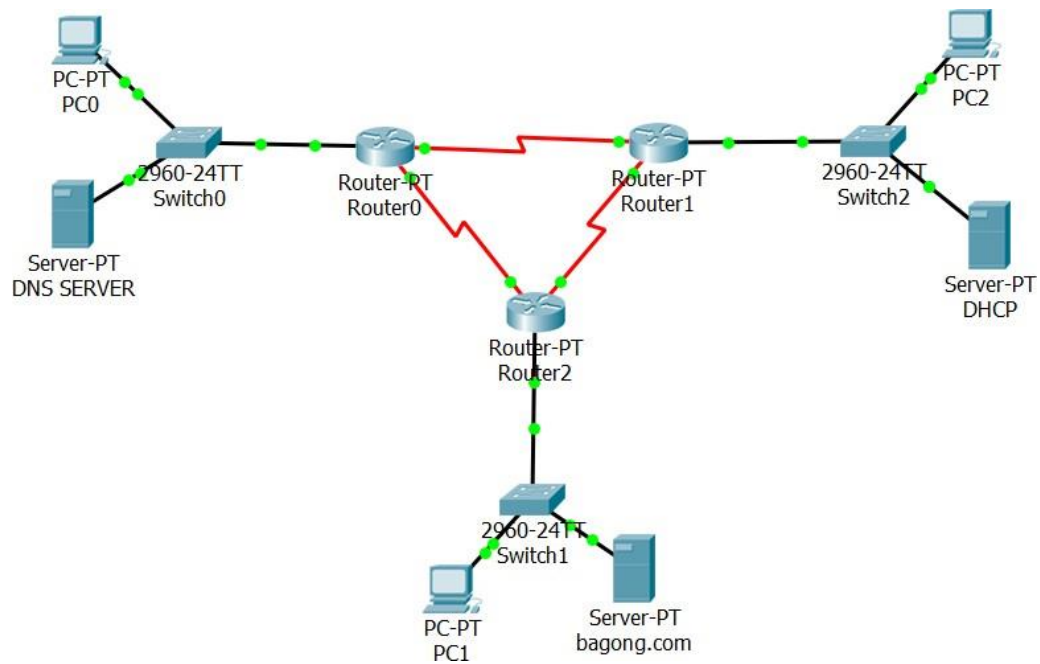


Nama : Farras Afifni Zakki
Kelas : B
Nim : L200170069



IP Router

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

Router0 Configuration:

- Physical:** FastEthernet0/0
- Config:**
 - Port Status: On
 - Bandwidth: 100 Mbps
 - Duplex: Full Duplex
 - MAC Address: 0030.F204.7606
 - IP Configuration: IP Address 192.168.10.1, Subnet Mask 255.255.255.0
 - Tx Ring Limit: 10
- Attributes:** (Empty)
- 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:

- Physical:** FastEthernet0/0
- Config:**
 - Port Status: On
 - Bandwidth: 100 Mbps
 - Duplex: Full Duplex
 - MAC Address: 0050.0F8E.D2AB
 - IP Configuration: IP Address 192.168.20.1, Subnet Mask 255.255.255.0
 - Tx Ring Limit: 10
- Attributes:** (Empty)
- 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:

- Physical:** FastEthernet0/0
- Config:**
 - Port Status: On
 - Bandwidth: 100 Mbps
 - Duplex: Full Duplex
 - MAC Address: 0000.978E.4304
 - IP Configuration: IP Address 192.168.30.1, Subnet Mask 255.255.255.0
 - Tx Ring Limit: 10
- Attributes:** (Empty)
- 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 diagram shows a network topology with a switch (Switch2) connected to three PCs (PC1, PC2, PC3) and three routers (Router0, Router1, Router2). The routers are connected to the switch via their FastEthernet0/0 interfaces.

System Information: The bottom of the screen shows a Windows taskbar with the time 00:11:31, date 04/07/2019, and system tray icons.

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)#

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)#

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)#

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)#

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)#

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)#

Time: 00:12:04

Power Cycle Devices

Fast Forward Time

2621XM

Activate Windows

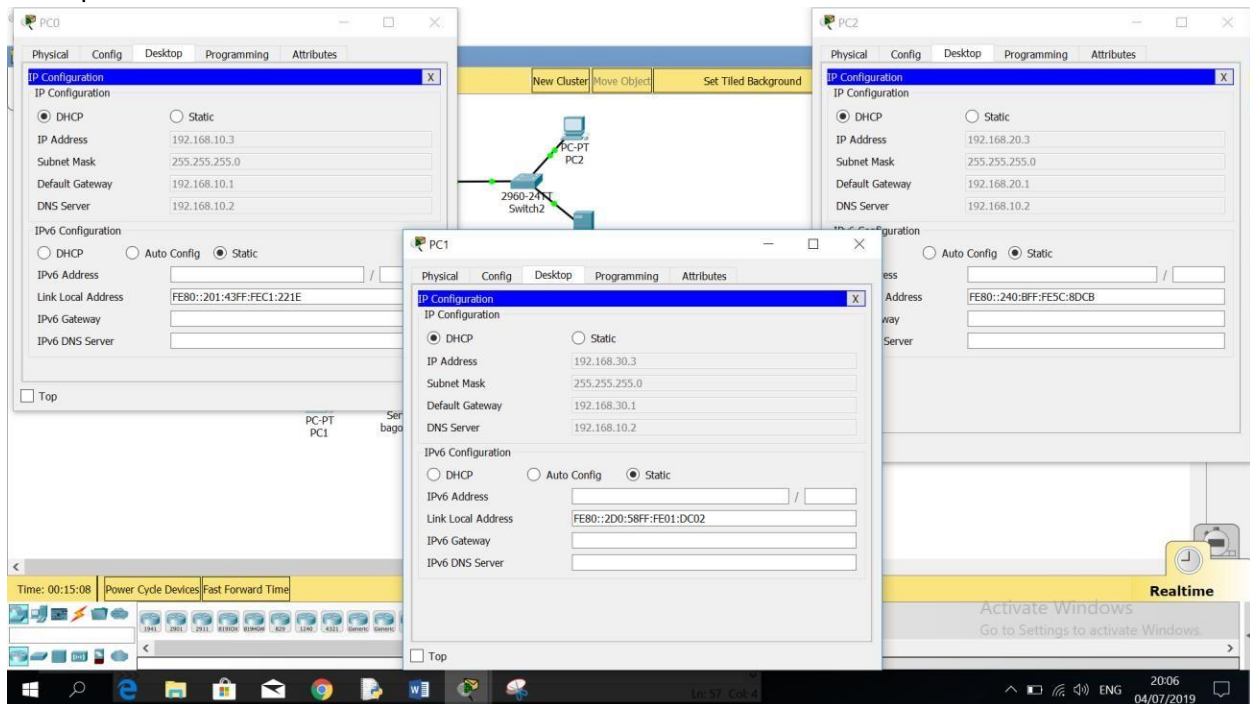
Go to Settings to activate Windows.

Realtime

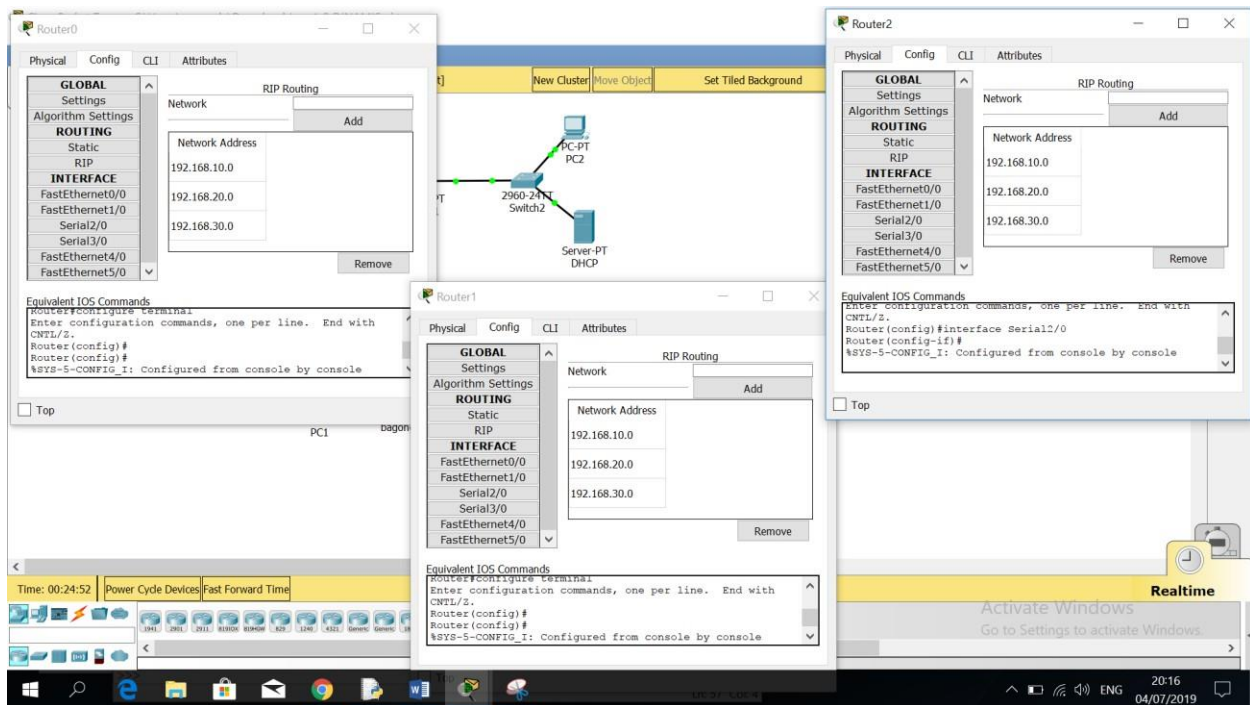
2003

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, each showing the configuration for a different router (Router0, Router1, and Router2). The configurations are for static routing, with the following details:

- Router0:**
 - Static Routes:** Network 192.168.10.0, Mask 255.255.255.0, Next Hop 192.168.10.3.
 - Interface:** FastEthernet0/0, FastEthernet1/0, Serial2/0, Serial3/0, FastEthernet4/0, FastEthernet5/0.
 - Equivalent IOS Commands:**

```
Router(config)#
%SYS-5-CONFIG_I: Configured from console by console
ip route 192.168.30.0 255.255.255.0 192.168.30.3
Router(config)#ip route 192.168.20.0 255.255.255.0 192.168.20.3
Router(config)#ip route 192.168.10.0 255.255.255.0 192.168.10.3
Router(config)#
```
- Router1:**
 - Static Routes:** Network 192.168.30.0, Mask 255.255.255.0, Next Hop 192.168.30.3.
 - Interface:** FastEthernet0/0, FastEthernet1/0, Serial2/0, Serial3/0, FastEthernet4/0, FastEthernet5/0.
 - Equivalent IOS Commands:**

```
Router(config)#
Router(config)#
%SYS-5-CONFIG_I: Configured from console by console
ip route 192.168.10.0 255.255.255.0 192.168.10.3
Router(config)#ip route 192.168.20.0 255.255.255.0 192.168.20.3
Router(config)#ip route 192.168.30.0 255.255.255.0 192.168.30.3
Router(config)#
```
- Router2:**
 - Static Routes:** Network 192.168.30.0, Mask 255.255.255.0, Next Hop 192.168.30.3.
 - Interface:** FastEthernet0/0, FastEthernet1/0, Serial2/0, Serial3/0, FastEthernet4/0, FastEthernet5/0.
 - Equivalent IOS Commands:**

```
Router(config)#
Router(config)#
%SYS-5-CONFIG_I: Configured from console by console
ip route 192.168.10.0 255.255.255.0 192.168.10.3
Router(config)#ip route 192.168.20.0 255.255.255.0 192.168.20.3
Router(config)#ip route 192.168.30.0 255.255.255.0 192.168.30.3
Router(config)#
```

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 the time 20:19 and date 04/07/2019.

No 5 Access list

