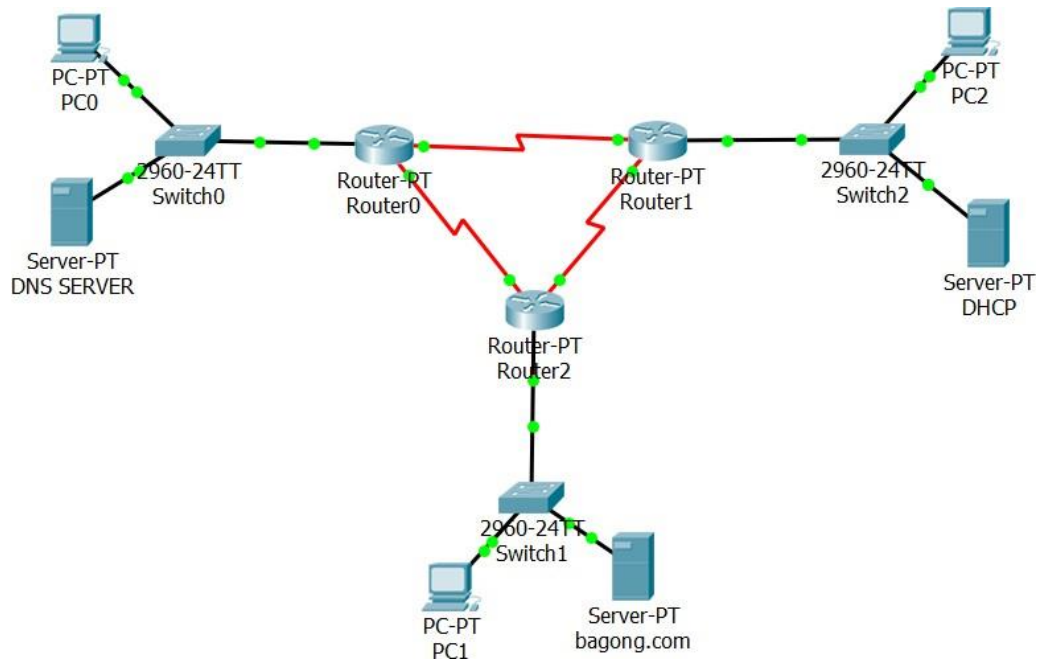


Nama : Majid Narendra

Nim : L200170063

Kelas : B



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:

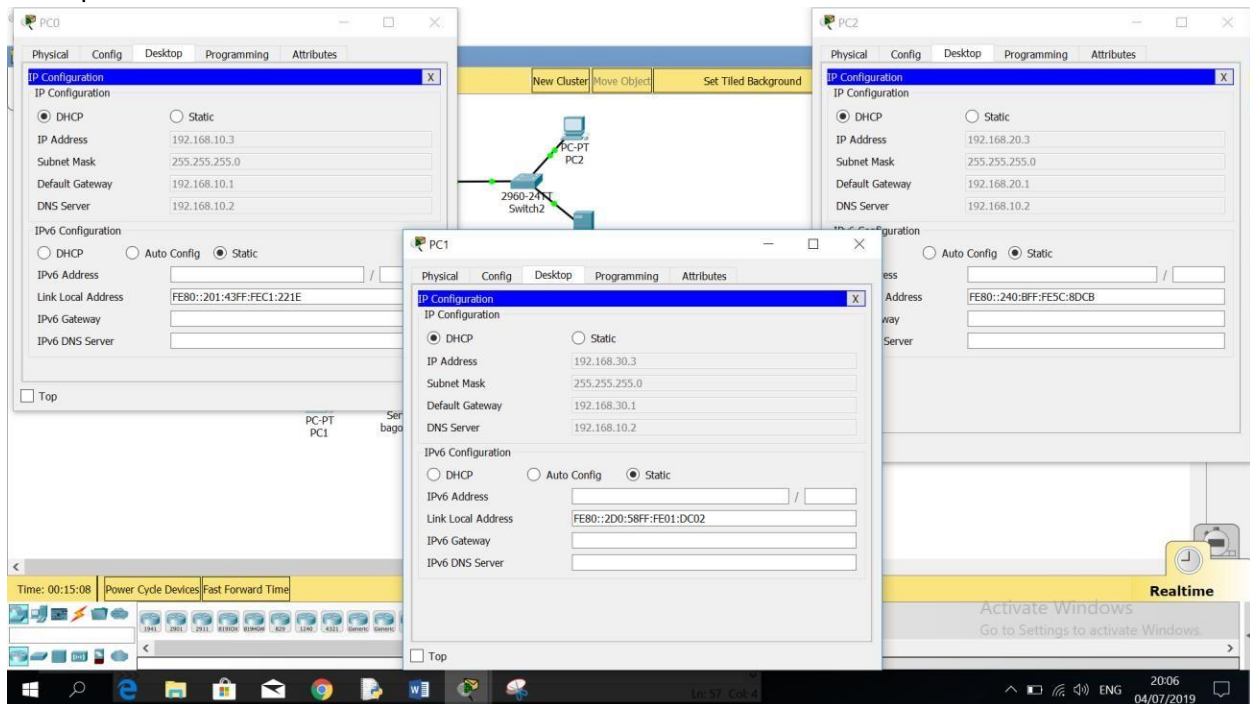
- GLOBAL Settings:** Port Status: On, Bandwidth: 100 Mbps, Duplex: Full Duplex, MAC Address: 0000.978E.4304.
- ROUTING:** Static, RIP.
- INTERFACE:** FastEthernet0/0: IP Address: 192.168.30.1, Subnet Mask: 255.255.255.0, Tx Ring Limit: 10.
- Equivalent IOS Commands:**

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

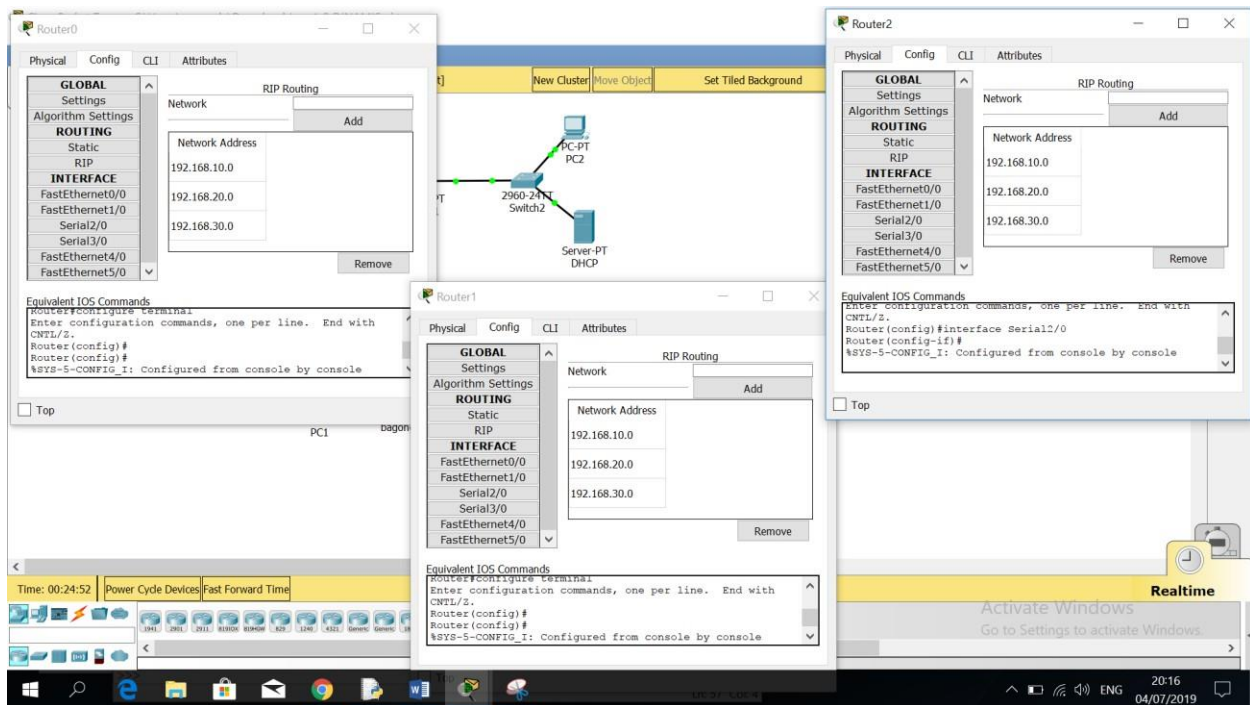
Network Diagram: A central switch (2960-24T) is connected to two PCs (PC1, PC2) and two routers (Router0, Router2). The routers are connected to the switch via their FastEthernet0/0 interfaces.

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.

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 the system tray.

No 5 Access list

