

Nama : Moch Afif Abdillah

Nim : L200170004

Kelas : A

Modul : 9

## Router Lokal

### Ethernet0/0

The screenshot displays the Cisco Packet Tracer interface. On the left, a network topology is visible: a Router-PT labeled 'lokal' is connected to a Switch-PT labeled 'Switch2', which in turn is connected to two PC-PTs labeled 'PC0' and 'PC1'. The Router-PT 'lokal' is also connected to another Router-PT. The main window shows the configuration for the 'lokal' router, specifically the 'FastEthernet0/0' interface. The configuration includes the following settings:

- Port Status:** On
- Bandwidth:** 100 Mbps
- Duplex:** Full Duplex
- MAC Address:** 0001.C936.325A
- IP Configuration:** IP Address: 30.0.0.1, Subnet Mask: 255.255.255.0
- Tx Ring Limit:** 10

The 'Equivalent IOS Commands' section shows the following commands:

```
lokal(config)#interface FastEthernet0/0
lokal(config-if)#
lokal(config-if)#exit
lokal(config)#interface Serial12/0
lokal(config-if)#
lokal(config-if)#exit
lokal(config)#interface FastEthernet0/0
lokal(config-if)#
```

## Serial2/0

The screenshot shows the Cisco Packet Tracer interface with a network topology. The topology includes two routers, 'lokal' and 'internet', connected via their Serial2/0 interfaces. The 'lokal' router is connected to a switch, which is connected to two PCs (PC0 and PC1). The 'internet' router is connected to a switch, which is connected to a server (Server2). The configuration window for the 'lokal' router is open, showing the configuration for the Serial2/0 interface. The configuration includes setting the port status to 'On', duplex to 'Full Duplex', clock rate to '84000', IP address to '20.0.0.1', and subnet mask to '255.255.255.0'. The equivalent IOS commands are listed at the bottom of the window.

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

## Router internet

### Ethernet0/0

The screenshot shows the Cisco Packet Tracer interface with a network topology. The topology includes two routers, 'lokal' and 'internet', connected via their Serial2/0 interfaces. The 'lokal' router is connected to a switch, which is connected to two PCs (PC0 and PC1). The 'internet' router is connected to a switch, which is connected to a server (Server2). The configuration window for the 'internet' router is open, showing the configuration for the FastEthernet0/0 interface. The configuration includes setting the port status to 'On', bandwidth to '100 Mbps', duplex to 'Full Duplex', MAC address to '0001.848C.2223', IP address to '10.0.0.1', and subnet mask to '255.255.255.0'. The equivalent IOS commands are listed at the bottom of the window.

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

## Serial2/0

The screenshot shows the Cisco Packet Tracer interface with the 'internet' router selected. The 'Config' tab is active, and the 'Serial2/0' interface is highlighted in the 'INTERFACE' list. The configuration details for Serial2/0 are as follows:

- Port Status:** On
- Duplex:** Full Duplex
- Clock Rate:** 2000000
- IP Configuration:** Static, IP Address: 20.0.0.2, Subnet Mask: 255.255.255.0
- Tx Ring Limit:** 10

The 'Equivalent IOS Commands' section shows the following configuration commands:

```
internet(config)#interface Serial2/0
internet(config-if)#
internet(config-if)#exit
internet(config)#interface FastEthernet0/0
internet(config-if)#
internet(config-if)#exit
internet(config)#interface Serial12/0
internet(config-if)#
```

The network diagram on the left shows a topology with a 'Router-PT' (labeled 'internet') connected to a 'Switch-PT' (labeled 'Switch2'), which is then connected to two 'PC-PT' devices (labeled 'PC0' and 'PC1').

## PC 0

## Ethernet0

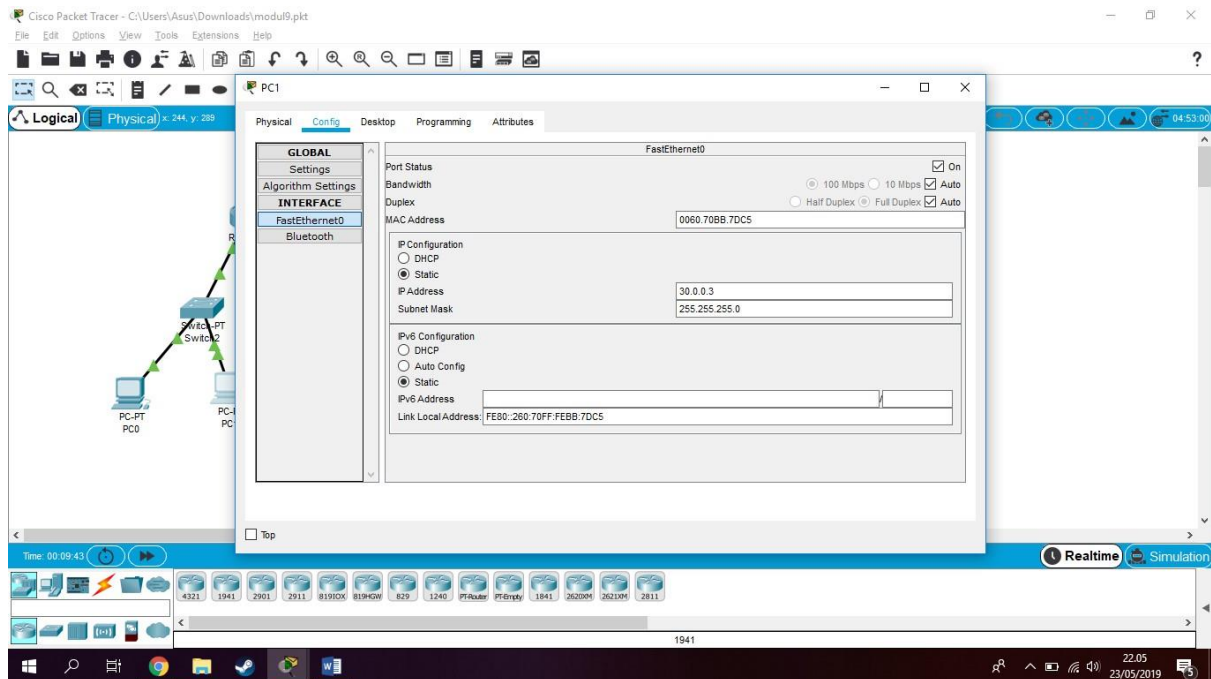
The screenshot shows the Cisco Packet Tracer interface with PC0 selected. The 'Config' tab is active, and the 'FastEthernet0' interface is highlighted in the 'INTERFACE' list. The configuration details for FastEthernet0 are as follows:

- Port Status:** On
- Bandwidth:** 100 Mbps
- Duplex:** Full Duplex
- MAC Address:** 0040.0BC8.AE78
- IP Configuration:** Static, IP Address: 30.0.0.2, Subnet Mask: 255.255.255.0
- IPv6 Configuration:** Static, IPv6 Address: (empty), Link Local Address: FE80::240:BFF:FE08:AE78

The network diagram on the left shows a topology with two 'Router-PT' devices (labeled 'internet' and 'lakai') connected to each other. The 'lakai' router is connected to a 'Switch-PT' (labeled 'Switch2'), which is then connected to two 'PC-PT' devices (labeled 'PC0' and 'PC1'). The 'internet' router is also connected to a 'Switch-PT' (labeled 'Switch3').

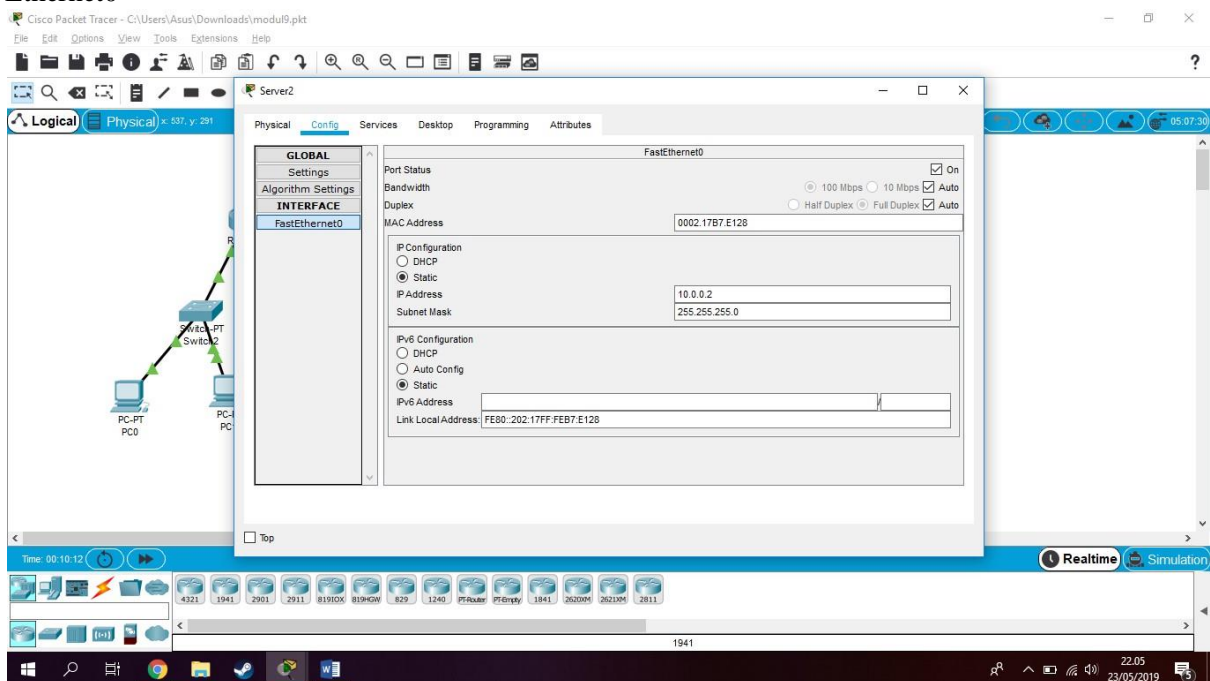
Pc 1

Ethernet0



Server

Ethernet0



## Melakukan ping pc 0 ke pc 1

Cisco Packet Tracer - C:\Users\Asus\Downloads\modul9.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 500, y: 71

Time: 00:13:42

PC0

Physical Config Desktop Programming Attributes

```
Command Prompt

Pinging 10.0.0.2 with 32 bytes of data:
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.

Ping statistics for 10.0.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 50.0.0.1

Pinging 50.0.0.1 with 32 bytes of data:
Reply from 50.0.0.1: bytes=32 time=5ms TTL=126
Reply from 50.0.0.1: bytes=32 time=10ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126

Ping statistics for 50.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 10ms, Average = 4ms

C:\>
```

4321 1941 2901 2911 8191OX 8191OX 829 1240 P7Ruar P7Ruar 1841 2620M 2621M 2811

829

22:09 23/05/2019