

LAPORAN PRAKTIKUM JARINGAN KOMPUTER

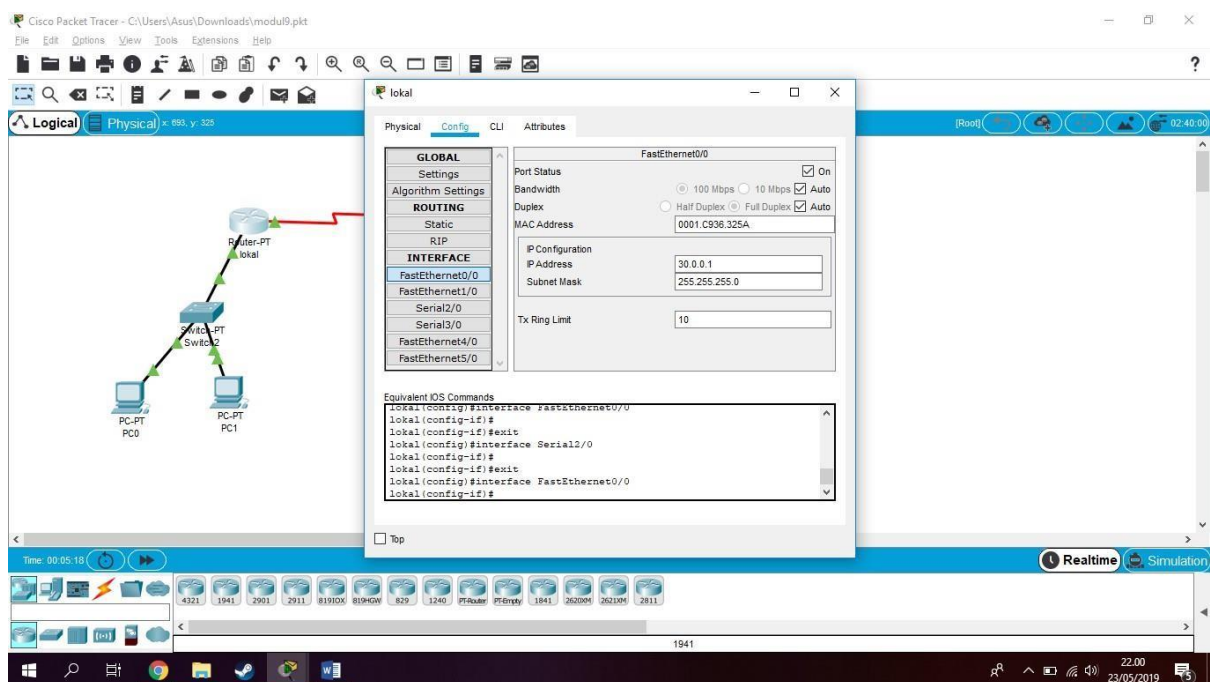
MODUL 9 : Pengenalan Static Network Address Transalation Pada Router Cisco

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KELAS A

Router Lokal

Ethernet0/0



Serial2/0

The screenshot shows the Cisco Packet Tracer interface with a network diagram and a configuration window for the 'lokal' router. The network diagram includes two routers connected via a serial link, with various switches and PCs attached. The configuration window for 'lokal' is open, showing the 'Config' tab. The 'Serial2/0' interface is selected, and the configuration is as follows:

Section	Parameter	Value
GLOBAL	Settings	Port Status: <input checked="" type="checkbox"/> On
	Duplex	<input checked="" type="radio"/> Full Duplex
ROUTING	Static	
	RIP	
INTERFACE	FastEthernet0/0	
	FastEthernet1/0	
	Serial2/0	
	FastEthernet4/0	
	FastEthernet5/0	

IP Configuration for Serial2/0:

Parameter	Value
IP Address	20.0.0.1
Subnet Mask	255.255.255.0

Tx Ring Limit: 10

Equivalent IOS Commands:

```
lokal(config)#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 diagram and a configuration window for the 'internet' router. The network diagram includes two routers connected via a serial link, with various switches and PCs attached. The configuration window for 'internet' is open, showing the 'Config' tab. The 'FastEthernet0/0' interface is selected, and the configuration is as follows:

Section	Parameter	Value
GLOBAL	Settings	Port Status: <input checked="" type="checkbox"/> On
	Bandwidth	<input checked="" type="radio"/> 100 Mbps
ROUTING	Static	
	RIP	
INTERFACE	FastEthernet0/0	
	FastEthernet1/0	
	Serial2/0	
	FastEthernet4/0	
	FastEthernet5/0	

IP Configuration for FastEthernet0/0:

Parameter	Value
IP Address	10.0.0.1
Subnet Mask	255.255.255.0

Tx Ring Limit: 10

Equivalent IOS Commands:

```
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 for 'Serial2/0' is shown in the right-hand pane:

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

The 'Equivalent IOS Commands' pane shows the following configuration:

```
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 Serial2/0
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

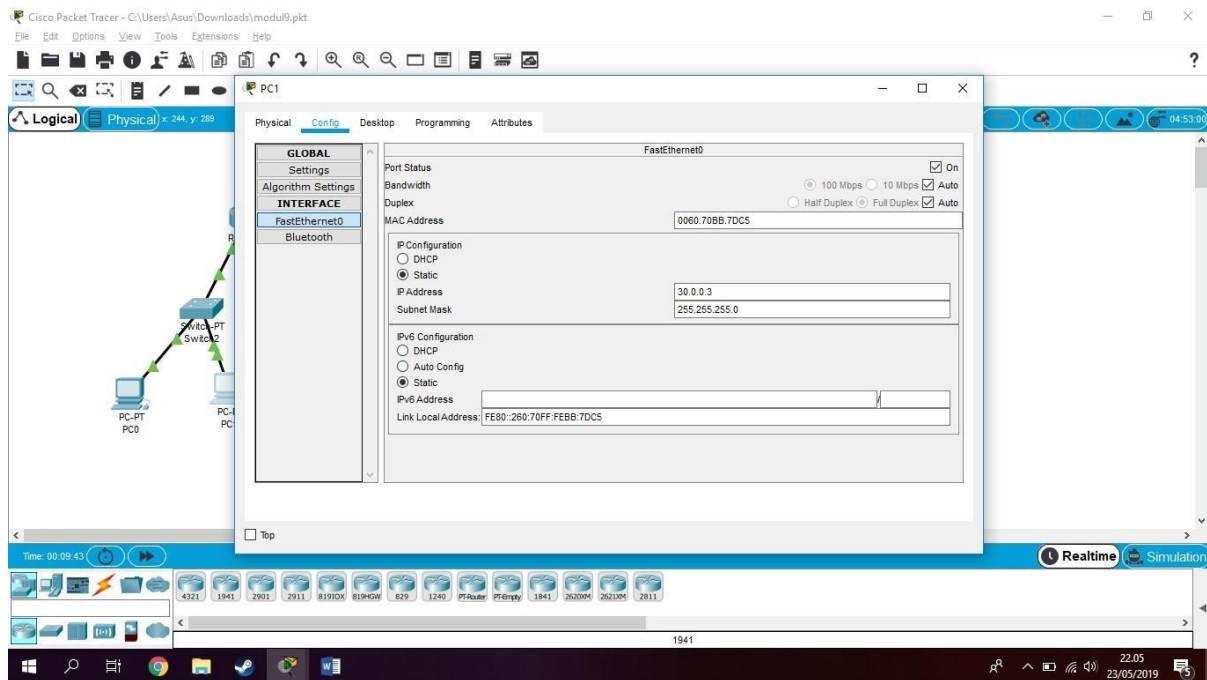
The screenshot shows the Cisco Packet Tracer interface with 'PC0' selected. The 'Config' tab is active, and the 'FastEthernet0' interface is highlighted in the 'INTERFACE' list. The configuration for 'FastEthernet0' is shown in the right-hand pane:

- Port Status: ☒ On
- Bandwidth: ☒ 100 Mbps ☐ 10 Mbps ☒ Auto
- Duplex: ☐ Half Duplex ☒ Full Duplex ☒ Auto
- MAC Address: 0040.0BC6.AE78
- IP Configuration:
 - ☐ DHCP
 - ☒ Static
 - IP Address: 30.0.0.2
 - Subnet Mask: 255.255.255.0
- IPv6 Configuration:
 - ☐ DHCP
 - ☐ Auto Config
 - ☒ Static
 - IPv6 Address: [empty field]
 - Link Local Address: FE80::240:BFF:FE06: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').

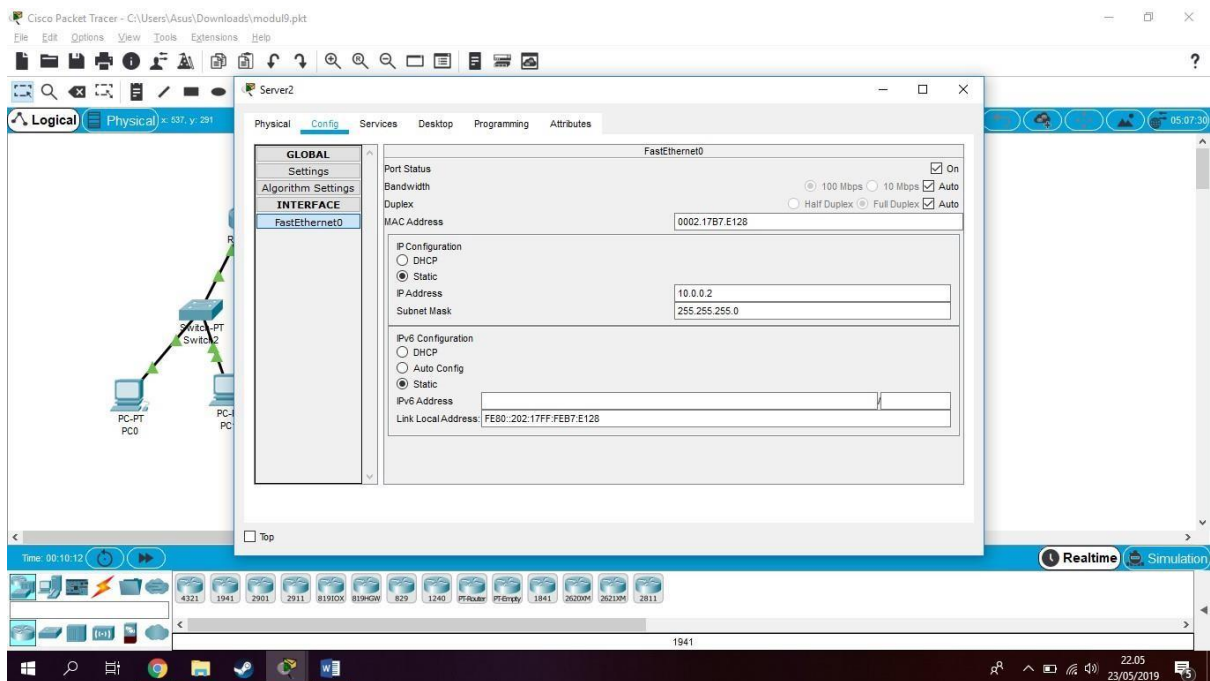
Pc 1

Ethernet0



Server

Ethernet0



Melakukan ping pc 0 ke pc 1

The image shows a Cisco Packet Tracer network setup and the command prompt of PC0. The network diagram on the left shows two routers, 'R1' (labeled 'R1-PT lokal') and 'R2' (labeled 'R2-PT internet'), connected by a red line. R1 is connected to 'Switch2' (labeled 'Switch2-PT'), which is connected to 'PC0' and 'PC1' (both labeled 'PC-PT'). R2 is connected to 'Switch3' (labeled 'Switch3-PT'). The PC0 window on the right shows the following command prompt output:

```
Command Prompt

C:\>ping 10.0.0.2

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:\>
```