

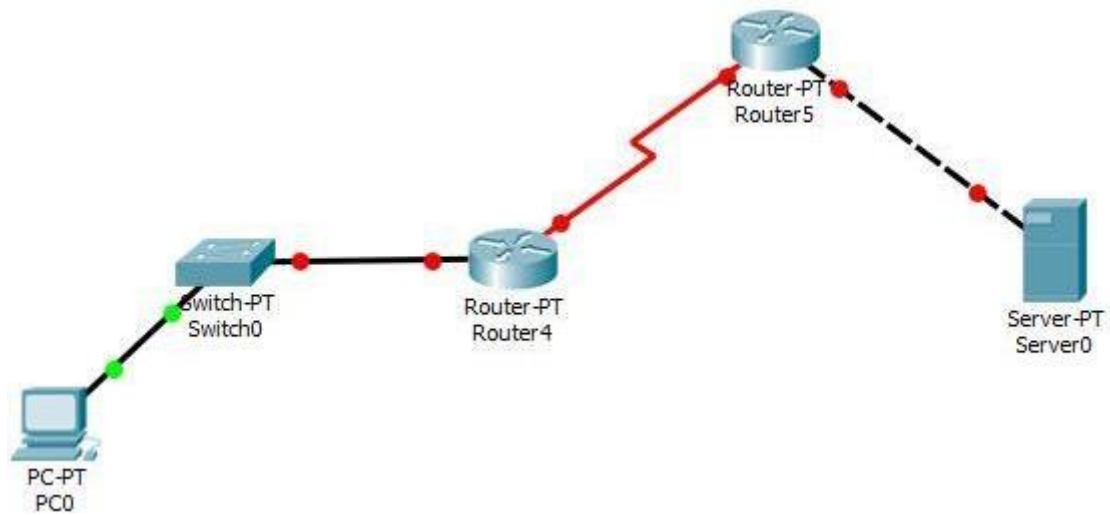
Praktikum Jaringan Komputer Modul 9

A. Kegiatan Praktikum

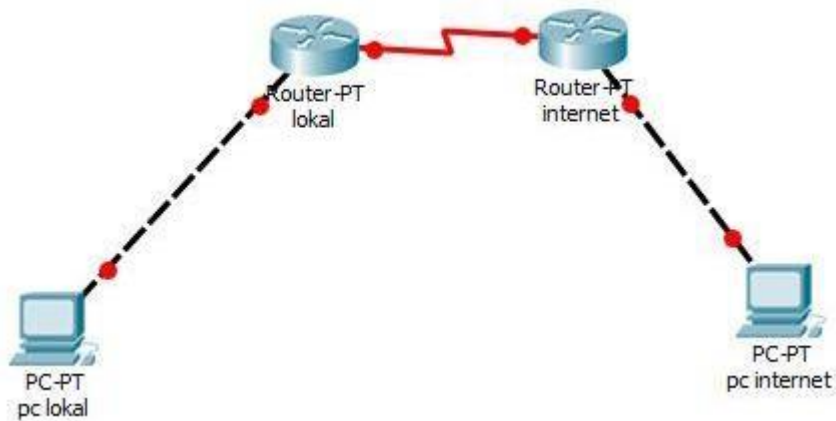
B. Tugas Modul 9

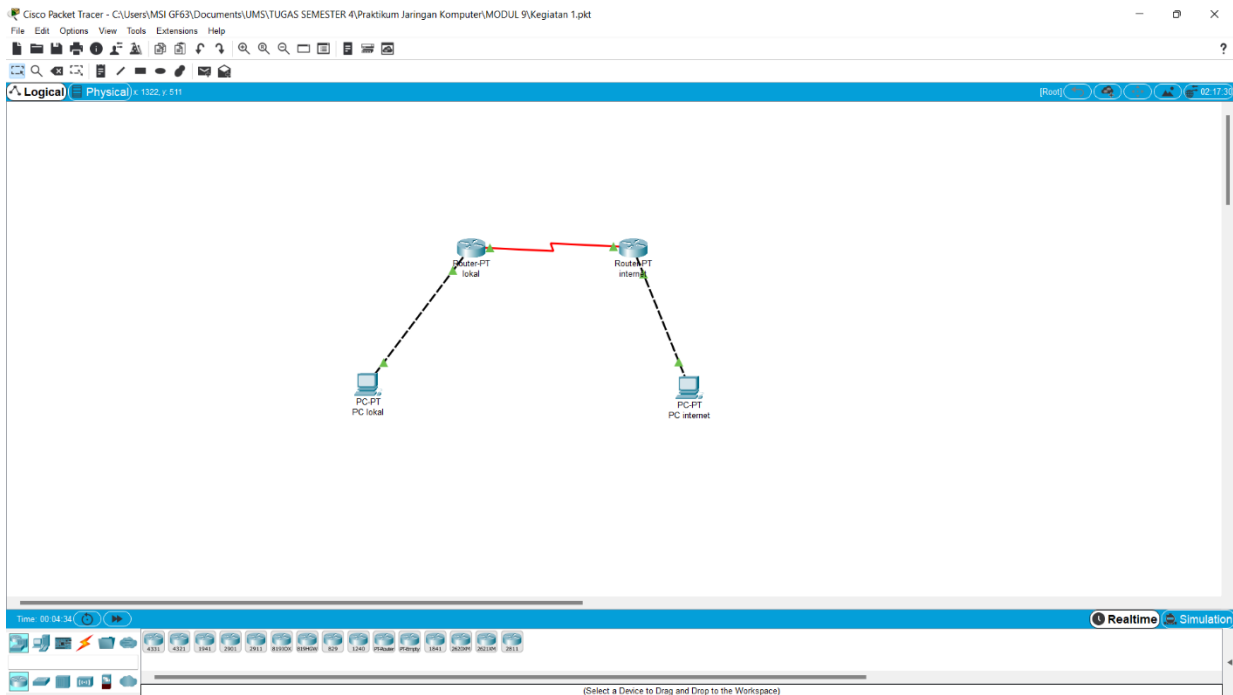
1. Kesimpulan, dapat diketahui bahwa NAT dapat memetakan alamat privat dan public. Mudah diakses
2. Langkah Praktikum 1-7

a)



b)





c)

Device	Interface	IP	Keterangan
Router – internet	Serial 0	20.0.0.2	Koneksi ke router-lokal
	Ethernet 0	10.0.0.1	Koneksi ke web server
Router – lokal	Serial 0	20.0.0.1	Koneksi ke router-internet
	Ethernet 0	30.0.0.1	Koneksi ke PC-lokal
Web server	Ethernet 0	10.0.0.2	Koneksi ke router-internet
PC-lokal	Ethernet 0	30.0.0.2	Koneksi ke router-lokal

d)

```

Router>ena
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#host
Router(config)#hostname Internet
Internet(config)#inter
  
```

internet

Physical Config CLI Attributes

IOS Command Line Interface

```
Internet(config)#interface FastEthernet 0/0
Internet(config-if)#ip add
Internet(config-if)#ip address 10.0.0.1 255.0.0.0
Internet(config-if)#no sh

Internet(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0,
changed state to up
exit
Internet(config)#interface Serial 0/0
%Invalid interface type and number
Internet(config)#interface Serial 2/0
Internet(config-if)#ip address 120.0.0.2 255.0.0.0
Internet(config-if)#no sh

%LINK-5-CHANGED: Interface Serial2/0, changed state to down
Internet(config-if)#exit
Internet(config)#ip route 30.0.0.0 255.0.0.0 20.0.0.1
Internet(config)#ip nat inside source static 10.0.0.2 50.0.0.1
Internet(config)#interface FastEthernet 0/0
Internet(config-if)#ip nat inside
Internet(config-if)#exit
Internet(config)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

```
Internet(config-if)#ip nat inside
Internet(config-if)#exit
Internet(config)#interface Serial 2/0
Internet(config-if)#ip nat outside
Internet(config-if)#exit
Internet(config)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

lkal

Physi

Config

CLI

Attributes

105 Command Line Interface

Router>en
Router>enable
2outer#ccnf ter:m
enter consiguration ccemands, one per line. End with CNTL/Z.
RouterlconSig)#hcstname Lokal
LokaliconSig)#in
Lokal'conJig)#interface FastZthernnet 0/0
Lo2aliconfig-iJ)#ip ad
Local1ccnfig-if)8ip address 30.0.0.1 255.0.0.0
Lokal1conJig-i^)#no sh

Lo2aliconfig-if)#
+I•INE- S -CHANDd D- l r1t e z*a ce Fa s tz tbe zzze t0./ 0, shanqed sca t e c a up

+I•INZ PHOTO— S —ITPEON?T z l1zze pCcc oc c 1 czz lxzt e z €a ce la s1zS cbe zxze c 0/0,
cLaoge<l state tc oQ

Lokal(config-if)#exit
Lo2al{conJig)#int
Lo2aliconfig)#interface Serial 2/0
Lo2allccnfig-if)8ip address 0.0.0.1 OSS.0.0.0
Lokalicon[ig-if)#cloc2 rate 64000

Lokal!ccnfig-iñ)\$bandwidth fQ
Lokal'conSig-if)#no sh

Lokal'config-if)#
BEING— S —CTtM•TGB D z lzzc e z la ce S e zi a1 2/0, c•bazzqe<t s c ac e l a up

%LINEPDOIO-9-UPDOWN: Line prctoccl on Interface Serials/0,
changed state to up
exit
Lokal!conSig)#ip route 50.0.0.0 <5S.0.0.0 <0.0.0.<
LokaliconJig)#exit
Lokal#
%SYS-o-CDNFIG I: Configured from console by console

Ctrl-I-F-6 to exit CLI focus

Copy

Paste

f.

```
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=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=6ms TTL=126
Reply from 50.0.0.1: bytes=32 time=3ms 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 = 6ms, Average = 3ms

C:\>
```

g.

