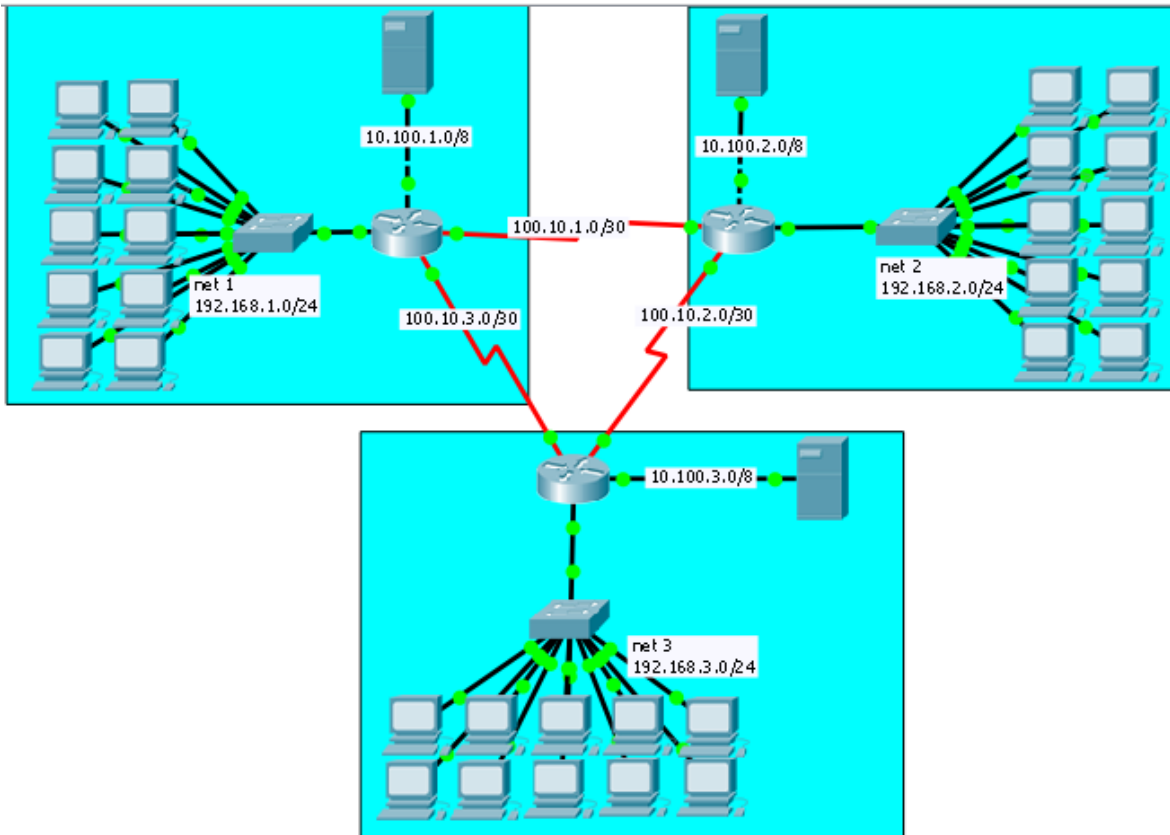
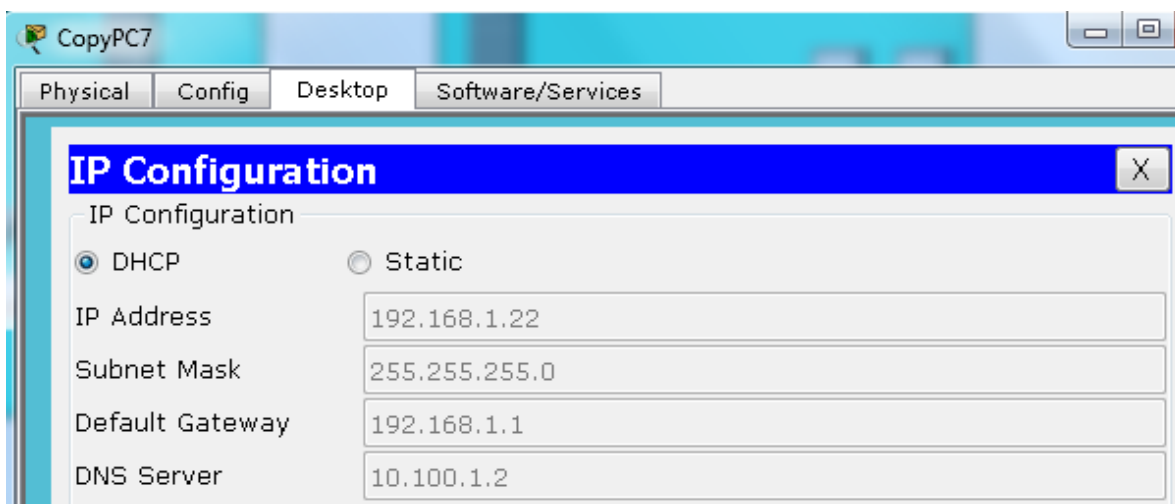


CHRISTIAN PRABOWO
09011281419048
SK7PIL

Mengaktifkan SNMP sebuah network pada Packet Tracer



Gambar network

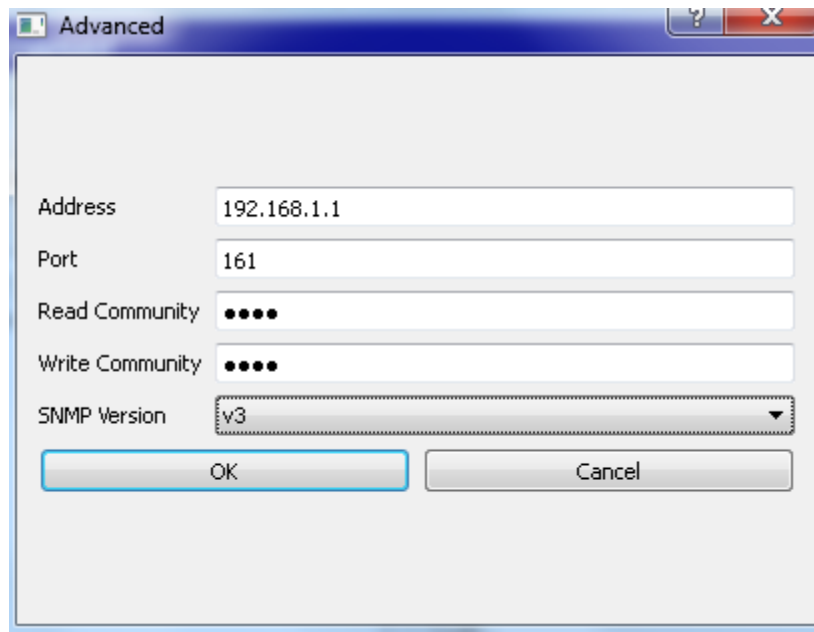


Gambar settingan dhcp yang berhasil

CHRISTIAN PRABOWO
09011281419048
SK7PIL

Setting snmp pada router 1

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#sn
Router(config)#snmp-server c
Router(config)#snmp-server community Rlro ro
Router(config)#snmp-server community Rlrw rw
```



Setting MIB browser di pc, ip di atas merupakan target router yang sudah di-setting SNMP.
Read community diisikan Rlro, Write community diisikan Rlrw

CHRISTIAN PRABOWO
09011281419048
SK7PIL

The screenshot shows the MIB Browser application window. At the top, there are tabs for Physical, Config, Desktop, and Software/Services. The main window has a blue header with the title "MIB Browser". Below the header, there are input fields for "Address" (192.168.1.1) and "OID" (.1.3.6.1.2.1.1.5.0). There is an "Advanced..." button, an "Operations" dropdown menu set to "Get", and a "GO" button. On the left side, there is a tree view titled "SNMP MIBs" showing a hierarchy: MIB Tree > router_std MIBs > .iso > .org > .dod > .internet > .mgmt > .mib-2 > .system > .sysName. The .sysName node is selected. On the right side, there is a "Result Table" with the following data:

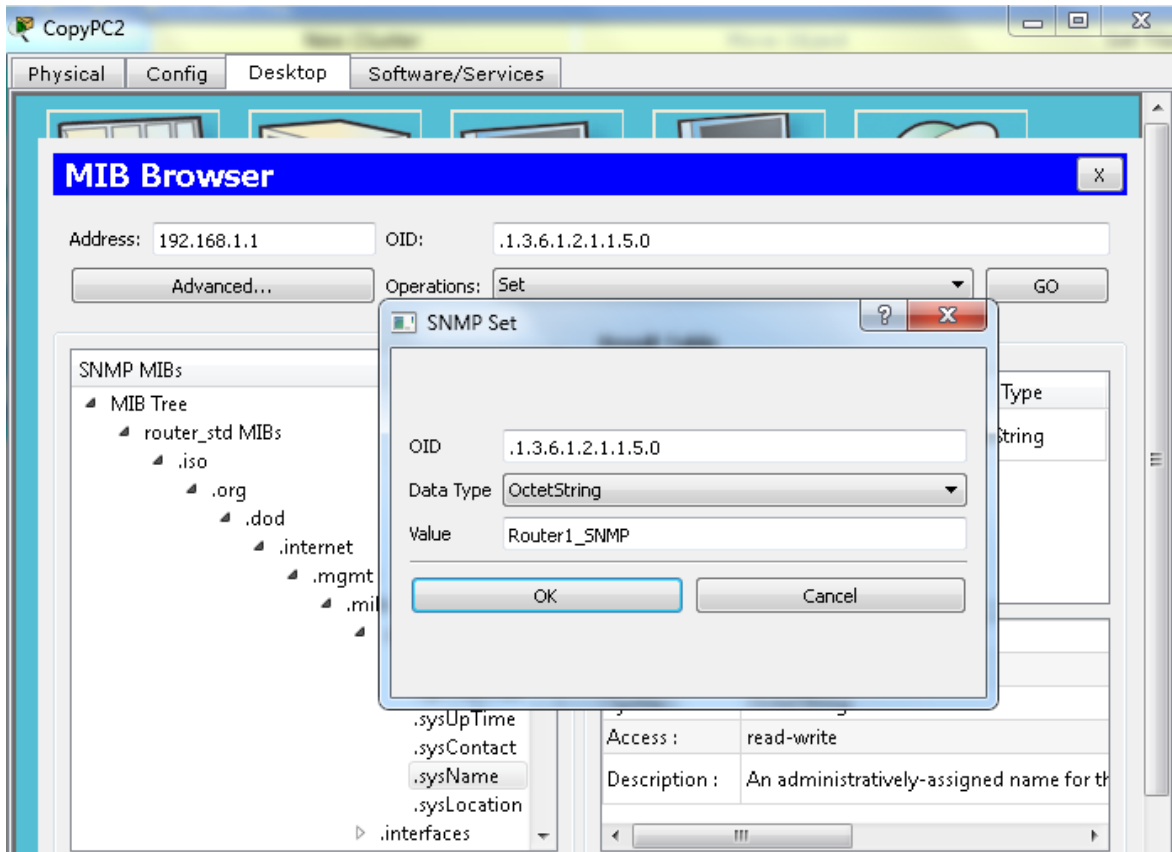
Name/OID	Value	Type
.1.3.6.1.2.1.1.5.0...	Router	OctetString

Below the table, there is a detailed view of the selected .sysName object:

Name :	.sysName
OID :	.1.3.6.1.2.1.1.5.0
Syntax :	OctetString
Access :	read-write
Description :	An administratively-assigned name for th

PC berhasil mendapatkan informasi router yang terdapat SNMP

CHRISTIAN PRABOWO
09011281419048
SK7PIL



Lalu ubah nama router menggunakan SNMP Set

CHRISTIAN PRABOWO
09011281419048
SK7PIL

The screenshot shows the MIB Browser application window. At the top, there are tabs for Physical, Config, Desktop, and Software/Services. The main window title is "MIB Browser". Below the title bar, there are input fields for "Address: 192.168.1.1" and "OID: .1.3.6.1.2.1.1.5.0". There is an "Advanced..." button, an "Operations:" dropdown menu set to "Set", and a "GO" button. On the left, a tree view shows the "SNMP MIBs" hierarchy, including "MIB Tree", "router_std MIBs", ".iso", ".org", ".dod", ".internet", ".mgmt", ".mib-2", ".system", ".sys...", and ".interfa...". On the right, a "Result Table" is displayed with the following data:

Name/OID	Value	Type
.1.3.6.1.2.1.1.5.0...	Router1_SNMP	OctetString

Name :	.sysName
OID :	.1.3.6.1.2.1.1.5.0
Syntax :	OctetString
Access :	read-write
Description :	An administratively-assigned name f

Nama router berhasil diubah

CHRISTIAN PRABOWO
09011281419048
SK7PIL

Konfigurasi pada router 1

```
Router1_SNMP>en
Router1_SNMP#sh run
Building configuration...

Current configuration : 1326 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router1_SNMP
!
!
!
!
ip dhcp excluded-address 192.168.1.2 192.168.1.20
!
ip dhcp pool 192.168.1.0/24
 network 192.168.1.0 255.255.255.0
 default-router 192.168.1.1
 dns-server 10.100.1.2

interface FastEthernet0/0
 ip address 192.168.1.1 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet1/0
 ip address 10.100.1.1 255.0.0.0
 duplex auto
 speed auto
!
interface Serial2/0
 ip address 100.10.1.1 255.255.255.252
!
interface Serial3/0
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
 shutdown
!
interface Serial6/0
 ip address 100.10.3.1 255.255.255.252
```