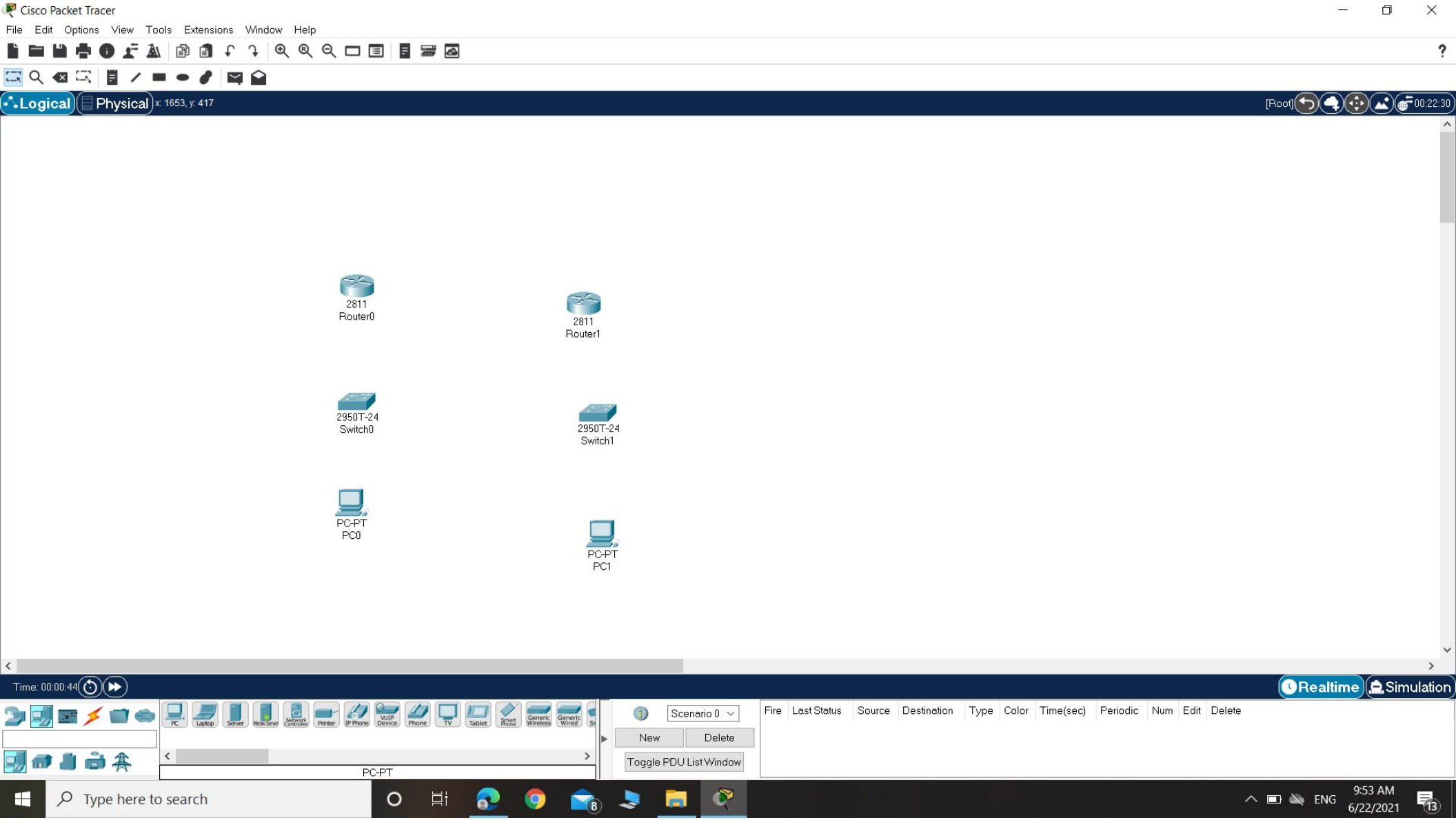
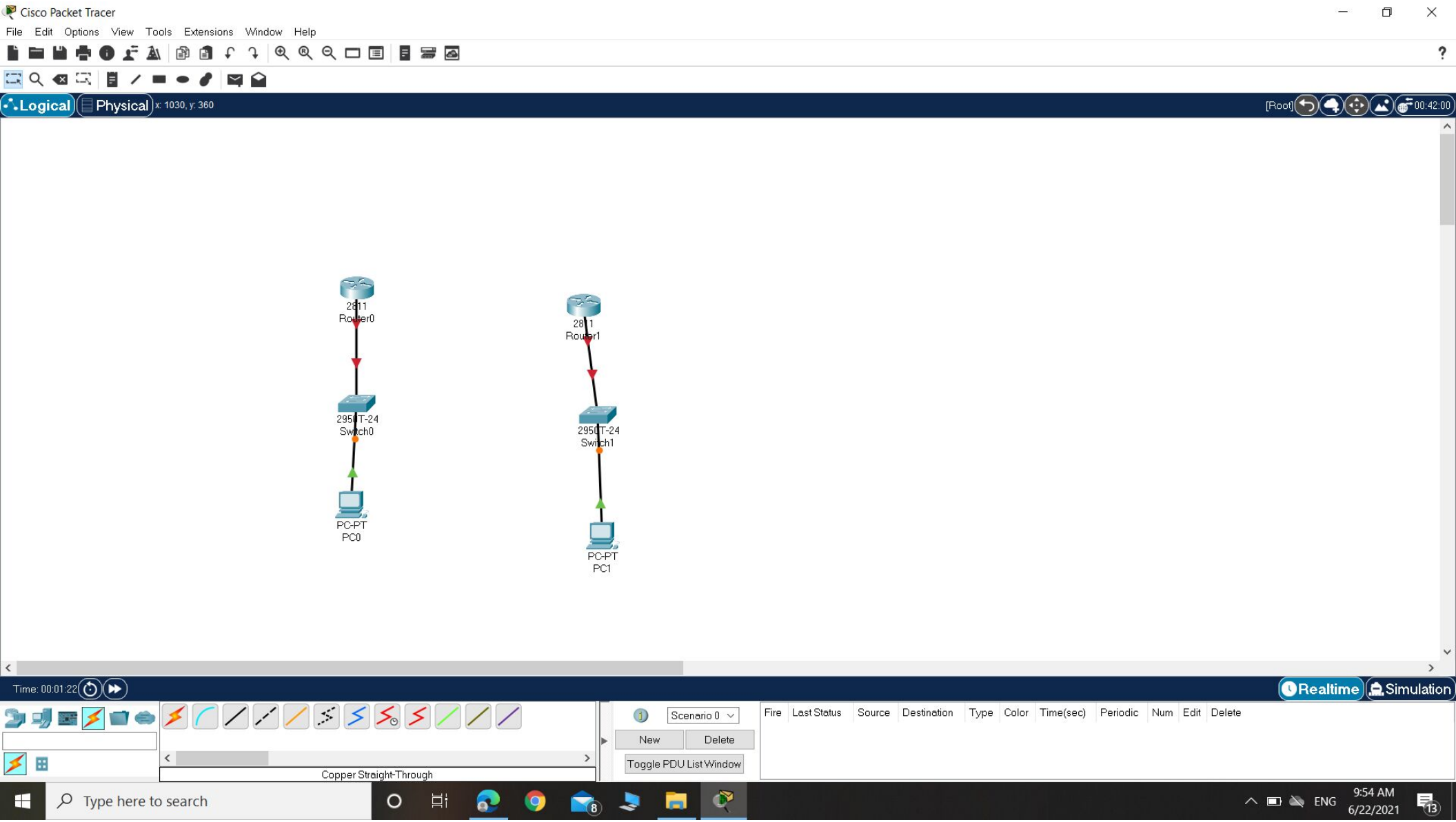

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1653, y: 417
[Root] 00:22:30
2811 Router0
2811 Router1
2950T-24 Switch0
2950T-24 Switch1
PC-PT PC0
PC-PT PC1
Time: 00:00:44
Realtime Simulation
PC-PT
Scenario 0
New Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Type here to search
ENG 9:53 AM 6/22/2021


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1030, y: 360
[Root] 00:42:00
2811
Router0
2950T-24
Switch0
PC-PT
PC0
2811
Router1
2950T-24
Switch1
PC-PT
PC1
Time: 00:01:22
Realtime Simulation
Copper Straight-Through
Scenario 0
New Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Type here to search
ENG
9:54 AM
6/22/2021

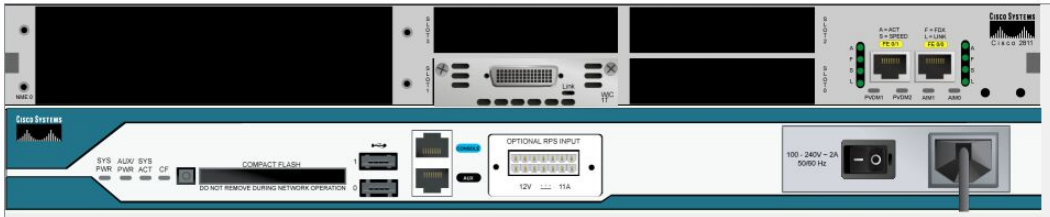
Router0

Physical | Config | CLI | Attributes

MODULES
NM-1E
NM-1E2W
NM-1FE-FX
NM-1FE-TX
NM-1FE2W
NM-2E2W
NM-2FE2W
NM-2W
NM-4A/S
NM-4E
NM-8A/S
NM-8AM
NM-Cover
NM-ESW-161
HWIC-1GE-SFP
HWIC-2T
HWIC-4ESW
HWIC-8A
HWIC-AP-AG-B
WIC-1AM
WIC-1ENET
WIC-1T
WIC-2AM
WIC-2T
WIC-Cover
GLC-LH-SMD

Physical Device View

Zoom In | Original Size | Zoom Out



Customize Icon in Physical View

Customize Icon in Logical View

The WIC-1T provides a single port serial connection to remote sites or legacy serial network devices such as Synchronous Data Link Control (SDLC) concentrators, alarm systems, and packet over SONET (POS) devices.

Top

Type here to search

ENG 10:03 AM 6/22/2021

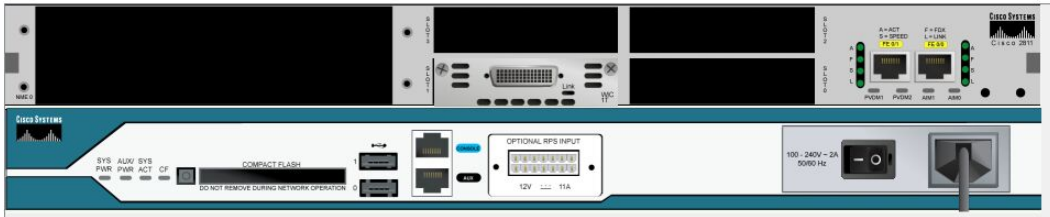
Router1

Physical | Config | CLI | Attributes

MODULES
NM-1E
NM-1E2W
NM-1FE-FX
NM-1FE-TX
NM-1FE2W
NM-2E2W
NM-2FE2W
NM-2W
NM-4A/S
NM-4E
NM-8A/S
NM-8AM
NM-Cover
NM-ESW-161
HWIC-1GE-SFP
HWIC-2T
HWIC-4ESW
HWIC-8A
HWIC-AP-AG-B
WIC-1AM
WIC-1ENET
WIC-1T
WIC-2AM
WIC-2T
WIC-Cover
GLC-LH-SMD

Physical Device View

Zoom In | Original Size | Zoom Out



Customize Icon in Physical View

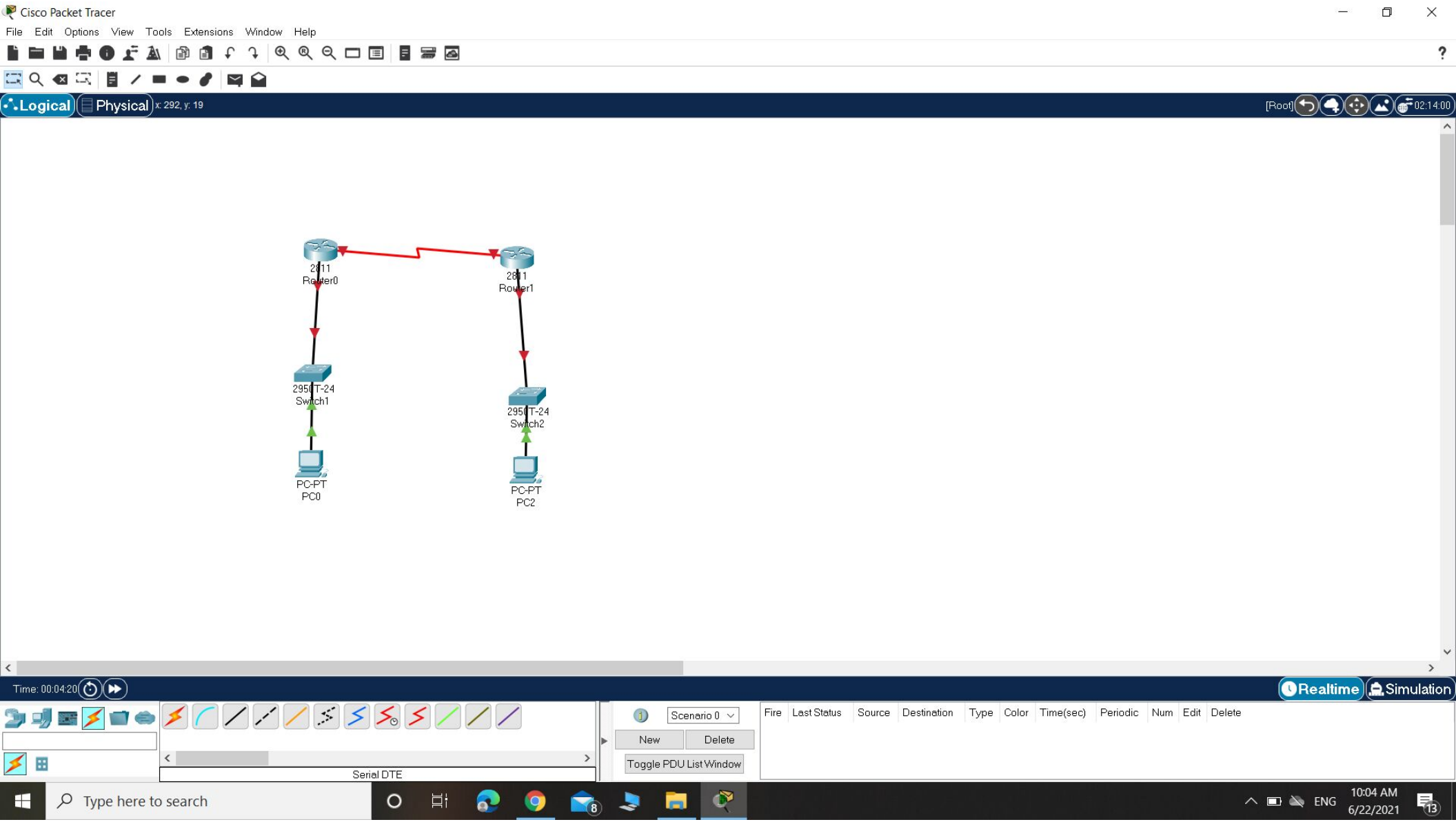
Customize Icon in Logical View

The WIC-1T provides a single port serial connection to remote sites or legacy serial network devices such as Synchronous Data Link Control (SDLC) concentrators, alarm systems, and packet over SONET (POS) devices.

Top

Type here to search

ENG 10:04 AM 6/22/2021


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 292, y: 19
[Root] 02:14:00
2811 Router0
2811 Router1
2950T-24 Switch1
2950T-24 Switch2
PC-PT PC0
PC-PT PC2
Time: 00:04:20
Realtime Simulation
Serial DTE
Scenario 0
New Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Type here to search
ENG 10:04 AM 6/22/2021

Router0

Physical | Config | CLI | Attributes

GLOBAL
- Settings
- Algorithm Settings

ROUTING
- Static
- RIP

SWITCHING
- VLAN Database

INTERFACE
- FastEthernet0/0
- FastEthernet0/1
- Serial0/1/0

FastEthernet0/0

Port Status	On
Bandwidth	100 Mbps / 10 Mbps / Auto
Duplex	Half Duplex / Full Duplex / Auto
MAC Address	0003.E4E5.5D01

IP Configuration

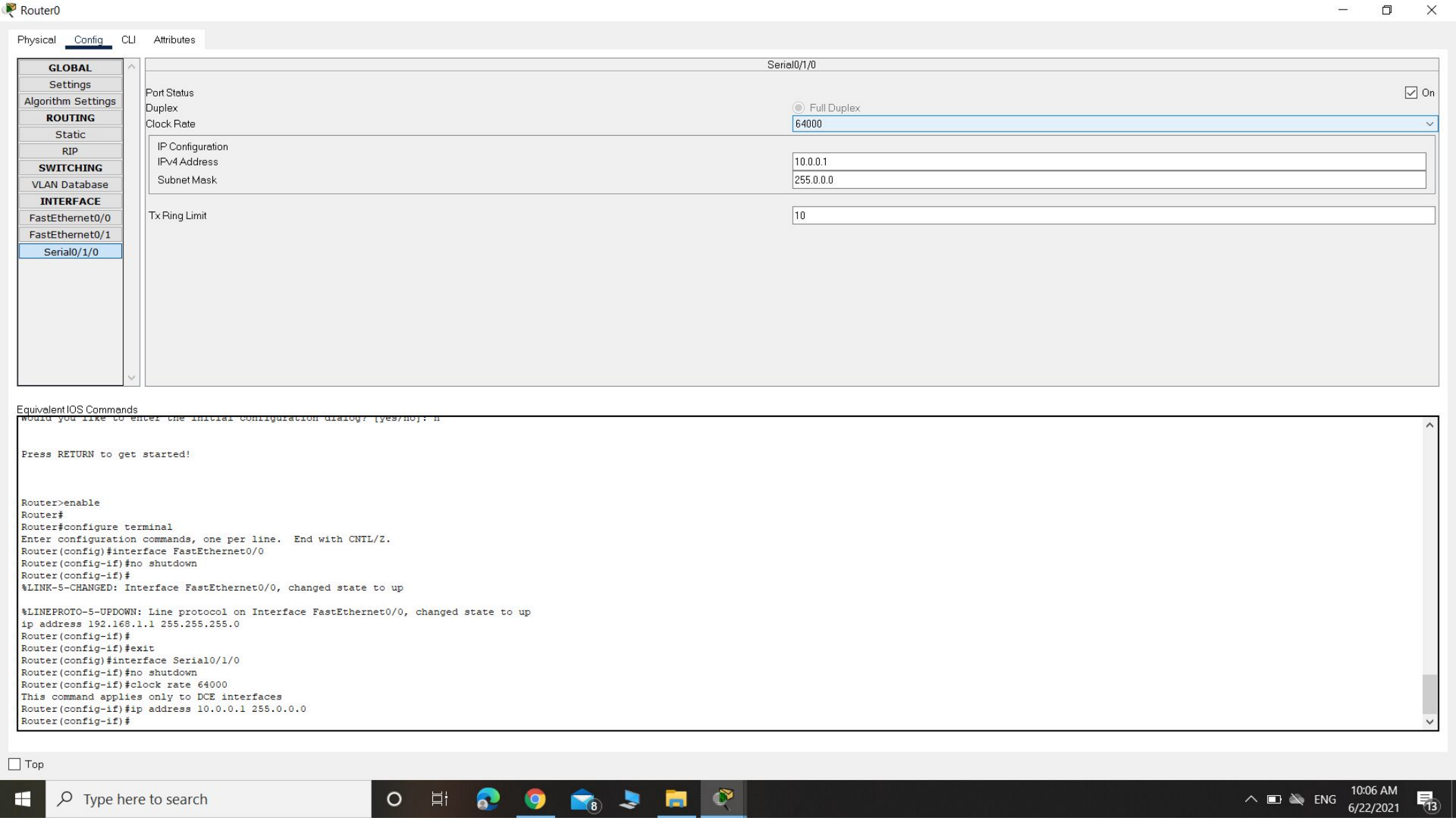
IPv4 Address	192.168.1.1
Subnet Mask	255.255.255.0

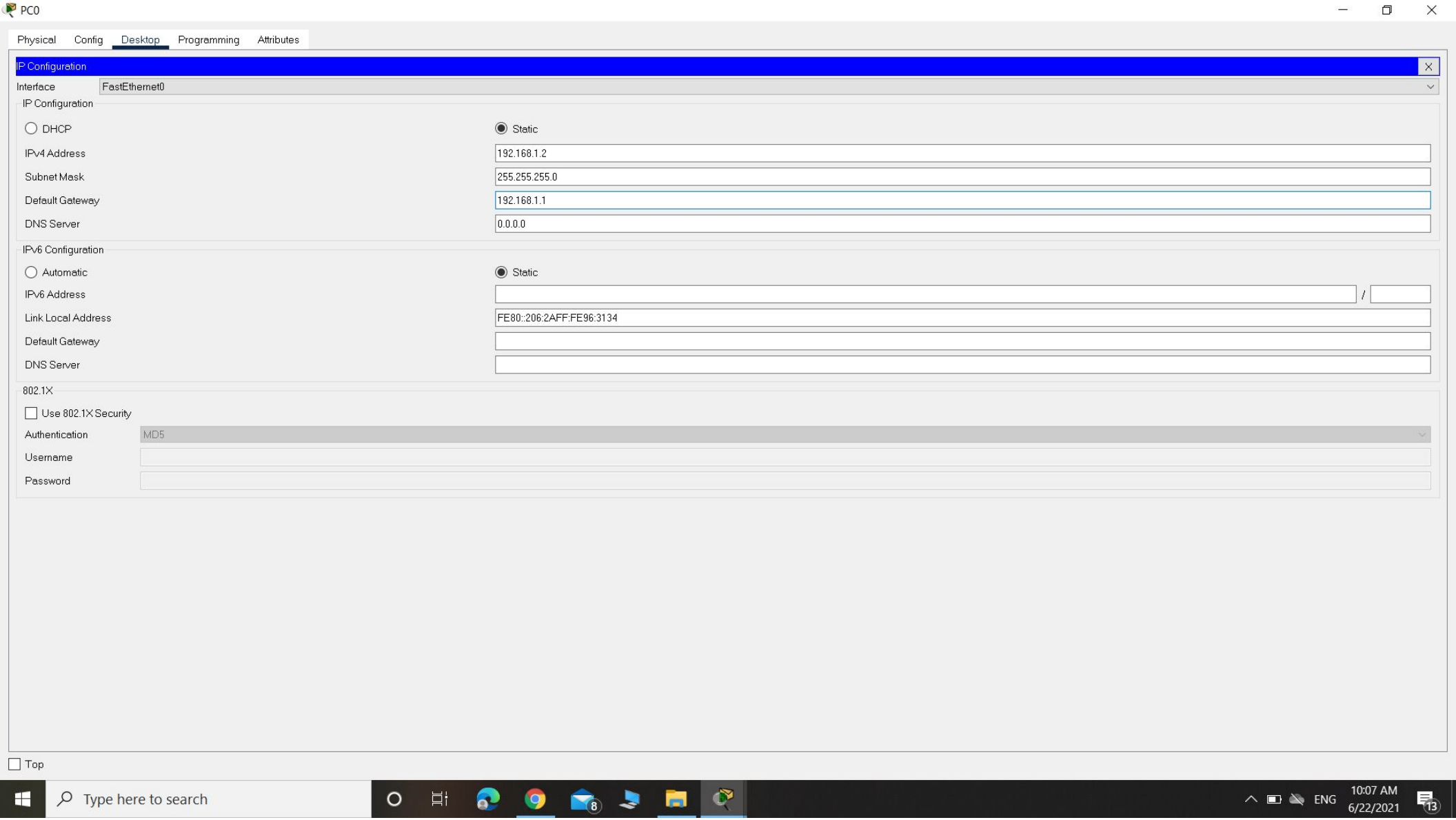
Tx Ring Limit: 10

Equivalent IOS Commands

```
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
249856K bytes of ATA System CompactFlash 0 (Read/Write)


         --- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: n


Press RETURN to get started!



Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#no shutdown
Router(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
ip address 192.168.1.1 255.255.255.0
Router(config-if)#
```

Top


Router0
Physical
Config
CLI
Attributes
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1
Serial0/1/0
Serial0/1/0
Port Status
On
Duplex
Full Duplex
Clock Rate
64000
IP Configuration
IPv4 Address
10.0.0.1
Subnet Mask
255.0.0.0
Tx Ring Limit
10
Equivalent IOS Commands
Would you like to enter the initial configuration dialog? [yes/no]: n
Press RETURN to get started!
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#no shutdown
Router(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
ip address 192.168.1.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial0/1/0
Router(config-if)#no shutdown
Router(config-if)#clock rate 64000
This command applies only to DCE interfaces
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#
Top
Type here to search
ENG
10:06 AM
6/22/2021


PC0
Physical
Config
Desktop
Programming
Attributes
IP Configuration
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
192.168.1.2
Subnet Mask
255.255.255.0
Default Gateway
192.168.1.1
DNS Server
0.0.0.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address
FE80::206:2AFF:FE96:3134
Default Gateway
DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top
Type here to search
ENG
10:07 AM
6/22/2021

Router1

Physical | Config | CLI | Attributes

GLOBAL
- Settings
- Algorithm Settings

ROUTING
- Static
- RIP

SWITCHING
- VLAN Database

INTERFACE
- FastEthernet0/0
- FastEthernet0/1
- Serial0/1/0

FastEthernet0/0

Port Status: [x] On

Bandwidth: ( ) 100 Mbps ( ) 10 Mbps [x] Auto

Duplex: ( ) Half Duplex ( ) Full Duplex [x] Auto

MAC Address: 0090.21B4.3801

IP Configuration

IPv4 Address: 192.168.2.1

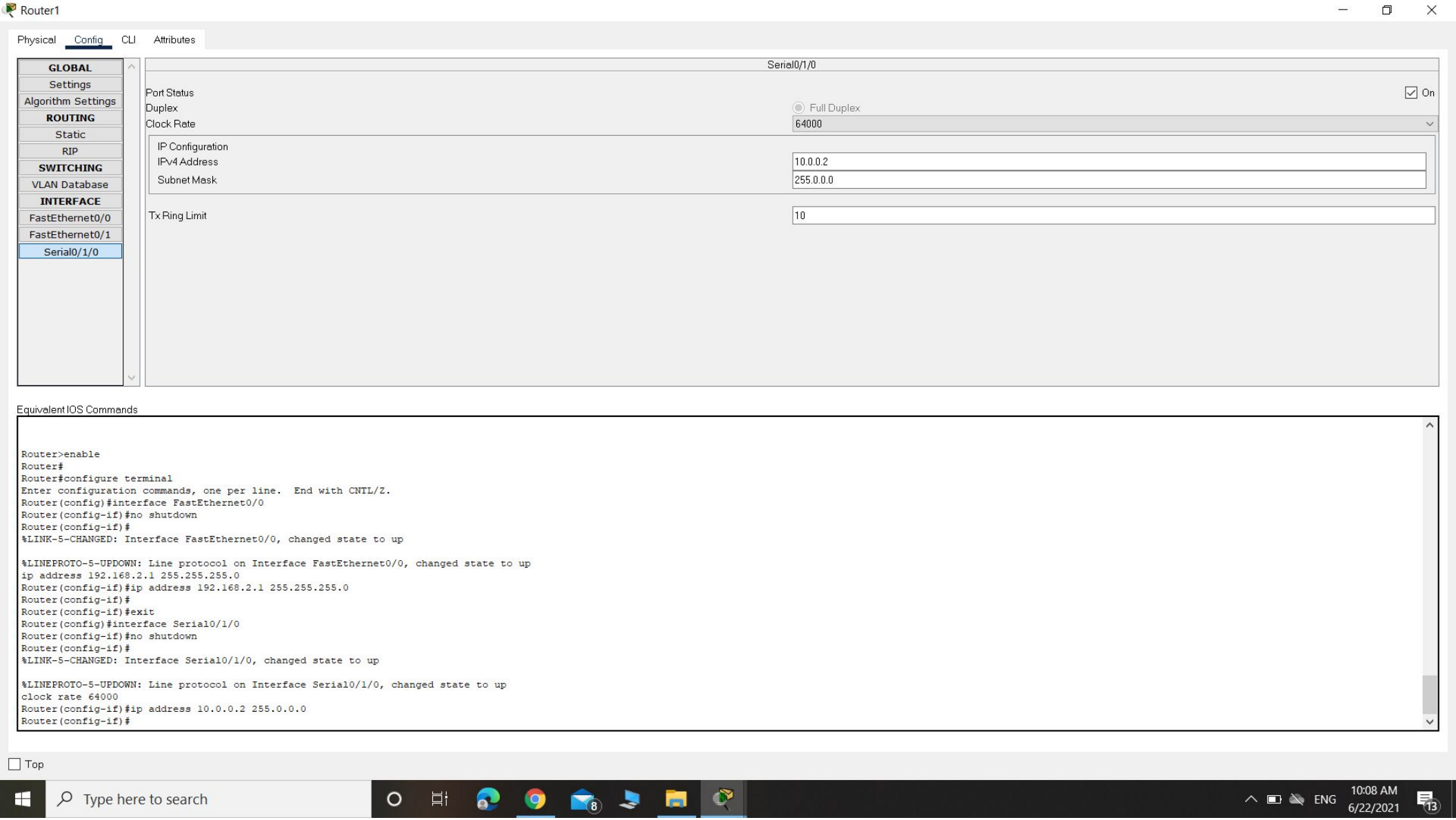
Subnet Mask: 255.255.255.0

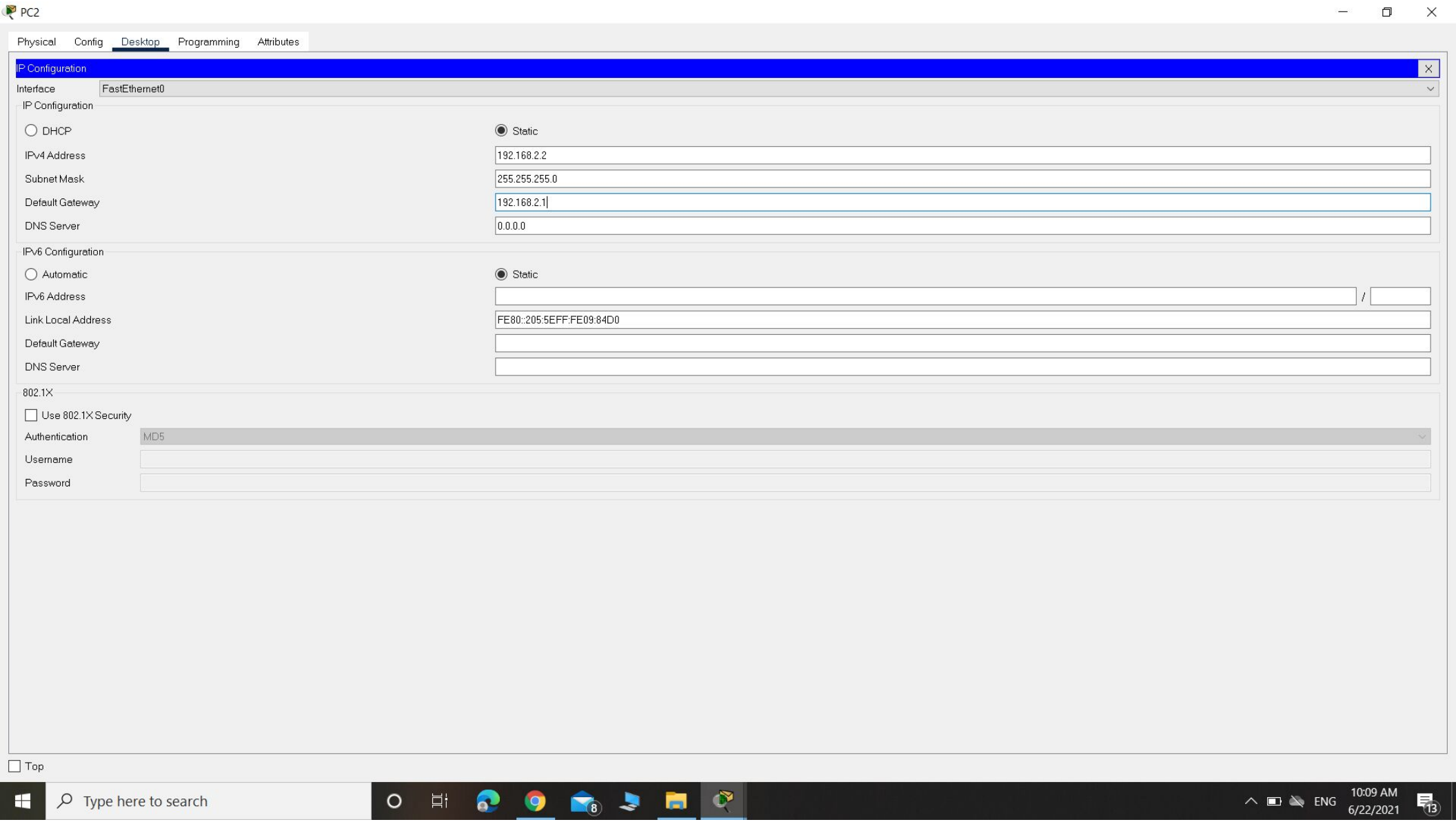
Tx Ring Limit: 10

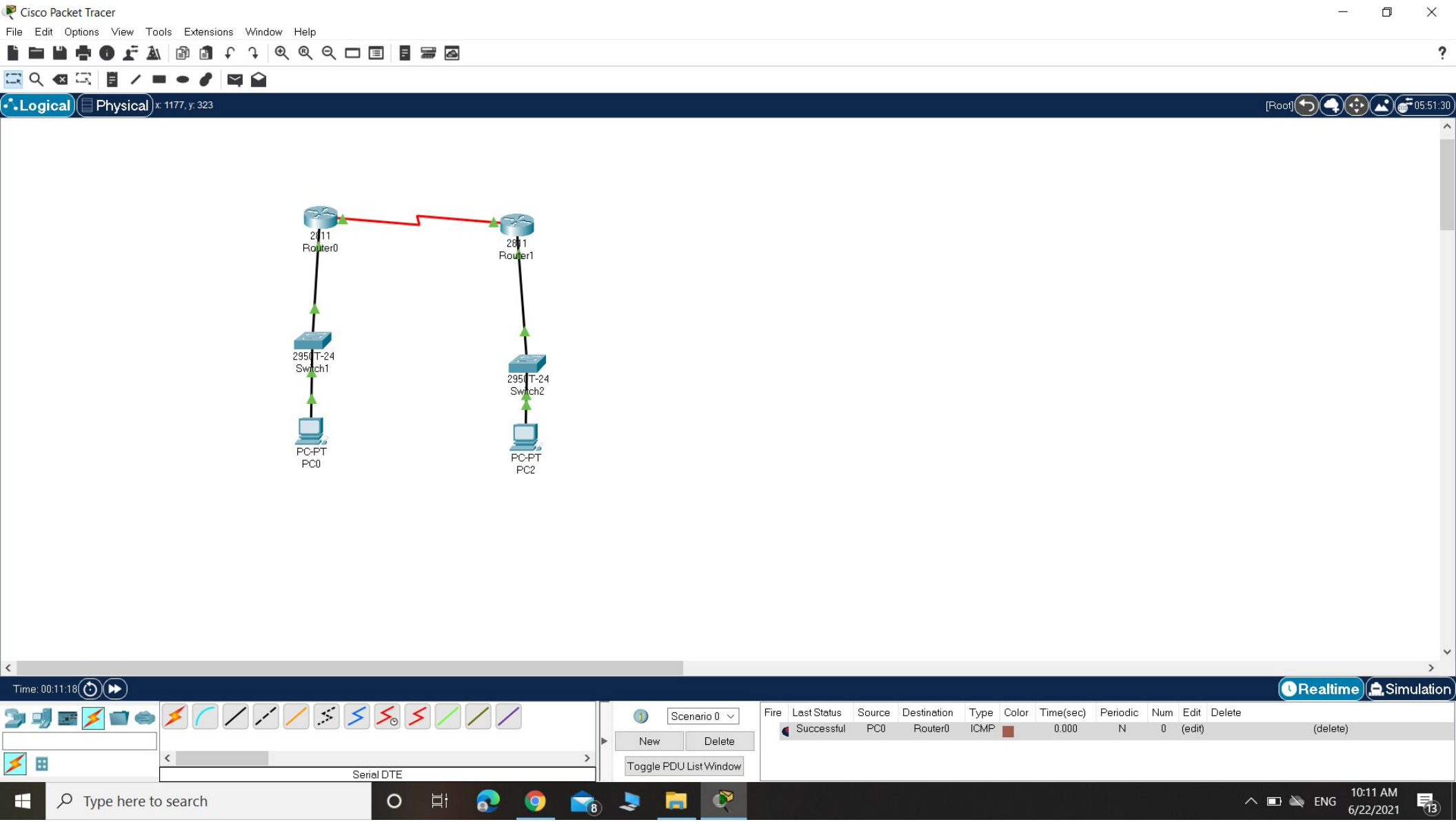
Equivalent IOS Commands

```
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
249856K bytes of ATA System CompactFlash 0 (Read/Write)


         --- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: n


Press RETURN to get started!



Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#no shutdown
Router(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
ip address 192.168.2.1 255.255.255.0
Router(config-if)#
```

Top


Router1
Physical
Config
CLI
Attributes
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1
Serial0/1/0
Serial0/1/0
Port Status
On
Duplex
Full Duplex
Clock Rate
64000
IP Configuration
IPv4 Address
10.0.0.2
Subnet Mask
255.0.0.0
Tx Ring Limit
10
Equivalent IOS Commands
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#no shutdown
Router(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
ip address 192.168.2.1 255.255.255.0
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial0/1/0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface Serial0/1/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/0, changed state to up
clock rate 64000
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#
Top
Type here to search
ENG
10:08 AM
6/22/2021

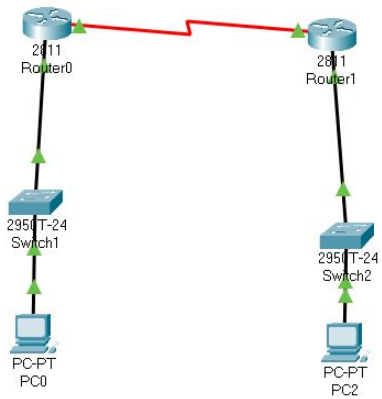

PC2
Physical
Config
Desktop
Programming
Attributes
IP Configuration
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
192.168.2.2
Subnet Mask
255.255.255.0
Default Gateway
192.168.2.1
DNS Server
0.0.0.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address
FE80::205:5EFF:FE09:84D0
Default Gateway
DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top
Type here to search
ENG
10:09 AM
6/22/2021


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical Physical x: 1177, y: 323
[Root] 05:51:30
2811 Router0
2811 Router1
2950T-24 Switch1
2950T-24 Switch2
PC-PT PC0
PC-PT PC2
Time: 00:11:18
Realtime Simulation
Serial DTE
Scenario 0
New Delete
Toggle PDU List Window
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC0 Router0 ICMP 0.000 N 0 (edit) (delete)
Type here to search
ENG 10:11 AM 6/22/2021

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1029, y: 341 [Root] 05:55:00



Time: 00:11:25 Realtime Simulation

Serial DTE

Scenario 0 New Delete Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	Router0	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC2	Router1	ICMP		0.000	N	1	(edit)	(delete)

Type here to search ENG 10:11 AM 6/22/2021

Name - Rishita Dangwal
course & section - MCA "A"
Roll no. - 2001122
Subject Named code - computer organization (PMC-202)

Ques 2- Problem statement:- to connect two organizatio -n in a city.

Objective : To understand how to connect two organization in a city.

Step 1: Open the cisco Packet Tracker & select 2-> set of router, switch, Pc.

Step 2: Connect them all the with a cable.

Step 3: For connecting two routers there are different method.

Click on the router select Physical (WIC-1T) Then off the button & Drag the WIC-1T & drop it.

Step 4: Connect both with cable.

Step 5: Double click on Router select the config (fast Ether -net 0/0). Then do the port status on & fill the IP configuration, do it for both router

Step 6: Then select the serial 0/1/0, on the Port status fill the clock rater & then fill the IP configuration.

Step 7: Click on the pc icon select Desktop > IP configuration & IP address with come by itself for both connection.

Rishita Dangwal