



PC-PT
PC3



PC-PT
PC0



2960-24TT
Switch0



1841
Router0



1841
Router1



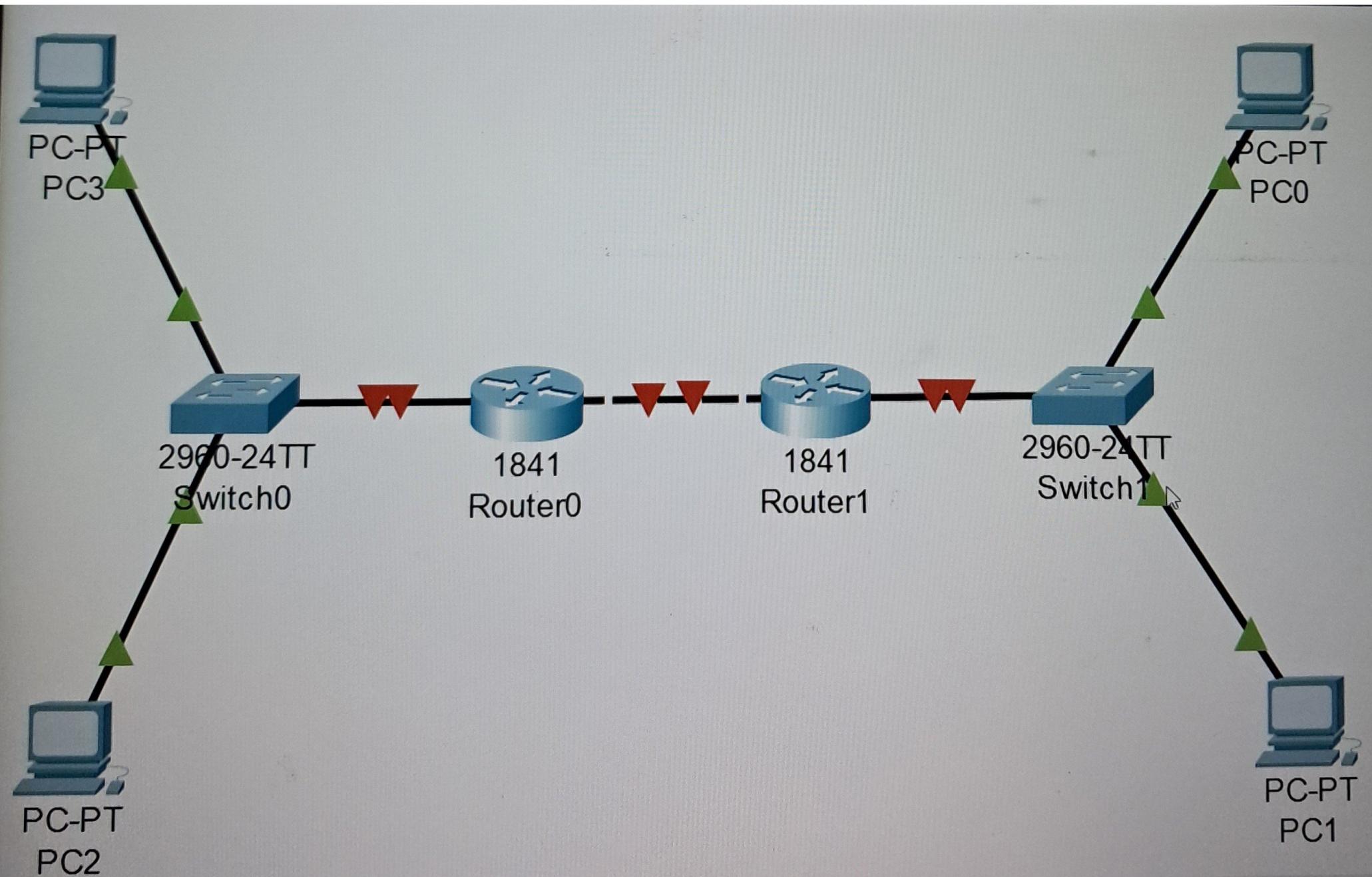
2960-24TT
Switch1



PC-PT
PC2



PC-PT
PC1





Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.3.3

Subnet Mask

255.255.255.0

Default Gateway

192.168.3.1

DNS Server

0.0.0.0

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.3.2

Subnet Mask

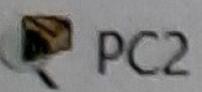
255.255.255.0

Default Gateway

192.168.3.1

DNS Server

0.0.0.0



Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.2

Subnet Mask

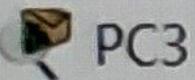
255.255.255.0

Default Gateway

192.168.1.1

DNS Server

0.0.0.0



Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.3

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

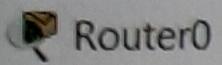
DNS Server

0.0.0.0

Physical Config CLI Attributes



GLOBAL	
Settings	<input checked="" type="checkbox"/> On
Algorithm Settings	<input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
ROUTING	
Static	<input type="radio"/> Half Duplex <input checked="" type="checkbox"/> Full Duplex <input checked="" type="checkbox"/> Auto
RIP	
SWITCHING	
VLAN Database	
INTERFACE	
FastEthernet0/0	
FastEthernet0/1	
FastEthernet0/0	
Port Status	
Bandwidth	
Duplex	
MAC Address	0002.17A0.A401
IP Configuration	
IPv4 Address	192.168.1.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10



- □ X

Physical Config CLI Attributes

**GLOBAL**

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/1

Port Status

 On

Bandwidth

 100 Mbps 10 Mbps Auto

Duplex

 Half Duplex Full Duplex Auto

MAC Address

0002.17A0.A402

IP Configuration

IPv4 Address

192.168.2.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Router1

— □ ×

Physical Config CLI Attributes

GLOBAL	FastEthernet0/0		
Settings	Port Status	<input checked="" type="checkbox"/> On	
Algorithm Settings	Bandwidth	<input type="radio"/>	100 Mbps
ROUTING	Duplex	<input type="radio"/>	10 Mbps
Static	MAC Address	<input checked="" type="checkbox"/> Auto	Auto
RIP		<input type="radio"/>	Half Duplex
SWITCHING		<input type="radio"/>	Full Duplex
VLAN Database	IP Configuration	<input checked="" type="checkbox"/> Auto	Auto
INTERFACE	IPv4 Address	192.168.3.1	
FastEthernet0/0	Subnet Mask	255.255.255.0	
FastEthernet0/1	Tx Ring Limit	10	



Router1



Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/1

Port Status

 On

Bandwidth

 100 Mbps 10 Mbps Auto

Duplex

 Half Duplex Full Duplex Auto

MAC Address

0009.7C6D.4B02

IP Configuration

IPv4 Address

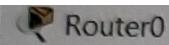
192.168.2.2

Subnet Mask

255.255.255.0

Tx Ring Limit

10



Physical Config **CLI** Attributes

IOS Command Line Interface

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)#
Router(config-if)#exit []
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)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, 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)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Router(config-if)#exit
^
% Invalid input detected at '^' marker.

Router(config-if)#router ospf 1
Router(config-router)#network 192.168.1.0 0.255.255.255 area 1
Router(config-router)#network 192.168.2.0 0.255.255.255 area 1
Router(config-router)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

Copy

Paste



Physical Config **CLI** Attributes



IOS Command Line Interface

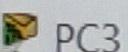
```
Router>return
Translating "return"...domain server (255.255.255.255)
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router>
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
% Unknown command or computer name, or unable to find computer address

Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#router ospf 1
Router(config-router)#network 192.168.2.0 0.255.255.255 area 1
Router(config-router)#netwrok 192.168.3.0 0.255.255.255 area 1
^
% Invalid input detected at '^' marker.

Router(config-router)#exit
Router(config)#
Router#
%SYS-5-CONFIG_I: Configured from console by console
```



PC3



Physical Config Desktop Programming Attributes

Command Prompt

X

Cisco Packet Tracer PC Command Line 1.0

C:\>ping 192.168.3.2

I

Pinging 192.168.3.2 with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 192.168.3.2:

 Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.3.3

Pinging 192.168.3.3 with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 192.168.3.3:

 Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>