NOMBRE DE LA MATERIA
Fundamentos de Redes

NOMBRE DEL DOCENTE
Rafael Preciado Gutiérrez

NOMBRE DEL TRABAJO
Router 4

NOMBRE DEL ALUMNO
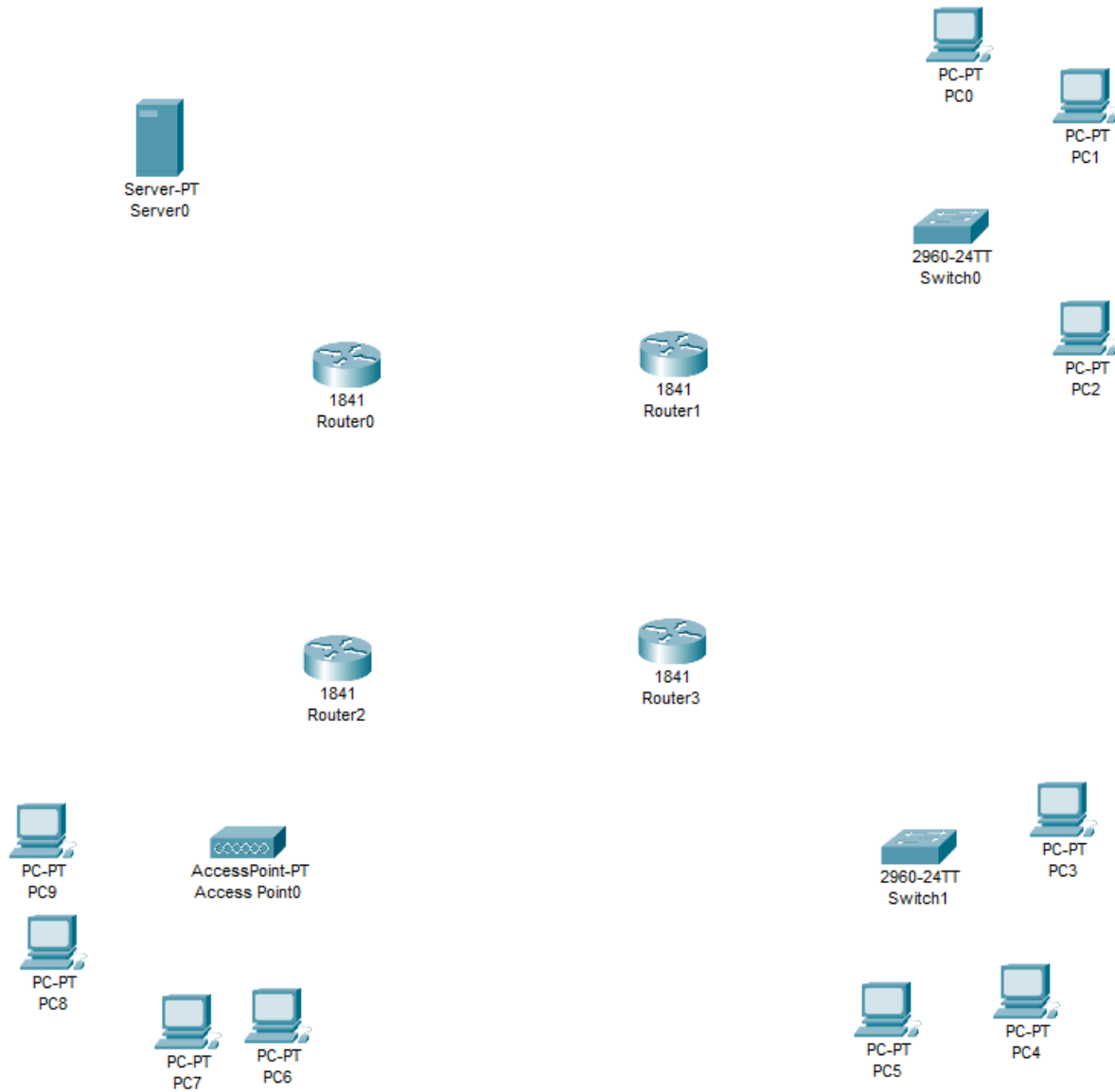Alejandro Guevara de Luna

UNIDAD

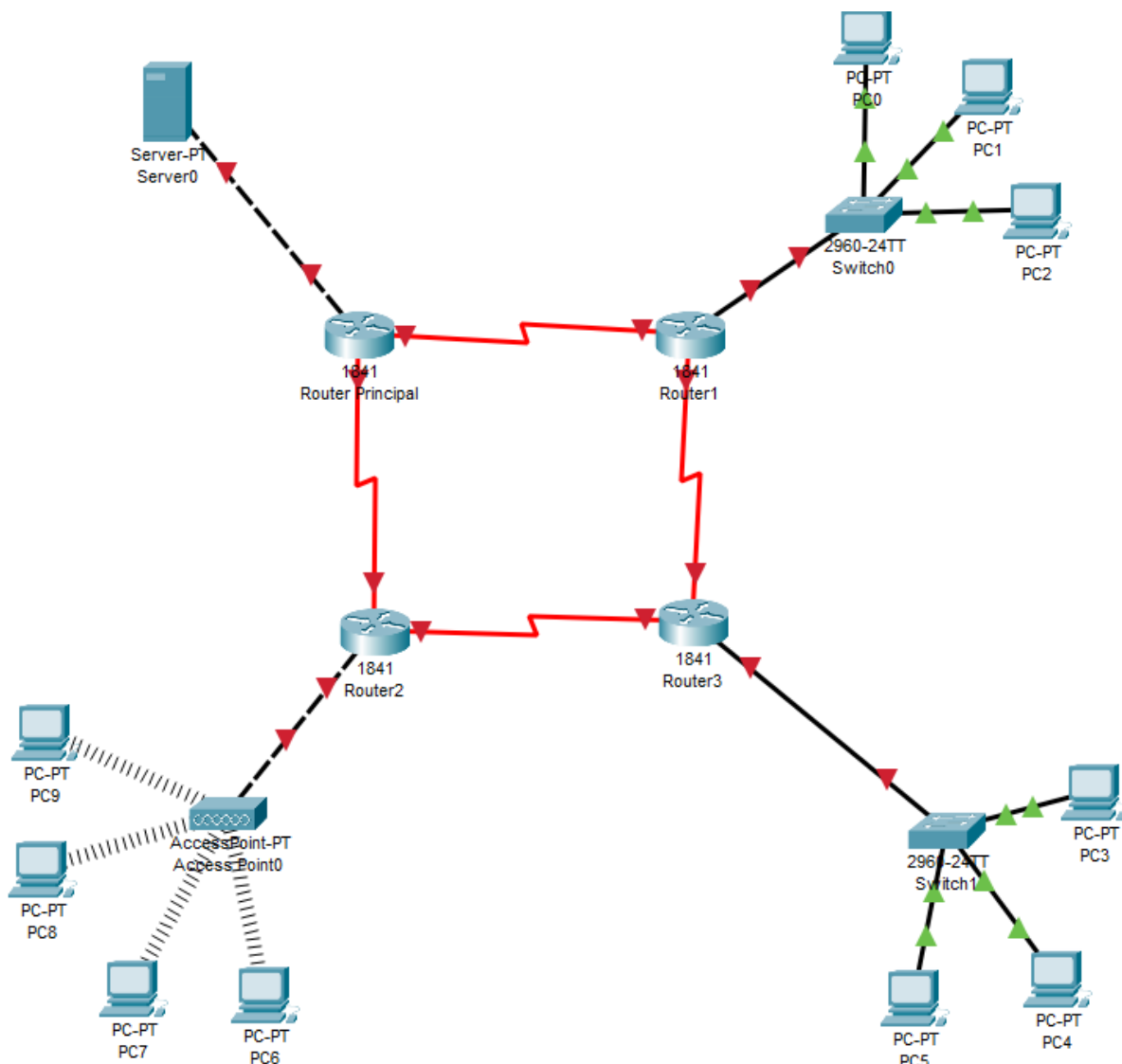# FECHA Y LUGAR
18 de noviembre del 2022

Server-PT
Server0

PC-PT
PC0

PC-PT
PC1

2960-24TT
Switch0

PC-PT
PC2

1841
Router0

1841
Router1

1841
Router2

1841
Router3

PC-PT
PC9

AccessPoint-PT
Access Point0

2960-24TT
Switch1

PC-PT
PC3

PC-PT
PC8

PC-PT
PC7

PC-PT
PC6

PC-PT
PC5

PC-PT
PC4

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Router Principal — □ ×

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
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

Router(config-if)#no ip address 192.168.0.1 255.255.255.0
Router(config-if)#ip address 192.168.4.1 255.255.255.0
Router(config-if)#exit
Router(config)#interface s 0/0/0
Router(config-if)#ip address 192.168.0.1 255.255.255.0
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to down
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial0/0/0
Router(config-if)#exit
Router(config)#interface s 0/0/1
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to down
Router(config-if)#
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Router#
```

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Router1 — □ ✕

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface fa 0/0
Router(config-if)#ip address 192.168.5.1 255.255.255.0
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

Router(config-if)#exit
Router(config)#interface s 0/0/0
Router(config-if)#ip address 192.168.0.2 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

Router(config-if)#exit
Router(config)#no shutdown
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed s
Router(config)#interface s 0/0/1
Router(config-if)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to down
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#
```

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Router2 — □ ✕

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface fa 0/0
Router(config-if)#ip address 192.168.6.1 255.255.255.0
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

Router(config-if)#exit
Router(config)#interface s 0/0/0
Router(config-if)#ip address 192.168.2.2 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

Router(config-if)#exit
Router(config)#interface s 0/0/1
Router(config-if)#exit
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state tono shutdown
Router(config-if)#ip address 192.168.3.1 255.255.255.0
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to down
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#
```

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Router3 — □ ✕

Physical | Config | CLI | Attributes

IOS Command Line Interface

```
Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface fa 0/0
Router(config-if)#ip address 192.168.7.1 255.255.255.0
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

Router(config-if)#exit
Router(config)#interface s 0/0/0
Router(config-if)#ip address 192.168.1.2 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

Router(config-if)#exit
Router(config)#interface s 0/0/0
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

Router(config)#interface s 0/0/1
Router(config-if)#ip address 192.168.3.2 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up

Router(config-if)#exit
Router(config)#exit
Router#
```

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Router Principal — □ ✕

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Router con0 is now available




Press RETURN to get started.









Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip route 192.168.5.0 255.255.255.255 192.168.0.2
Router(config)#
```

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Router1 — □ ✕

Physical   Config   **CLI**   Attributes

IOS Command Line Interface

```
Router(config-if)#




Router con0 is now available




Press RETURN to get started.








Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip route 192.168.4.0 255.255.255.0 192.168.0.1
Router(config)#
```
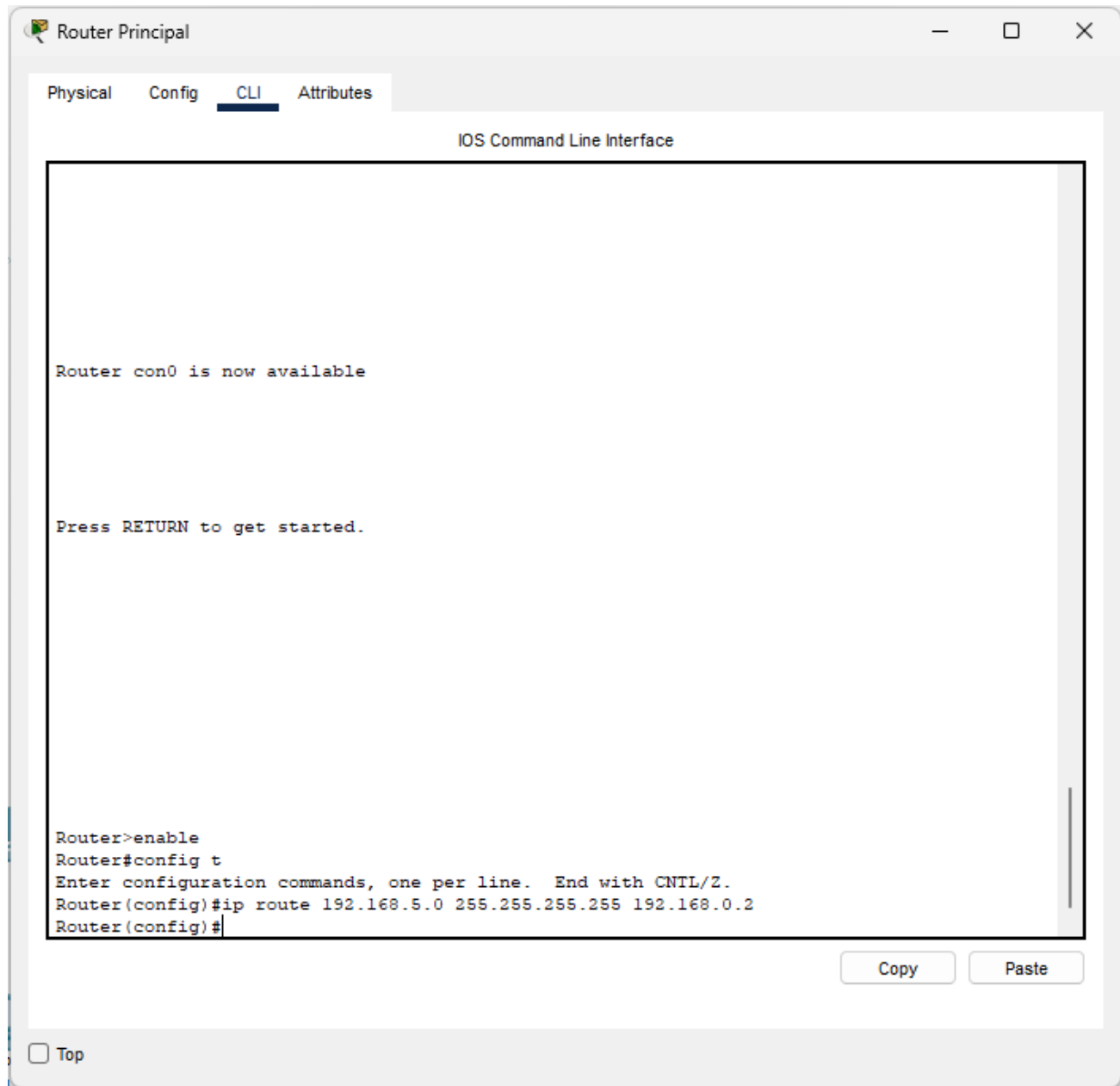
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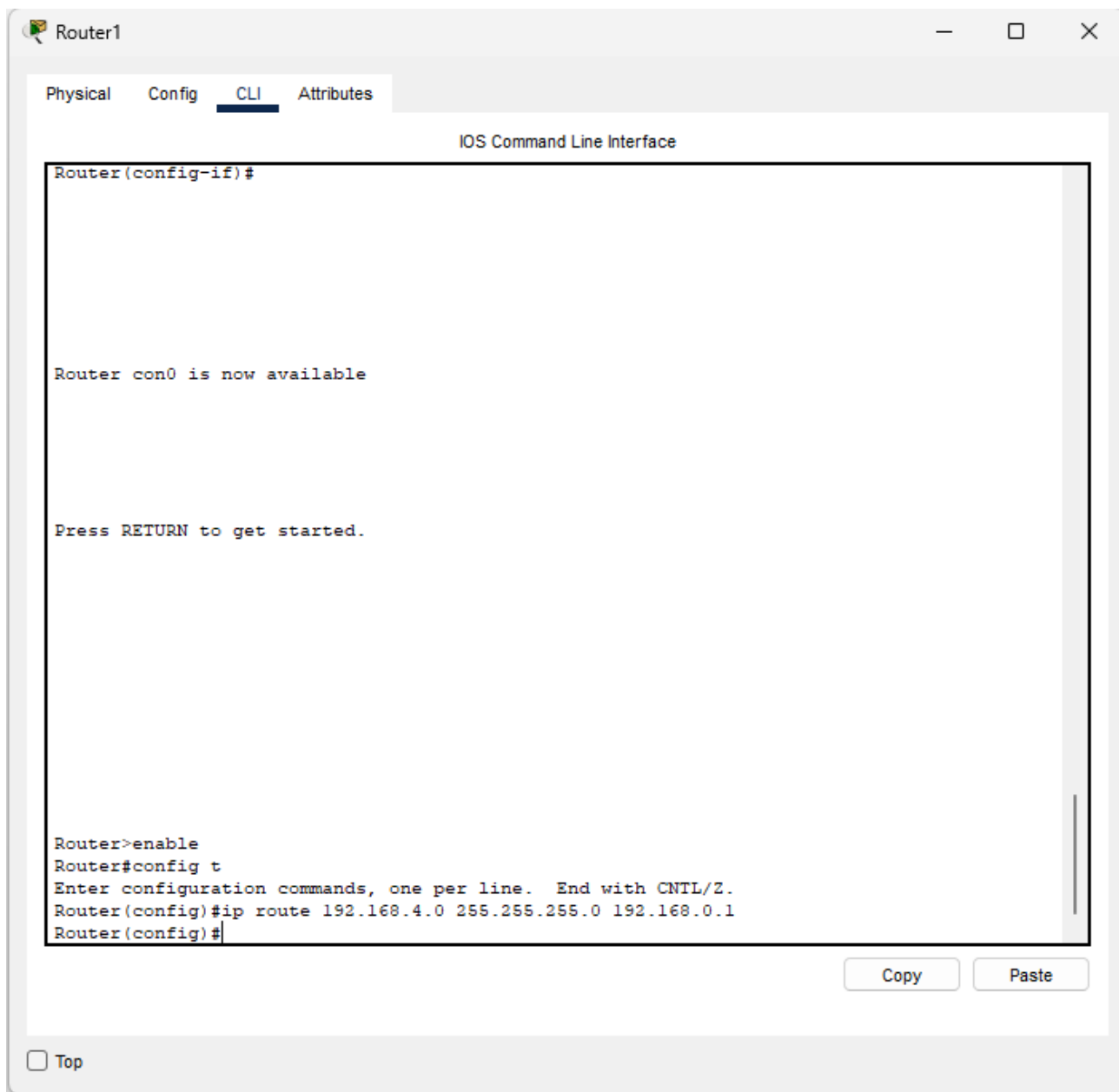☐ Top

Router1   —   □   ✕

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Router con0 is now available




Press RETURN to get started.








Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip route 192.168.4.0 255.255.255.0 192.168.0.1
Router(config)#ip route 192.168.7.0 255.255.255.0 192.168.1.2
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Router#
```

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Router3 — □ ✕

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Router con0 is now available




Press RETURN to get started.









Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip route 192.168.5.0 255.255.255.0 192.168.1.1
Router(config)#ip route 192.168.6.0 255.255.255.0 192.168.3.1
Router(config)#
%SYS-5-CONFIG_I: Configured from console by console

Router(config)#
```

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Router2   — □ ✕

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Press RETURN to get started.




Press RETURN to get started!


Router>enable
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip route 192.168.7.0 255.255.255.0 192.168.3.2
Router(config)#ip route 192.168.4.0 255.255.255.0 192.168.2.2
%Invalid next hop address (it's this router)
Router(config)#ip route 192.168.4.0 255.255.255.0 192.168.2.1
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
Router#
```

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