Se2/0   Se3/0
20.0.0.2   Router-PT   30.0.0.1
Router1

20.0.0.0   30.0.0.0
255.0.0.0   255.0.0.0

20.0.0.1 Se2/0   30.0.0.2
                                             Se3/0
Router-PT   Router-PT
Router0   Router2

10.0.0.2   40.0.0.1
          Fa0/0   Fa0/0

10.0.0.0   40.0.0.0
255.0.0.0   255.0.0.0
          Fa0   Fa0

PC-PT   PC-PT
PC0   PC1

10.0.0.2   40.0.0.2

Router0 — □ ×

Physical   Config   CLI

IOS Command Line Interface

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


Press RETURN to get started!



Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface Fa0/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
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-4-DUPADDR: Duplicate address 10.0.0.2 on FastEthernet0/0, sourced by
000C.CFC2.65B0

Router(config-if)#exit
Router(config)#interface Se2/0
Router(config-if)#ip address 20.0.0.1 255.0.0.0
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial2/0, changed state to down
Router(config-if)#
```

Ctrl+F6 to exit CLI focus   Copy   Paste

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IOS Command Line Interface

```
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip route 10.0.0.0 255.0.0.0 20.0.0.1
Router(config)#ip route 40.0.0.0 255.0.0.0 30.0.0.2
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter
area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

S    10.0.0.0/8 [1/0] via 20.0.0.1
C    20.0.0.0/8 is directly connected, Serial2/0
C    30.0.0.0/8 is directly connected, Serial3/0
S    40.0.0.0/8 [1/0] via 30.0.0.2

Router#
```

Ctrl+F6 to exit CLI focus   Copy   Paste