

PC1	PC2	PC3	PC4	PC5	
IP Configuration	IP Configuration	IP Configuration	IP Configuration	IP Configuration	
IP Configuration	IP Configuration	IP Configuration	IP Configuration	IP Configuration	
<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP Address: 192.168.1.10 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.1.1 DNS Server: <input type="text"/> IPv6 Configuration <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static IPv6 Address: <input type="text"/> Link Local Address: FE80::20D:BDFF:FE IPv6 Gateway: <input type="text"/> IPv6 DNS Server: <input type="text"/>	<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP Address: 192.168.1.11 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.1.1 DNS Server: <input type="text"/> IPv6 Configuration <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static IPv6 Address: <input type="text"/> Link Local Address: FE80::202:17FF IPv6 Gateway: <input type="text"/> IPv6 DNS Server: <input type="text"/>	<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP Address: 192.168.2.12 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.2.1 DNS Server: <input type="text"/> IPv6 Configuration <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static IPv6 Address: <input type="text"/> Link Local Address: FE80::2D0:58F IPv6 Gateway: <input type="text"/> IPv6 DNS Server: <input type="text"/>	<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP Address: 192.168.2.13 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.2.1 DNS Server: <input type="text"/> IPv6 Configuration <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static IPv6 Address: <input type="text"/> Link Local Address: FE80::260:3EFF IPv6 Gateway: <input type="text"/> IPv6 DNS Server: <input type="text"/>	<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP Address: 192.168.3.14 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.3.1 DNS Server: <input type="text"/> IPv6 Configuration <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static IPv6 Address: <input type="text"/> Link Local Address: FE80::202:4AFF IPv6 Gateway: <input type="text"/> IPv6 DNS Server: <input type="text"/>	<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP Address: 192.168.3.15 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.3.1 DNS Server: <input type="text"/> IPv6 Configuration <input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static IPv6 Address: <input type="text"/> Link Local Address: FE80::260:3EFF:FEC3:AE2A IPv6 Gateway: <input type="text"/> IPv6 DNS Server: <input type="text"/>



R0

Physical Config CLI

```
Router>enable
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname R0
R0(config)#int Fa0/0
R0(config-if)#ip address 192.168.1.1 255.255.255.0
R0(config-if)#no shutdown

R0(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

R0(config-if)#exit
R0(config)#int Se0/1/0
R0(config-if)#ip add 10.0.0.1 255.0.0.0
R0(config-if)#clock rate 64000
R0(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/1/0, changed state to down
R0(config-if)#exit
R0(config)#int Se0/1/1
R0(config-if)#ip add 12.0.0.1 255.0.0.0
R0(config-if)#clock rate 64000
R0(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/1/1, changed state to down
R0(config-if)#exit
R0(config)#router ospf 1
R0(config-router)#network 192.168.1.0 0.0.0.255
% Incomplete command.
R0(config-router)#network 192.168.1.0 0.0.0.255 area 0
R0(config-router)#network 10.0.0.0 0.255.255.255 area 0
R0(config-router)#network 12.0.0.0 0.255.255.255 area 0
R0(config-router)#exit
R0(config)#exit
R0#
%SYS-5-CONFIG_I: Configured from console by console
wr
Building configuration...
[OK]
R0#
%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

00:34:22: %OSPF-5-ADJCHG: Process 1, Nbr 192.168.2.1 on Serial0/1/0 from LOADING to FULL, Loading Done
```

R0 con0 is now available



R1

Physical Config CLI

```
Router>enable
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname R1
R1(config)#int Fa0/0
R1(config-if)#ip add 192.168.2.1 255.255.255.0
R1(config-if)#no shutdown

R1(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

R1(config-if)#exit
R1(config)#int Se0/1/0
R1(config-if)#ip add 10.0.0.2 255.0.0.0
R1(config-if)#no shutdown

R1(config-if)#
*LINK-5-CHANGED: Interface Serial0/1/0, changed state to up

R1(config-if)#
*LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/0, changed state to up

R1(config-if)#int Se0/1/1
R1(config-if)#ip add 11.0.0.1 255.0.0.0
R1(config-if)#clock rate 64000
R1(config-if)#no shutdown

*LINK-5-CHANGED: Interface Serial0/1/1, changed state to down
R1(config-if)#exit
R1(config)#router ospf 1
R1(config-router)#network 192.168.2.0 0.0.0.255 area 0
R1(config-router)#network 10.0.0.0 0.255.255.255 area 0
R1(config-router)#network
00:34:13: *OSPF-5-ADJCHG: Process 1, Nbr 192.168.1.1 on Serial0/1/0 from LOADING to FULL, Loading Done

* Incomplete command.
R1(config-router)#network 11.0.0.0 0.255.255.255 area 0
R1(config-router)#exit
R1(config)#exit
R1#
*SYS-5-CONFIG_I: Configured from console by console

R1#wr
Building configuration...
[OK]
R1#
*LINK-5-CHANGED: Interface Serial0/1/1, changed state to up

*LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/1, changed state to up

00:43:08: *OSPF-5-ADJCHG: Process 1, Nbr 192.168.3.1 on Serial0/1/1 from LOADING to FULL, Loading Done

R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface Serial0/0/1
R1(config-if)#
R1(config-if)#exit
R1(config)#interface Serial0/1/0
R1(config-if)#
R1(config-if)#exit
```

R2

Physical Config CLI

Press RETURN to get started!

```
Router>enable
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int Fa0/0
Router(config-if)#exi
Router(config)#hostname R3
R3(config)#hostname R2
R2(config)#int Fa0/0
R2(config-if)#ip add 192.168.3.1 255.255.255.0
R2(config-if)#no shutdown

R2(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

R2(config-if)#int Se1/0
^
* Invalid input detected at '^' marker.

R2(config-if)#exit
R2(config)#int Se0/1/0
R2(config-if)#ip add 11.0.0.2 255.0.0.0
R2(config-if)#clock rate 64000
This command applies only to DCE interfaces
R2(config-if)#no shutdown

R2(config-if)#
*LINK-5-CHANGED: Interface Serial0/1/0, changed state to up

R2(config-if)#
*LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/0, changed state to up

R2(config-if)#int Se0/1/1
R2(config-if)#ip add 12.0.0.2 255.0.0.0
R2(config-if)#no shutdown

R2(config-if)#
*LINK-5-CHANGED: Interface Serial0/1/1, changed state to up

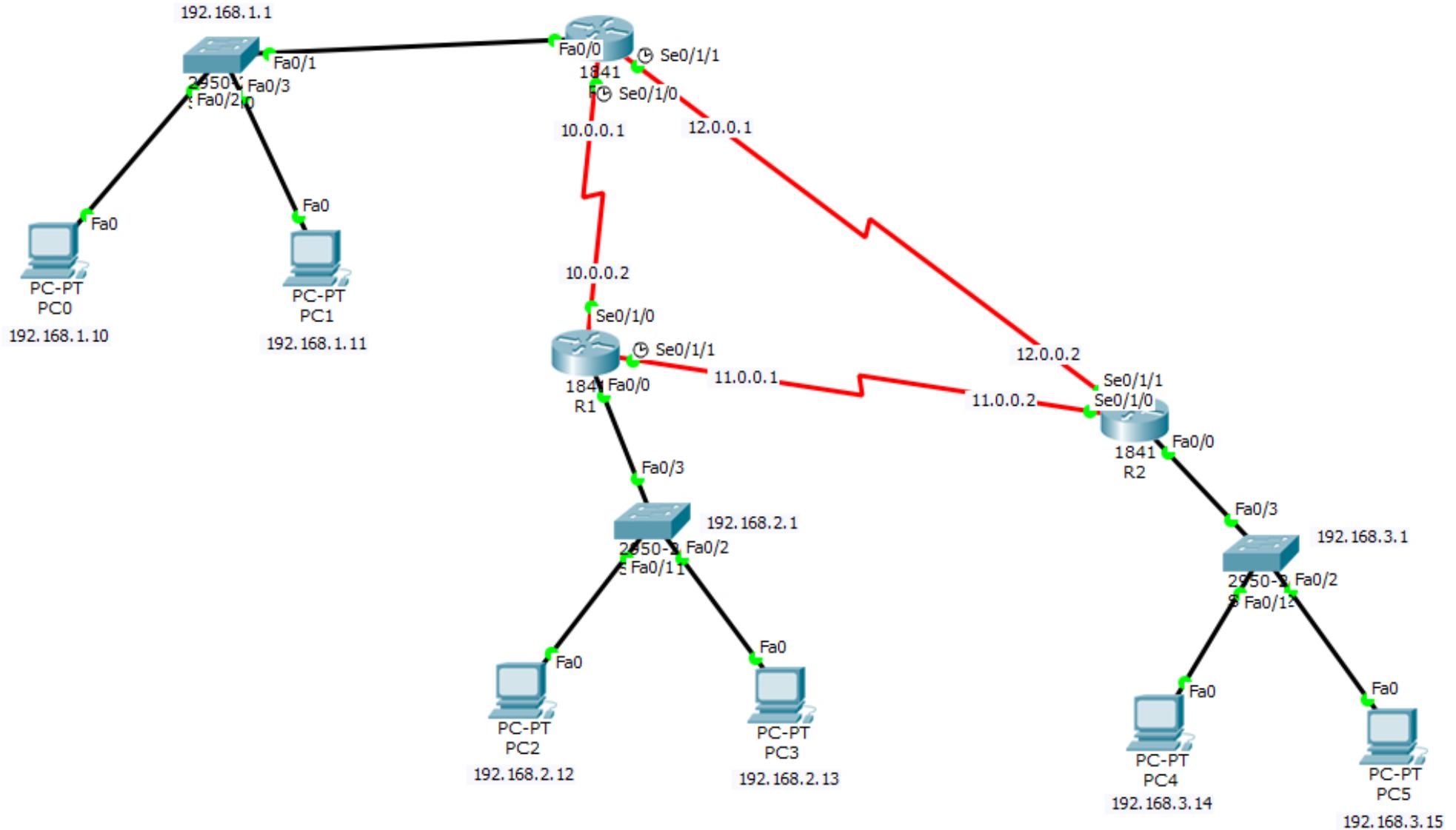
^
* Invalid input detected at '^' marker.

R2(config-if)#
*LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/1, changed state to up

R2(config-if)#router ospf 1
R2(config-router)#network 192.168.3.0 0.0.0.255 area 0
R2(config-router)#network 11.0.0.0 0.255.255.255 area 0
R2(config-router)#network 12.0.0.0 0.
00:43:02: *OSPF-5-ADJCHG: Process 1, Nbr 192.168.2.1 on Serial0/1/0 from LOADING to FULL, Loading Done
^
* Invalid input detected at '^' marker.

R2(config-router)#network 12.0.0.0 0.255.255.255 area 0
R2(config-router)#exit
R2(config)#exit
R2#
*SYS-5-CONFIG_I: Configured from console by console
```

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
●	Successful	PC1	PC3	ICMP		0.000	N	2	(edit)	(delete)
●	Successful	PC4	PC3	ICMP		0.000	N	3	(edit)	(delete)
●	Successful	PC5	PC1	ICMP		0.000	N	4	(edit)	(delete)
●	Successful	PC0	PC5	ICMP		0.000	N	5	(edit)	(delete)



R0

Physical Config CLI

MODULES
HWIC-2T
HWIC-4ESW
HWIC-8A
HWIC-AP-AG-B
WIC-1AM
WIC-1ENET
WIC-1T
WIC-2AM
WIC-2T
WIC-Cover

Physical Device View

Zoom In

Original Size

Zoom Out



Customize
Icon in
Physical View



Customize
Icon in
Logical View



The HWIC-2T is a Cisco 2-Port Serial High-Speed WAN Interface Card, providing 2 serial ports.

