ROUTER 0

Router>enable

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

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

shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to administratively down

Router(config-if)#exit

Router(config)#interface FastEthernet1/0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#ip address 171.16.0.1 255.255.0.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/1

Router(config-if)#ip address 192.168.1.1 255.255.255.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet1/0

Router(config-if)#ip address 150.15.0.1 255.255.0.0

Router(config-if)#

Router(config-if)#exit

Router(config)#

Router(config)#ip route 20.0.0.0 255.0.0.0 150.15.0.2

Router(config)#ip route 100.0.0.0 255.0.0.0 150.15.0.2

Router(config)#ip route 140.27.0.0 255.255.0.0 150.15.0.2

Router(config)#ip route 194.168.2.0 255.255.255.0 150.15.0.2

Router(config)#ip route 200.5.7.0 255.255.255.0 150.15.0.2

Router(config)#

ROUTER 1

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Router(config-if)#exit

Router(config)#

Router(config)#

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#

Router(config)#interface FastEthernet0/0

Router(config-if)#no ip address

Router(config-if)#ip address 150.15.0.2 255.255.0.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/1

Router(config-if)#no ip address

Router(config-if)#ip address 100.0.0.1 255.0.0.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet1/0

Router(config-if)#no ip address

Router(config-if)#ip address 194.168.2.1 255.255.255.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/1

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet1/1

Router(config-if)#no ip address

Router(config-if)#ip address 20.0.0.1 255.0.0.0

Router(config-if)#shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet1/1, changed state to administratively down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/1, changed state to down

no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet1/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/1, changed state to up

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to administratively down

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

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

shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to administratively down

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

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 FastEthernet0/1

Router(config-if)#shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to administratively down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down

no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Router(config-if)#exit

Router(config)#interface FastEthernet1/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet1/0

Router(config-if)#shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to administratively down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to down

no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up

Router(config-if)#exit

Router(config)#ip route 171.16.0.0 255.255.0.0 150.15.0.1

Router(config)#ip route 140.27.0.0 255.255.0.0 194.168.2.2

Router(config)#ip route 192.168.1.0 255.255.255.0 150.15.0.1

Router(config)#ip route 200.5.7.0 255.255.255.0 20.0.0.2

Router(config)#

ROUTER 2

Router>enable

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

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

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#ip address 20.0.0.2 255.0.0.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/1

Router(config-if)#ip address 200.5.7.1 255.255.255.0

Router(config-if)#

Router con0 is now available

Press RETURN to get started.

Router>enable

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#ip route 171.16.0.0 255.255.0.0 20.0.0.1

Router(config)#ip route 150.15.0.0 255.255.0.0 20.0.0.1

Router(config)#ip route 140.27.0.0 255.255.0.0 20.0.0.1

Router(config)#ip route 100.0.0.0 255.255.0.0 20.0.0.1

Router(config)#ip route 192.168.1.0 255.255.255.0 20.0.0.1

Router(config)#ip route 194.168.2.0 255.255.255.0 20.0.0.1

Router(config)#

Router con0 is now available

Press RETURN to get started.

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

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Router>enable

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#no ip route 100.0.0.0 255.255.0.0 20.0.0.1

Router(config)#ip route 100.0.0.0 255.0.0.0 20.0.0.1

Router(config)#

Router con0 is now available

Press RETURN to get started.

%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 3

Router>enable

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

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

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#ip address 194.168.2.2 255.255.255.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/1

Router(config-if)#ip address 140.27.0.1 255.255.0.0

Router(config-if)#

Router(config-if)#exit

Router(config)#ip route 171.16.0.0 255.255.0.0 194.168.2.1

Router(config)#ip route 100.0.0.0 255.255.0.0 194.168.2.1

Router(config)#ip route 150.15.0.0 255.255.0.0 194.168.2.1

Router(config)#ip route 20.0.0.0 255.0.0.0 194.168.2.1

Router(config)#ip route 192.168.1.0 255.255.255.0 194.168.2.1

Router(config)#ip route 200.5.7.0 255.255.255.0 194.168.2.1

Router(config)#

Router con0 is now available

Press RETURN to get started.

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

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

%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