

03.

Router0

Continue with configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

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

Router(config)#int fa1/0

Router(config-if)#ip add 192.168.2.1 255.255.255.0

Router(config-if)#no shut

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)#int gig0/0

Router(config-if)#ip add 192.168.1.1 255.255.255.0

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

Router(config-if)#exit

Router(config)#exit

Router#

%SYS-5-CONFIG\_: Configured from console by console

Router#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Router#

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Router con0 is now available

Press RETURN to get started.

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 10
Router(config-router)#net 192.168.2.0 255.255.255.0
Router(config-router)#net 192.168.1.0 255.255.255.0
Router(config-router)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

```
Router#copy running-conf startup-conf
Destination filename [startup-config]?
Building configuration...
[OK]
Router#
%DUAL-5-NBRCHANGE: IP-EIGRP 10: Neighbor 192.168.1.2 (GigabitEthernet0/0) is up: new
adjacency
Router con0 is now available
Press RETURN to get started.
```

#### **Router1:**

Continue with configuration dialog? [yes/no]: no  
Press RETURN to get started!

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int gig0/0
Router(config-if)#ip add 192.168.1.2 255.255.255.0
Router(config-if)#no shut
```

```
Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up
```

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up
```

```
Router(config-if)#exit
Router(config)#int gig1/0
Router(config-if)#ip add 192.168.4.1
% Incomplete command.
Router(config-if)#ip add 192.168.4.1 255.255.255.0
Router(config-if)#no shut
```

```
Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet1/0, changed state to up
```

```
Router(config-if)#exit
Router(config)#int fa2/0
Router(config-if)#ip add 192.168.3.1 255.255.255.0
```

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up

Router(config-if)#exit

Router(config)#exit

Router#

%SYS-5-CONFIG\_I: Configured from console by console

Router#copy running-conf startup-conf

Destination filename [startup-config]?

Building configuration...

[OK]

Router#

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0, changed state to up

Router con0 is now available

Press RETURN to get started.

Router>en

Router#conf t

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

Router(config)#router eigrp 10

Router(config-router)#net 192.168.1.0 255.255.255.0

Router(config-router)#

%DUAL-5-NBRCHANGE: IP-EIGRP 10: Neighbor 192.168.1.1 (GigabitEthernet0/0) is up: new adjacency

Router(config-router)#net 192.168.3.0 255.255.255.0

Router(config-router)#net 192.168.4.0 255.255.255.0

Router(config-router)#^Z

Router#

%SYS-5-CONFIG\_I: Configured from console by console

Router#copy running-conf startup-conf

Destination filename [startup-config]?

Building configuration...

[OK]

Router#

Router#

%DUAL-5-NBRCHANGE: IP-EIGRP 10: Neighbor 192.168.4.2 (GigabitEthernet1/0) is up: new adjacency

Router con0 is now available

Press RETURN to get started.

## Router2:

Continue with configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

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

Router(config)#int gig1/0

Router(config-if)#ip add 192.168.4.2 255.255.255.0

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0, changed state to up

Router(config-if)#exit

Router(config)#int gig0/0

Router(config-if)#ip add 192.168.6.1 255.255.255.0

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

Router(config-if)#exit

Router(config)#int fa2/0

Router(config-if)#ip add 192.168.5.1 255.255.255.0

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up

Router(config-if)#exit

Router(config)#exit

Router#

%SYS-5-CONFIG\_I: Configured from console by console

Router#copy running-conf startup-conf

Destination filename [startup-config]?

Building configuration...

[OK]

Router#

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Router#conf t

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

Router(config)#router eigrp 10

Router(config-router)#net 192.168.4.0 255.255.255.0

Router(config-router)#

%DUAL-5-NBRCHANGE: IP-EIGRP 10: Neighbor 192.168.4.1 (GigabitEthernet1/0) is up: new adjacency

Router(config-router)#net 192.168.6.0 255.255.255.0

Router(config-router)#net 192.168.5.0 255.255.255.0

Router(config-router)#^Z

Router#

%SYS-5-CONFIG\_I: Configured from console by console

Router#copy running-conf startup-conf

Destination filename [startup-config]?

Building configuration...

[OK]

Router#

%DUAL-5-NBRCHANGE: IP-EIGRP 10: Neighbor 192.168.6.2 (GigabitEthernet0/0) is up: new adjacency

Router con0 is now available

Press RETURN to get started.

### Router3:

Continue with configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

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

Router(config)#int gig0/0

Router(config-if)#ip add 192.168.6.2 255.255.255.0

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Router(config-if)#exit

```
Router(config)#int fa2/0
Router(config-if)#ip add 192.168.7.1 255.255.255.0
Router(config-if)#no shut
```

```
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet2/0, changed state to up
```

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up
```

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

```
Router#copy running-conf startup-conf
Destination filename [startup-config]?
Building configuration...
[OK]
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 10
Router(config-router)#net 192.168.6.0 255.255.255.0
Router(config-router)#
%DUAL-5-NBRCHANGE: IP-EIGRP 10: Neighbor 192.168.6.1 (GigabitEthernet0/0) is up: new
adjacency
```

```
Router(config-router)#net 192.168.7.0 255.255.255.0
Router(config-router)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console
Router#copy running-conf startup-conf
Destination filename [startup-config]?
Building configuration...
[OK]
Router#
```

