

1 Static route.

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 fa0/0

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 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)#int fa1/0

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 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 fa2/0

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 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)#ing gig3/0

^

% Invalid input detected at '^' marker.

Router(config)#int gig3/0

Router(config-if)#ip add 192.168.1.1

% Incomplete command.

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 GigabitEthernet3/0, changed state to up

Router(config-if)#exit

Router(config)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/0,
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)#ip route 192.168.5.0 255.255.255.0 192.168.1.2

Router(config)#ip route 192.168.6.0 255.255.255.0 192.168.1.2

Router(config)#ip route 192.168.7.0 255.255.255.0 192.168.1.2

Router(config)#ip route 192.168.8.0 255.255.255.0 192.168.1.2

Router(config)#ip route 192.168.9.0 255.255.255.0 192.168.1.2

Router(config)#ip route 192.168.10.0 255.255.255.0 192.168.1.2

Router(config)#exit

Router#

%SYS-5-CONFIG_I: Configured from console by console

Router#wr

Building configuration...

[OK]

Router#

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 gig3/0
```

```
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 GigabitEthernet3/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/0, changed state to up

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

```
Router(config)#int gig2/0
```

```
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 GigabitEthernet2/0, changed state to up

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

```
Router(config)#int fa0/0
```

```
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 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)#int fa1/0

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 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 gig3/0

Router(config-if)#ip add 192.168.7.2 255.255.255.0

% 192.168.7.0 overlaps with GigabitEthernet2/0

Router(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/0,
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)#ip route 192.168.2.0 255.255.255.0 192.168.1.1

Router(config)#ip route 192.168.3.0 255.255.255.0 192.168.1.1

Router(config)#ip route 192.168.4.0 255.255.255.0 192.168.1.1

Router(config)#ip route 192.168.8.0 255.255.255.0 192.168.7.2

Router(config)#ip route 192.168.9.0 255.255.255.0 192.168.7.2

Router(config)#ip route 192.168.10.0 155.155.155.0 192.168.7.2

%Inconsistent address and mask

Router(config)#ip route 192.168.10.0 255.255.255.0 192.168.7.2

Router(config)#exit

Router#

%SYS-5-CONFIG_I: Configured from console by console

Router#wr

Building configuration...

[OK]

Router#

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 gig3/0
```

```
Router(config-if)#ip add 192.168.7.2 255.255.255.0
```

```
Router(config-if)#no shut
```

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

```
%LINK-5-CHANGED: Interface GigabitEthernet3/0, changed state to up
```

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/0,  
changed state to up
```

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

```
Router(config)#int fa0/0
```

```
Router(config-if)#ip add 192.168.8.1 255.255.255.0
```

```
Router(config-if)#no shut
```

```
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)#int fa1/0
```

```
Router(config-if)#ip add 192.168.9.1 255.255.255.0
```

```
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 fa2/0

Router(config-if)#ip add 192.168.10.1 255.255.255.0

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)#

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)#ip route 192.168.2.0 255.255.255.0 192.168.7.1

Router(config)#ip route 192.168.3.0 255.255.255.0 192.168.7.1

Router(config)#ip route 192.168.4.0 255.255.255.0 192.168.7.1

Router(config)#ip route 192.168.5.0 255.255.255.0 192.168.7.1


```
Router(config)#ip route 192.168.6.0 255.255.255.0 192.168.7.1
```

```
Router(config)#ip route 192.168.1.0 255.255.255.0 192.168.7.1
```

```
Router(config)#exit
```

```
Router#
```

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

```
Router#wr
```

```
Building configuration...
```

```
[OK]
```

```
Router#
```

```
Router con0 is now available
```

```
Press RETURN to get started.
```