



```
Router>en
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip address 192.168.2.211 255.255.255.248
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
ex
Router(config)#int fa 0/1
Router(config-if)#ip add 192.168.2.65 255.255.255.192
Router(config-if)#no shut

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
ex
Router(config)#router ospf 2
Router(config-router)#network 192.168.2.64 0.0.0.63
% Incomplete command.
Router(config-router)#network 192.168.2.64 0.0.0.63 area 1
Router(config-router)#network 192.168.2.208 0.0.0.7 area 1
Router(config-router)#
```

```
Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa 0/1
Router(config-if)#ip add 192.168.2.161 255.255.255.240
Router(config-if)#no sh

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
ex
Router(config)#int fa 0/0
Router(config-if)#ip add 192.168.2.212 255.255.255.248
Router(config-if)#no sh

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)#ex
Router(config)#router ospf 2
Router(config-router)#network 192.168.2.160 0.0.0.15 area 1
Router(config-router)#network 192.168.2.208 0.0.0.7 area 1
Router(config-router)#ex
Router(config)#
00:38:56: %OSPF-5-ADJCHG: Process 2, Nbr 192.168.2.211 on FastEthernet0/0 from LOADING to FULL, Loading Done

Router(config)#
```

```
Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa 0/1
Router(config-if)#ip add 192.168.2.177/28
                        ^
% Invalid input detected at '^' marker.

Router(config-if)#ip add 192.168.2.177 28
                        ^
% Invalid input detected at '^' marker.

Router(config-if)#ip add 192.168.2.177 255.255.255.240
Router(config-if)#no sh

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)#ex
Router(config)#int fa 0/0
Router(config-if)#ip add 192.168.2.213 255.255.255.240
Router(config-if)#no sh

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)#ex
Router(config)#router ospf 2
Router(config-router)#network 192.168.2.176 0.0.0.15 area 1
Router(config-router)#network 192.168.2.208 0.0.0.7 area 1
Router(config-router)#
```

```
Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa 0/1
Router(config-if)#ip add 192.168.2.129 255.255.255.224
Router(config-if)#no sh

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
ex
Router(config)#int fa 0/0
Router(config-if)#ip add 192.168.2.218 255.255.255.249
Bad mask 0xFFFFFFFF9 for address 192.168.2.218
Router(config-if)#ip add 192.168.2.218 255.255.255.248
Router(config-if)#no sh \

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)#ex
Router(config)#router ospf 3
Router(config-router)#network 192.168.2.216 0.0.0.7 area 2
Router(config-router)#network 192.168.2.128 0.0.0.31 area 2
Router(config-router)#|
```

```
Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa 0/1
Router(config-if)#ip add 192.168.2.193 255.255.255.240
Router(config-if)#no sh

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
ex
Router(config)#int fa 0/0
Router(config-if)#ip add 192.168.2.219 255.255.255.248
Router(config-if)#no sh

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)#ex
Router(config)#router ospf 3
Router(config-router)#network 192.168.2.192 0.0.0.15 area 2
Router(config-router)#network 192.168.2.216 0.0.0.7 area 2
Router(config-router)#
```

```

Router>en
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip add 192.168.1.5 255.255.255.252
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
ex
Router(config)#int fa 0/1
Router(config-if)#ip add 192.168.1.10 255.255.255.252
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
ex
Router(config)#int eth 0/0/0
Router(config-if)#ip add 192.168.2.217 255.255.255.248
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface Ethernet0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0/0, changed state to up
ex
Router(config)#int eth 0/1/0
Router(config-if)#ip add
% Incomplete command.
Router(config-if)#ip add 192.168.2.210 255.255.255.248
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface Ethernet0/1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/1/0, changed state to up

Router(config-if)#router ospf 1
Router(config-router)#network 192.168.1
^
% Invalid input detected at '^' marker.

Router(config-router)#network 192.168.1.4 0.0.0.3 area 0
Router(config-router)#network 192.168.1.8 0.0.0.3 area 0
Router(config-router)#network 192.168.2.208 0.0.0.7 area 1
Router(config-router)#network 192.168.2.208 0.0.0.7 area 2
00:05:06: %OSPF-5-ADJCHG: Process 1, Nbr 192.168.2.212 on Ethernet0/1/0network 192.168.1.8 0.0.0.3 area 0
00:05:10: %OSPF-5-ADJCHG: Process 1, Nbr 192.168.2.213 on Ethernet0/1/0 fex
Router(config)#router ospf 1
Router(config-router)#network 192.168.2.216 0.0.0.7 area 2
Router(config-router)#

```

```
Router(config)#router ospf 1
Router(config-router)#network 192.168.2.216 0.0.0.7 area 2
Router(config-router)#ex
Router(config)#router ospf 2
Router(config-router)#network 192.168.1.4 0.0.0.3 area 0
Router(config-router)#network 192.168.1.8 0.0.0.3 area 0
Router(config-router)#ex
Router(config)#router ospf 3
Router(config-router)#network 192.168.2.208 0.0.0.7 area 1
Router(config-router)#
```