# Configurations – Class C

## #R1

Router>en
Router#conf t
Router(config)#int fa0/0
Router(config-if)#ip address 192.168.1.126 255.255.255.128
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#int fa0/1
Router(config-if)#ip address 192.168.1.225 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#ip route 192.168.1.128 255.255.255.192 192.168.1.226
Router(config)#ip route 192.168.1.192 255.255.255.224 192.168.1.226

## #R2

Router>en
Router#conf t
Router(config)#int fa0/0
Router(config-if)#ip address 192.168.1.190 255.255.255.192
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#int fa1/1
Router(config-if)#ip address 192.168.1.226 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#int fa1/0
Router(config-if)#ip address 192.168.1.229 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#ip route 192.168.1.0 255.255.255.128 192.168.1.225
Router(config)#ip route 192.168.1.192 255.255.255.224 192.168.1.230

## #R3

Router>en
Router#conf t
Router(config)#int fa0/0
Router(config-if)#ip address 192.168.1.222 255.255.255.224
Router(config-if)#no shut
Router(config-if)#exit

Router(config)#int fa0/1
Router(config-if)#ip address 192.168.1.230 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#ip route 192.168.1.0 255.255.255.128 192.168.1.229
Router(config)#ip route 192.168.1.128 255.255.255.192 192.168.1.229


## 80 Hosts

IP Address: 192.168.1.1
Subnet Mask: 255.255.255.128
Default Gateway: 192.168.1.126


## 45 Hosts

IP Address: 192.168.1.129
Subnet Mask: 255.255.255.192
Default Gateway: 192.168.1.190


## 20 Hosts

IP Address: 192.168.1.193
Subnet Mask: 255.255.255.224
Default Gateway: 192.168.1.222