

```
R1(config-if)#ip address 192.168.10.1 255.255.255.240
R1(config-if)#in shut
R1(config-if)#int f0/0.
*Mar 1 00:01:35.639: %LINK-3-UPDOWN: Interface FastEthernet0/0, changed state to up
*Mar 1 00:01:35.639: %LINK-3-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
R1(config-if)#int f0/0.2
R1(config-sublf)#ip address 1
*Mar 1 00:02:03.659: %LINK-3-UPDOWN: Interface FastEthernet0/0, changed state to up
R1(config-sublf)#ip address 1
*Mar 1 00:02:03.659: %LINK-3-UPDOWN: Interface FastEthernet0/0, changed state to up
R1(config-sublf)#ip address 192.168.1.65 255.255.255.192
R1(config-sublf)#ip address 192.168.1.65 255.255.255.254
R1(config-sublf)#ip address 192.168.1.129 255.255.255.254

Marning: use /31 mask on non point-to-point interface cautiously
R1(config-sublf)#exit
R1(config-sublf)#exit
R1(config)#exit
R1(config)#exit
R1(config)#int f0/0.10
R1(config)#int f0/0.10
R1(config)#int f0/0.10
R1(config-sublf)#in address 192.168.1.129 255.255.255.224
R1(config-sublf)#ip address 192.168.1.129 255.255.255.255.224
R1(config-sublf)#ip
```

```
PC1> ip 192.168.1.66 255.255.255.192 192.168.1.65

Checking for duplicate address...

PC1 : 192.168.1.66 255.255.255.192 gateway 192.168.1.65

PC1> ping 192.168.1.67 -c 2

84 bytes from 192.168.1.67 icmp_seq=1 ttl=64 time=0.671 ms

84 bytes from 192.168.1.67 icmp_seq=2 ttl=64 time=0.894 ms
```

```
PC2> ip 192.168.1.67 255.255.255.192 192.168.1.65
Checking for duplicate address...
PC2 : 192.168.1.67 255.255.255.192 gateway 192.168.1.65
```

```
PC 19PC3> ip 192.168.1.130 255.255.255.224 192.168.1.129
84Checking for duplicate address...
PC3 : 192.168.1.130 255.255.255.224 gateway 192.168.1.129
```

```
PC1> ping 192.168.1.67 -c 2
84 bytes from 192.168.1.67 icmp_seq=1 ttl=64 time=0.671 ms
84 bytes from 192.168.1.67 icmp_seq=2 ttl=64 time=0.894 ms
```











