

R1

- R1(config)#ip route 0.0.0.0 0.0.0.0 s0/0/0
- R1(config)#ip route 10.10.16.0 255.255.255.0 s0/1/1
- R1(config)#ipv6 route ::/0 s0/0/1
- R1(config)#ipv6 route 2001:db8:1:a::/63 s0/1/0
- R1(config)#ip route 64.100.100.0 255.255.255.0 s0/0/1 5

R2

- R2(config)#interface G0/0
- R2(config-if)#ip address 10.10.16.1 255.255.255.128
- R2(config-if)#no shutdown
- R2(config-if)#interface G0/1
- R2(config-if)#ip address 10.10.16.129 255.255.255.128
- R2(config-if)#no shutdown
- R2(config-if)#exit
- R2(config)#ip route 0.0.0.0 0.0.0.0 10.10.20.1

R3

- R3(config)#ipv6 route ::/0 s0/0/0