Administrative Distance

| 10.0.0.1 | | 20.0.0.1 | | | 20.0.0.2 | | 30.0.0.1 |

```
10.0.0.1                20.0.0.1              20.0.0.2         30.0.0.1
         RA                                          RB
      e0        s0                            s0        e0

      C – 10.0.0.0                              C – 20.0.0.0
      C – 20.0.0.0                              C – 30.0.0.0
```

ENABLE INTERFACE
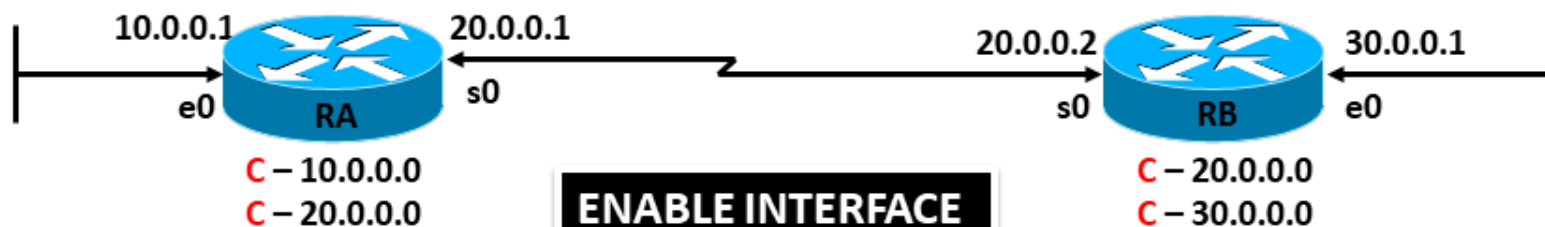
❖ **Configure STATIC ROUTING.** (AD-1).
❖ **Configure EIGRP..** (AD-90).
❖ **Configure OSPF.** (AD-110).
❖ **Configure Default Routing.** (AD-255).

Change AD in Static Routing:

RA -   # ip route 30.0.0.0 255.0.0.0 20.0.0.2 150

RB -   # ip route 10.0.0.0 255.0.0.0 20.0.0.1 150

Change AD in EIGRP: (RA & RB)

#router eigrp 100
#distance eigrp 125 180

Change AD in Default Routing:

RA -   # ip route 0.0.0.0 0.0.0.0 s0 200

RB -   # ip route 0.0.0.0 0.0.0.0 s0 200

Change AD in OSPF: (RA & RB)

#router ospf 10
#distance 115