



```

router ospf 1
router-id 172.20.1.94
redistribute connected subnets
network 10.31.103.0 0.0.0.255 area 1
network 172.20.1.0 0.0.0.255 area 1
maximum-paths 2
  
```

```

router ospf 1
router-id 172.20.20.1
log-adjacency-changes
redistribute connected subnets
redistribute static subnets
network 10.31.45.0 0.0.0.255 area 0
network 10.31.46.0 0.0.0.255 area 0
network 172.20.1.0 0.0.0.255 area 1
  
```

```

router ospf 1
router-id 172.20.20.1
log-adjacency-changes
redistribute connected subnets
redistribute static subnets
network 10.31.45.0 0.0.0.255 area 0
network 10.31.46.0 0.0.0.255 area 0
network 172.20.1.0 0.0.0.255 area 1
  
```

```

sh ip route 10.31.48.2
Routing entry for 10.31.48.0/24
Known via "ospf 1", distance 110, metric 3, type inter area
Last update from 172.20.1.2 on GigabitEthernet9, 7w0d ago
Routing Descriptor Blocks:
  172.20.1.2, from 172.20.1.2, 7w0d ago, via GigabitEthernet9
    Route metric is 3, traffic share count is 1
  * 172.20.1.1, from 172.20.20.1, 7w0d ago, via GigabitEthernet9
    Route metric is 3, traffic share count is 1
  
```

```

Tracing the route to 10.31.48.2
VRF info: (vrf in name/id, vrf out name/id)
  1 172.20.1.2 0 msec
    172.20.1.1 0 msec
    172.20.1.2 0 msec
  2 10.31.45.2 12 msec
    10.31.45.7 4 msec
    10.31.45.2 4 msec
  
```