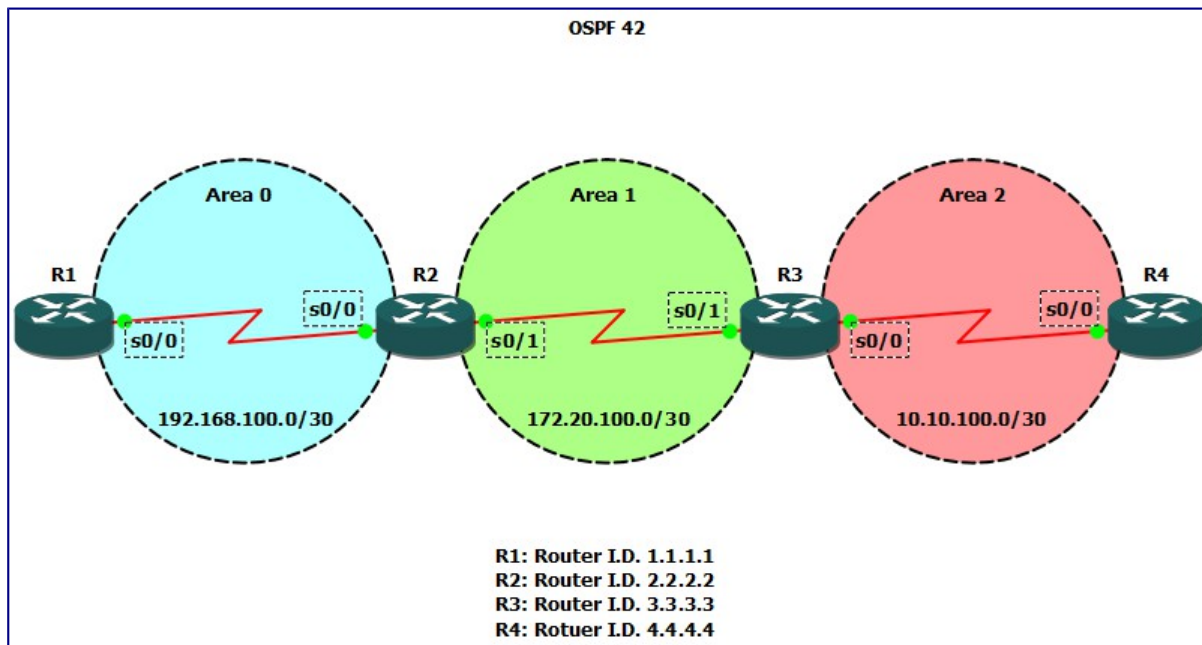# OSPF Virtual Link Configuration

R1

```
1  interface Loopback1
2   ip address 192.168.200.1 255.255.255.0
3  !
4  interface Serial0/0
5   ip address 192.168.100.1 255.255.255.252
6  !
7  router ospf 42
8   router-id 1.1.1.1
9   log-adjacency-changes
10  network 192.168.100.0 0.0.0.3 area 0
11  network 192.168.200.0 0.0.0.255 area 0
```

R2

```
1  interface Serial0/0
2   ip address 192.168.100.2 255.255.255.252
3  !
4  interface Serial0/1
5   ip address 172.20.100.1 255.255.255.252
6  !
7  router ospf 42
8   router-id 2.2.2.2
9   log-adjacency-changes
10  area 1 virtual-link 3.3.3.3
11  network 172.20.100.0 0.0.0.3 area 1
12  network 192.168.100.0 0.0.0.3 area 0
```

R3

```
1 interface Serial0/0
2  ip address 10.10.100.1 255.255.255.252
3 !
4 interface Serial0/1
5  ip address 172.20.100.2 255.255.255.252
6 !
7 router ospf 42
8  router-id 3.3.3.3
9  log-adjacency-changes
10 area 1 virtual-link 2.2.2.2
11 network 10.10.100.0 0.0.0.3 area 2
12 network 172.20.100.0 0.0.0.3 area 1
```

R4

```
1 interface Loopback1
2  ip address 10.10.200.1 255.255.255.0
3 !
4 interface Serial0/0
5  ip address 10.10.100.2 255.255.255.252
6 !
7 router ospf 42
8  router-id 4.4.4.4
9  log-adjacency-changes
10 network 10.10.100.0 0.0.0.3 area 2
11 network 10.10.200.0 0.0.0.255 area 2
```