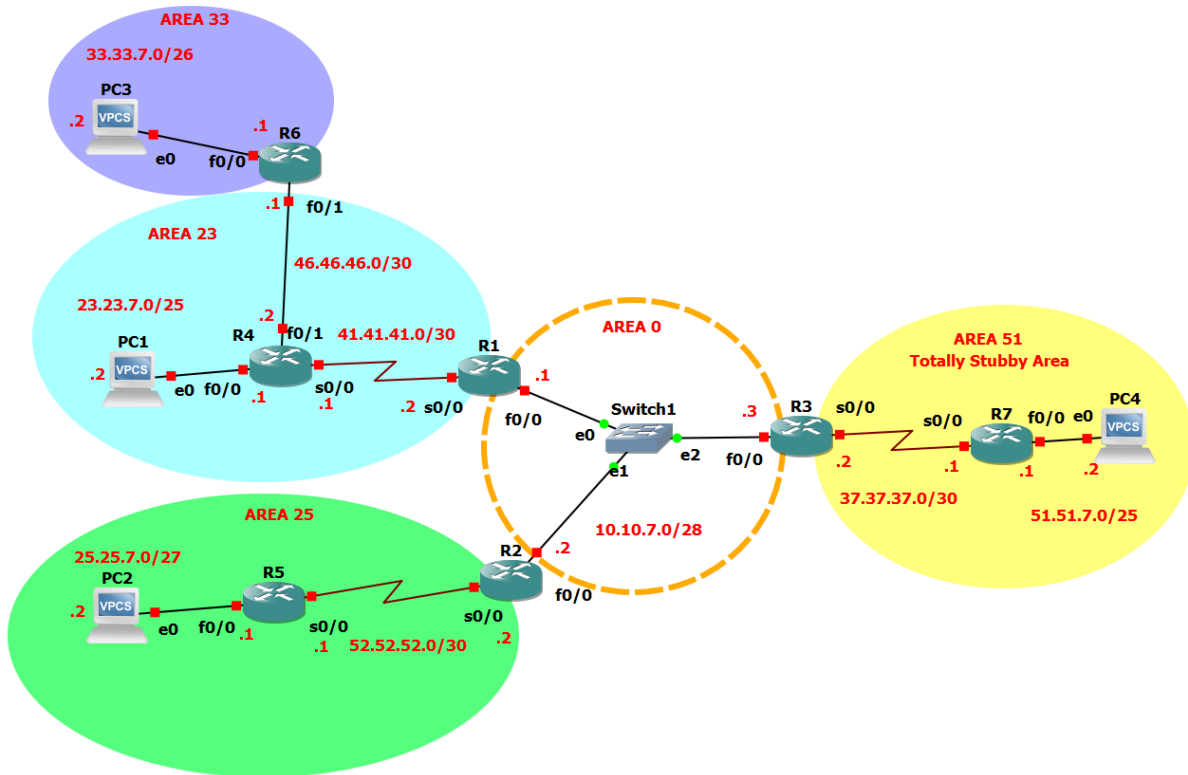


OSPF AREAS



R1

```
R1(config)# router ospf 1
R1(config-router)# router-id 1.1.1.1
R1(config-router)# network 10.10.7.0 0.0.0.15 area 0
R1(config-router)# network 41.41.41.0 0.0.0.3 area 23
R1(config-router)# network 46.46.46.0 0.0.0.3 area 23
```

```
R1(config-router)# area 23 virtual-link 6.6.6.6
```

```
R1(config)# interface fastethernet 0/0
R1(config-if)# ip ospf priority 255
```

R2

```
R2(config)# router ospf 1
R2(config-router)# router-id 2.2.2.2
R2(config-router)# network 10.10.7.0 0.0.0.15 area 0
R2(config-router)# network 52.52.52.0 0.0.0.3 area 25
```

R3

```
R3(config)# router ospf 1
R3(config-router)# router-id 3.3.3.3
R3(config-router)# network 10.10.7.0 0.0.0.15 area 0
R3(config-router)# network 37.37.37.0 0.0.0.3 area 51
R3(config-router)# area 51 stub no-summary

R3(config)# interface fastethernet 0/0
R3(config-if)# ip ospf priority 200
```

R4

```
R4(config)# router ospf 1
R4(config-router)# router-id 4.4.4.4
R4(config-router)# network 23.23.7.0 0.0.0.127 area 23
R4(config-router)# network 41.41.41.0 0.0.0.3 area 23
R4(config-router)# network 46.46.46.0 0.0.0.3 area 23
```

R5

```
R5(config)# router ospf 1
R5(config-router)# router-id 5.5.5.5
R5(config-router)# network 25.25.7.0 0.0.0.31 area 25
R5(config-router)# network 52.52.52.0 0.0.0.3 area 25
```

R6

```
R6(config)# router ospf 1
R6(config-router)# router-id 6.6.6.6
R6(config-router)# network 33.33.7.0 0.0.0.63 area 33
R6(config-router)# network 46.46.46.0 0.0.0.3 area 23

R6(config-router)# area 23 virtual-link 1.1.1.1
```

R7

```
R7(config)# router ospf 1
R7(config-router)# router-id 7.7.7.7
R7(config-router)# network 51.51.7.0 0.0.0.127 area 51
R7(config-router)# area 51 stub no-summary
```

Comandos para checar la practica

```
show ip ospf virtual-links
show ip ospf database
show ip ospf database router
show ip ospf database network
show ip ospf database summary
show ip ospf database asbr-summary
show ip ospf database external
show ip ospf database nssa-external
show running-config | section router ospf
show ip ospf neighbor
show ip ospf
show ip ospf interface [nombre de la interfaz]
```