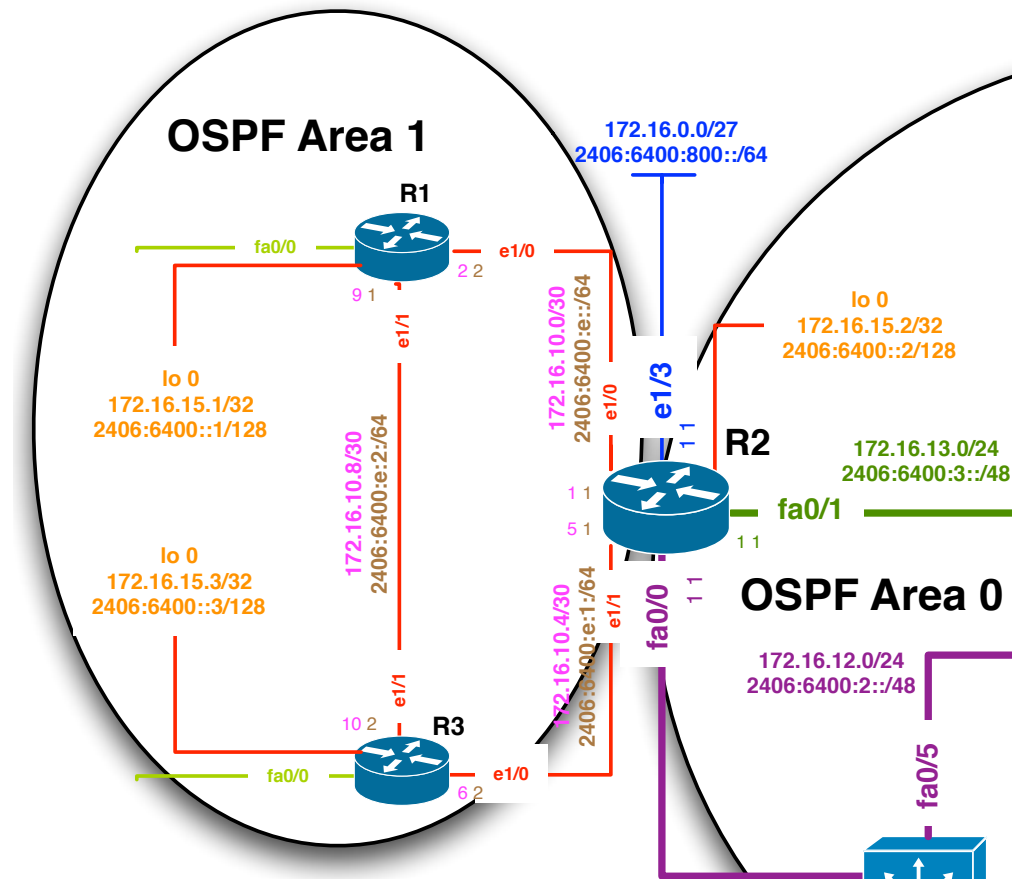


## Configuration of OSPF in training ISP network Region1:



IPv4 OSPF Conf Router1:

```

conf t
router ospf 17821
log-adjacency-changes
passive-interface default
network 172.16.15.1 0.0.0.0 area 1
no passive-interface e1/0
network 172.16.10.0 0.0.0.3 area 1
no passive-interface e1/1
network 172.16.10.8 0.0.0.3 area 1
exit
exit
wr
  
```

Verify IPv4 OSPF Configuration:

```

sh ip ospf neighbor
sh ip ospf database
sh ip route ospf
ping [router1....up to router12 loopback] !!!!!
ping [all WAN interface & transport interface] !!!!!
  
```

```
ping [any datacenter prefix] .....  
ping [any customer prefix] .....  
debug ip ospf packet  
debug ip ospf adj
```

IPv6 OSPF Conf Router1:

```
config t  
interface loopback 0  
ipv6 ospf 17821 area 1  
interface e1/0  
ipv6 ospf 17821 area 1  
interface e1/1  
ipv6 ospf 17821 area 1  
exit  
exit  
wr
```

Verify IPv6 OSPF Configuration:

```
sh ipv6 ospf neighbor  
sh ipv6 ospf database  
sh ipv6 route ospf  
ping [router1....up to router12 loopback] !!!!!  
ping [all WAN interface & transport interface] !!!!!  
ping [any datacenter prefix] .....  
ping [any customer prefix] .....  
debug ipv6 ospf packet  
debug ipv6 ospf adj
```