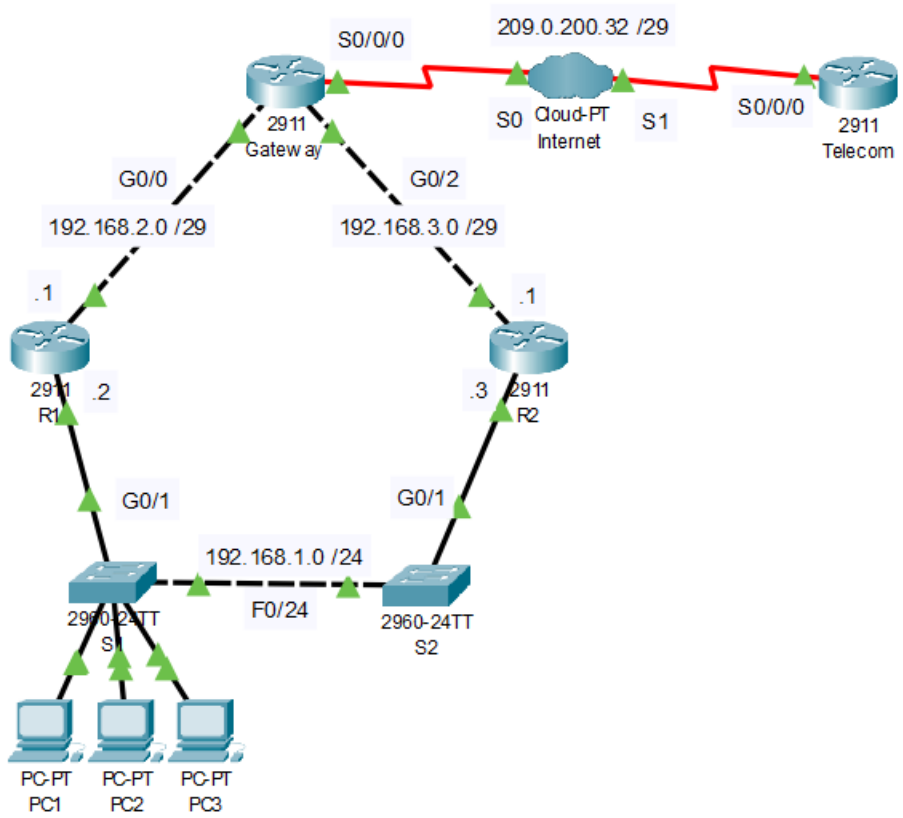
Goal. Use the provided PKT file and configure the following:

1. OSPF on all routers
2. HSRP on routers R1 and R2 so that they use virtual address 192.168.1.1
3. Test: delete the link between R1 and S1, use Simulation mode to check packet route

Hostnames, IP addresses and Frame Relay are already configured.



1. OSPF

```
R1(config)#router ospf 1
R1(config-router)#network 192.168.1.0 0.0.0.255 area 0
R1(config-router)#network 192.168.2.0 0.0.0.7 area 0

R2(config)#router ospf 1
R2(config-router)#network 192.168.1.0 0.0.0.255 area 0
R2(config-router)#network 192.168.3.0 0.0.0.7 area 0

GW(config)#router ospf 1
GW(config-router)#network 209.0.200.32 0.0.0.7 area 0
GW(config-router)#network 192.168.2.0 0.0.0.7 area 0
GW(config-router)#network 192.168.3.0 0.0.0.7 area 0


Telecom(config)#router ospf 1
Telecom(config-router)#network 209.0.200.32 0.0.0.7 area 0
```

2. HSRP

```
R1(config)#interface GigabitEthernet 0/1
R1(config-if)#standby 1 ip 192.168.1.1
R1(config-if)#standby 1 priority 105
R1(config-if)#standby 1 preempt
R1(config-if)#standby 1 track GigabitEthernet 0/0

R2(config)#interface GigabitEthernet 0/1
R2(config-if)#standby 1 ip 192.168.1.1
R1(config-if)#standby 1 priority 100
R1(config-if)#standby 1 preempt
```

3. Test

1. Remove link between R1 and S1, check CLI logs on Router 1; check packet route; check #show standby on both routers

- Go back to normal

2. Remove link between R1 and Gateway, check CLI logs on Router 1

- Go back to normal

3. Set priority of 110 on Router 2; Remove link between R2 and Gateway, check CLI Logs on Router 2

- Router 1 will not assume Active role because we didn't instruct R2 to track it's interface GE 0/2
- Go back to normal