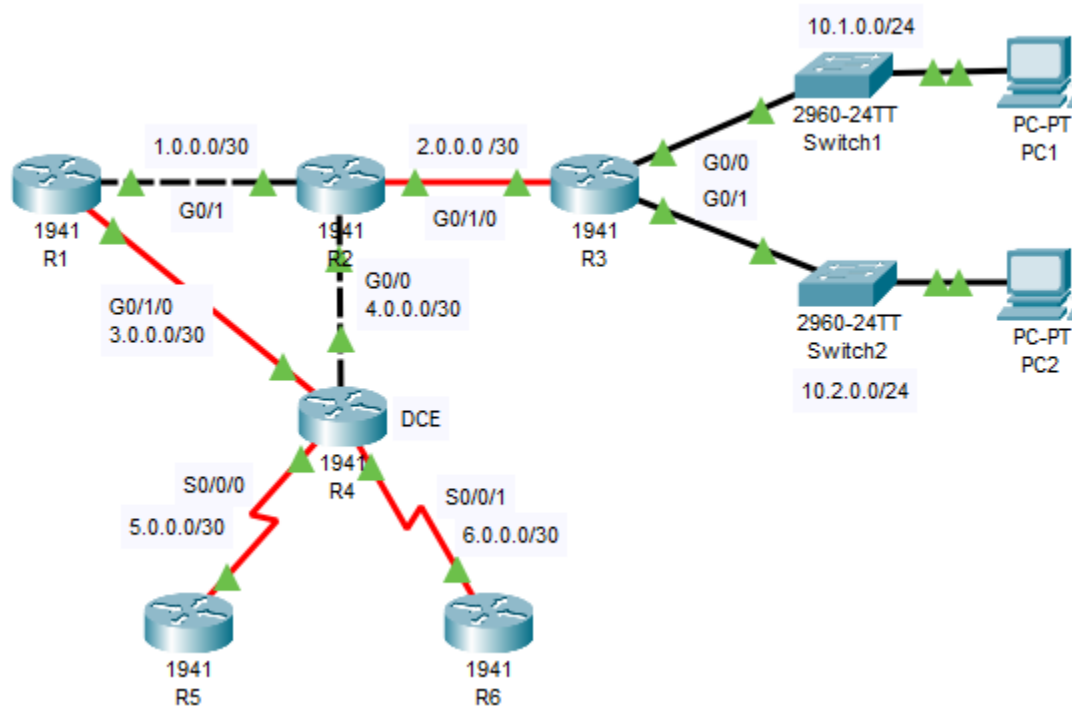


**Goal.** Use the provided PKT file and configure it with a goal that all-to-all connectivity shall be established within given network.

1. RIPv2 on all routers in the network.
2. Configure the “passive interfaces”



## 1. RIPv2

### R1

```
R1(config)#router rip
R1(config-router)#version 2
R1(config-router)#no auto-summary
R1(config-router)#network 1.0.0.0
R1(config-router)#network 3.0.0.0
```

### R2

```
R2(config)#router rip
R2(config-router)#version 2
R2(config-router)#no auto-summary
R2(config-router)#network 1.0.0.0
R2(config-router)#network 2.0.0.0
R2(config-router)#network 4.0.0.0
```

### R3

```
R3(config)#router rip
R3(config-router)#version 2
```

```
R1(config-router)#no auto-summary
R2(config-router)#network 2.0.0.0
R3(config-router)#network 10.1.0.0
R3(config-router)#network 10.2.0.0
```

#### **R4**

```
R4(config)#router rip
R4(config-router)#version 2
R1(config-router)#no auto-summary
R2(config-router)#network 3.0.0.0
R2(config-router)#network 4.0.0.0
R2(config-router)#network 5.0.0.0
R2(config-router)#network 6.0.0.0
```

#### **R5**

```
R5(config)#router rip
R5(config-router)#version 2
R1(config-router)#no auto-summary
R2(config-router)#network 5.0.0.0
```

#### **R6**

```
R5(config)#router rip
R5(config-router)#version 2
R1(config-router)#no auto-summary
R2(config-router)#network 6.0.0.0
```

## **2. Passive interfaces**

```
R3(config)#router rip
R3(config-if)#passive-interface GigabitEthernet 0/0
R3(config-if)#passive-interface GigabitEthernet 0/1
```