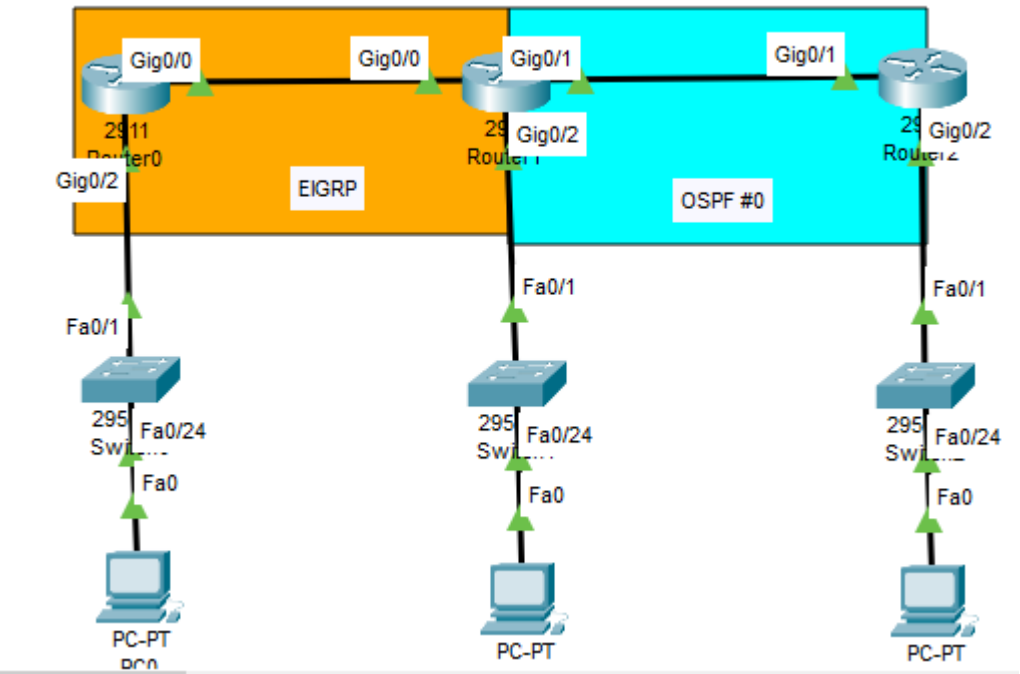
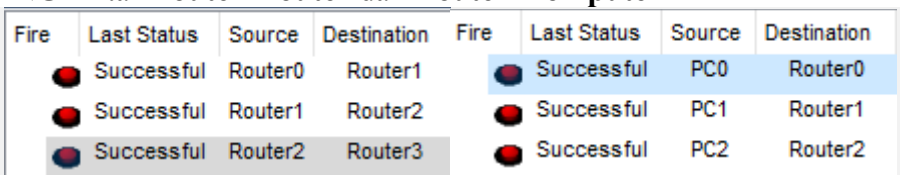
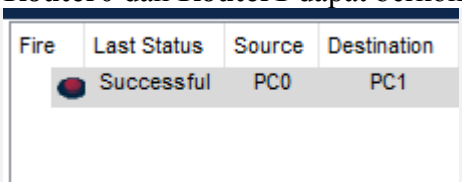
Praktikum 7
Redistribute EIGRP + OSPF Multi Area

NO	KETERANGAN
1	Buatlah topologi jaringan sepertI berikut
	
	Router : 2911 **Switch : 2950-24**
2	Masukkan IP sesuai dengan Router dan Komputernya
	Router0 (Paling Kiri) **> Gig0/0 : 10.10.10.1 - 255.255.255.252** **> Gig0/2 : 192.168.10.1 - 255.255.255.0** **Router1** **> Gig0/0 : 10.10.10.2 - 255.255.255.252** **> Gig0/1 : 20.20.20.1 - 255.255.255.252** **> Gig0/2 : 192.168.20.1 - 255.255.255.0** **Router2** **> Gig0/0 : 30.30.30.1 - 255.255.255.252** **> Gig0/1 : 20.20.20.2 - 255.255.255.252**

	> Gig0/2 : 192.168.30.1 - 255.255.255.0 **PC0** **> ET : 192.168.10.2 – 255.255.255.0** **> GW : 192.168.10.1** **PC1** **> ET : 192.168.20.2 – 255.255.255.0** **> GW : 192.168.20.1** **PC2** **> ET : 192.168.30.2 – 255.255.255.0** **> GW : 192.168.30.1**
3	Cek PING Antar **Router-Router** dan **Router-Komputer**
	
4	Masukkan Konfigurasi Routing untuk **EIGRP** di **Router0** dan **Router1**
	Router0 Router(config-if)#router eigrp 1 Router(config-router)#no auto Router(config-router)#net 10.10.10.0 Router(config-router)#net 192.168.10.0 **Router1** Router(config-if)#router eigrp 1 Router(config-router)#no auto Router(config-router)#net 10.10.10.0 Router(config-router)#net 20.20.20.0 Router(config-router)#net 192.168.20.0
5	**Router0** dan **Router1** dapat berkomunikasi satu sama lain melalui **PING**
	
6	Berikutnya adalah mengkonfigurasikan **OSPF #0** di **Router1** dan **Router2.** Pastikan Router dalam mode **Config : Router(config)#**
	Router1 Router(config)#router ospf 1 Router(config-router)#net 20.20.20.0 0.0.0.3 area 0 Router(config-router)#net 192.168.20.0 0.0.0.255 area 0

Router2
Router(config)#router ospf 1
Router(config-router)#net 20.20.20.0 0.0.0.3 area 0
Router(config-router)#net 192.168.30.0 0.0.0.255 area 0

7 **Router1** dan **Router2** dapat berkomunikasi satu sama lain melalui **PING**

Fire	Last Status	Source	Destination	Type
	Successful	PC1	PC2	ICMP

8 Berikutnya adalah melakukan **Redistribusi** melalui konfigurasi **EIGRP** dan **OSPF.** Buka **Router1** dan masukkan konfigurasi berikut

Router1
Router(config)#router eigrp 1
Router(config-router)#redistribute ospf 1 metric 1 1 1 1 1
Router(config-router)#exit
Router(config)#router ospf 1
Router(config-router)#redistribute eigrp 1
Router(config-router)#

9 Test **PING**

Fire	Last Status	Source	Destination	Type
	Successful	PC0	PC2	ICMP

10 **Hasil Konfigurasi Router0**

Type	Network	Port	Next Hop IP	Metric
C	10.10.10.0/30	GigabitEthernet0/0	---	0/0
L	10.10.10.1/32	GigabitEthernet0/0	---	0/0
D	20.20.20.0/30	GigabitEthernet0/0	10.10.10.2	90/3072
C	192.168.10.0/24	GigabitEthernet0/2	---	0/0
L	192.168.10.1/32	GigabitEthernet0/2	---	0/0
D	192.168.20.0/24	GigabitEthernet0/0	10.10.10.2	90/5376
D	192.168.30.0/24	GigabitEthernet0/0	10.10.10.2	170/2560000512

11 **Hasil Konfigurasi Router1**

Type	Network	Port	Next Hop IP	Metric
C	20.20.20.0/30	GigabitEthernet0/1	---	0/0
L	20.20.20.1/32	GigabitEthernet0/1	---	0/0
D	192.168.10.0/24	GigabitEthernet0/0	10.10.10.1	90/5376
C	192.168.20.0/24	GigabitEthernet0/2	---	0/0
L	192.168.20.1/32	GigabitEthernet0/2	---	0/0
O	192.168.30.0/24	GigabitEthernet0/1	20.20.20.2	110/2

12 **Hasil Konfigurasi Router2.** Router non-ASBR tidak mnyimpan Router Sebelah

Type	Network	Port	Next Hop IP	Metric
C	20.20.20.0/30	GigabitEthernet0/1	---	0/0
L	20.20.20.2/32	GigabitEthernet0/1	---	0/0
O	192.168.10.0/24	GigabitEthernet0/1	20.20.20.1	110/20
O	192.168.20.0/24	GigabitEthernet0/1	20.20.20.1	110/2
C	192.168.30.0/24	GigabitEthernet0/2	---	0/0
L	192.168.30.1/32	GigabitEthernet0/2	---	0/0