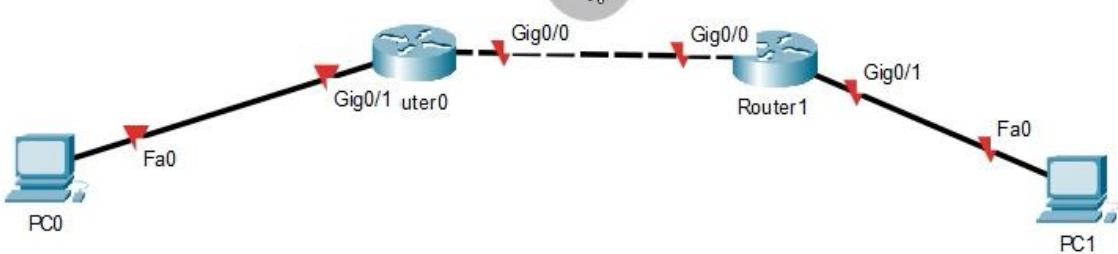


# Praktikum 1

## Routing Statis

NO	KETERANGAN														
1	Buatlah Topologi dengan Packet Tracer sebagai berikut 														
2	Berikan IP kepada Router dan PC sebagai berikut ROUTER0 - GIG0/0 : 10.10.10.1 255.255.255.252 ROUTER0 - GIG0/1 : 192.168.0.1 255.255.255.0 ROUTER1 - GIG0/0 : 10.10.10.2 255.255.255.252 ROUTER1 - GIG0/1 : 192.168.1.1 255.255.255.0 PC0 : 192.168.0.2 255.255.255.0, GW: 192.168.0.1 PC1 : 192.168.1.2 255.255.255.0, GW: 192.168.1.1														
3	Konfigurasikan Static Routing ROUTER0 : 192.168.1.0 255.255.255.0 10.10.10.2 ROUTER1 : 192.168.0.0 255.255.255.0 10.10.10.1														
4	Tes PING dari Ujung ke Ujung, dan Pastikan Sukses <table border="1"><tr><td>Successful</td><td>PC0</td><td>PC1</td><td>ICMP</td><td>0.000</td><td>N</td><td>0</td></tr><tr><td>Successful</td><td>PC0</td><td>PC1</td><td>ICMP</td><td>0.000</td><td>N</td><td>1</td></tr></table>	Successful	PC0	PC1	ICMP	0.000	N	0	Successful	PC0	PC1	ICMP	0.000	N	1
Successful	PC0	PC1	ICMP	0.000	N	0									
Successful	PC0	PC1	ICMP	0.000	N	1									
5	Selesai														

## Praktikum 2

### Routing RIP

NO	KETERANGAN
1	Buatlah Topologi dengan Packet Tracer sebagai berikut
	
2	Berikan IP kepada <b>Router 2911</b> dan PC sebagai berikut Router0 – Gig0/0 : 10.10.10.1 255.255.255.252 Router0 – Gig0/1 : 192.168.0.1 255.255.255.0 Router1 – Gig0/0 : 10.10.10.2 255.255.255.252 Router1 – Gig0/1 : 192.168.1.1 255.255.255.0
	PC0 : 192.168.0.2 255.255.255.0, GW: 192.168.0.1 PC1 : 192.168.1.2 255.255.255.0, GW: 192.168.1.1
3	Konfigurasikan RIPv2 Routing
	router0 : router>enable router#config t router(config)#router rip router(config-router)#no auto-summary router(config-router)#network 192.168.0.0 router(config-router)#network 10.10.10.0 router(config-router)#version 2
	router1 : router>enable router#config t router(config)#router rip router(config-router)#no auto-summary router(config-router)#network 192.168.1.0 router(config-router)#network 10.10.10.0 router(config-router)#version 2

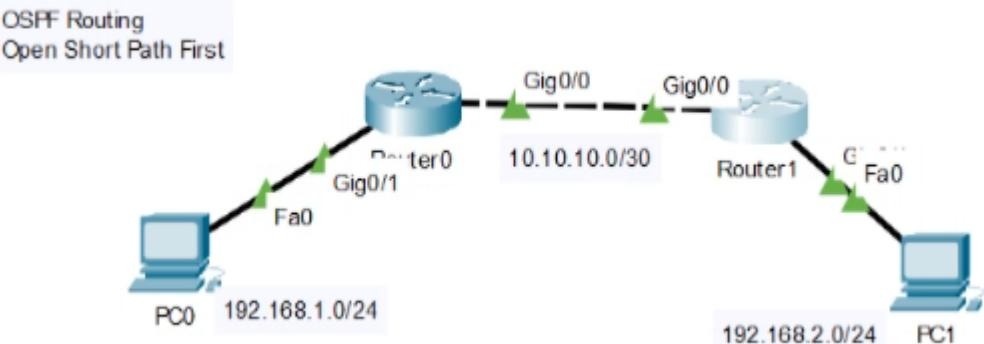
**4** | Tes PING dari Ujung ke Ujung, dan Pastikan Sukses

Successful	PC0	PC1	ICMP		0.000	N	0
Successful	PC0	PC1	ICMP		0.000	N	1

**5** | Selesai

# Praktikum 3

## Routing Open Short Path First

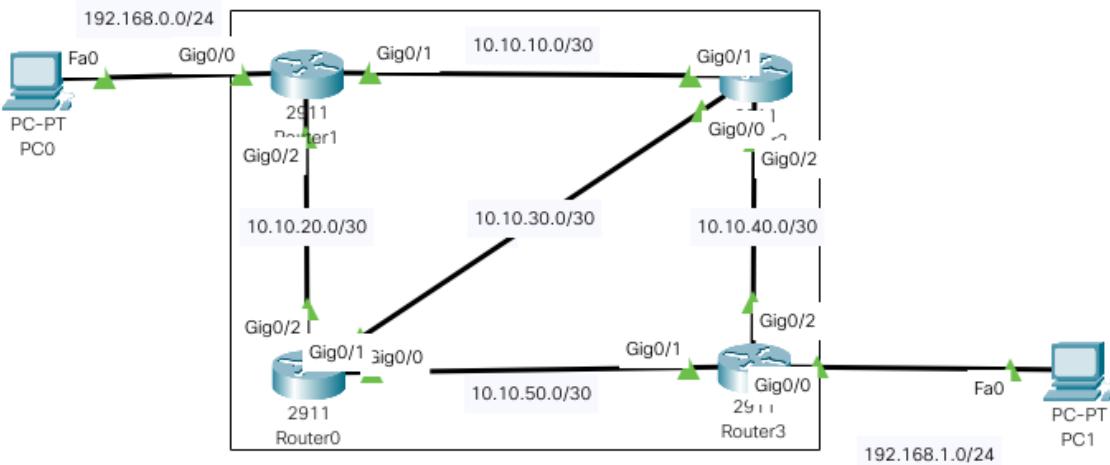
NO	KETERANGAN
1	Buatlah Topologi dengan Packet Tracer sebagai berikut   <p>OSPF Routing Open Short Path First</p>
2	Berikan IP kepada <b>Router 2911</b> dan PC sebagai berikut Router0 - Gig0/0 : 10.10.10.1 255.255.255.252 Router0 – Gig0/1 : 192.168.1.1 255.255.255.0 Router1 – Gig0/0 : 10.10.10.2 255.255.255.252 Router1 – Gig0/1 : 192.168.2.1 255.255.255.0
	PC0 : 192.168.1.2 255.255.255.0, GW: 192.168.1.1 PC1 : 192.168.2.2 255.255.255.0, GW: 192.168.2.1
3	Konfigurasikan OSPF Routing router0 : router>enable router#config t router(config)#router ospf 1 router(config-router)#network 192.168.1.0 0.0.0.255 area 1 router(config-router)#network 10.10.10.0 0.0.0.3 area 1  router1 : router>enable router#config t router(config)#router ospf 1 router(config-router)#network 192.168.2.0 0.0.0.255 area 1 router(config-router)#network 10.10.10.0 0.0.0.3 area 1
4	Tes PING dari Ujung ke Ujung, dan Pastikan Sukses

	Successful	PC0	PC1	ICMP		0.000	N	0
	Successful	PC0	PC1	ICMP		0.000	N	1

5 | Selesai

# Praktikum 4

## Routing Extended Interior Gateway Protocol

NO	KETERANGAN
1	Buatlah Topologi dengan Packet Tracer sebagai berikut
2	<p>Berikan IP kepada Router 2911 dan PC sebagai berikut</p> <p>Router0:</p> <p>GigabitEthernet0/0 - 10.10.30.2 255.255.255.252 GigabitEthernet0/1 - 10.10.50.1 255.255.255.252 GigabitEthernet0/2 - 10.10.20.2 255.255.255.252</p> <p>Router1:</p> <p>GigabitEthernet0/0 - 192.168.0.1 255.255.255.0 GigabitEthernet0/1 - 10.10.10.1 255.255.255.252 GigabitEthernet0/2 - 10.10.20.1 255.255.255.252</p> <p>Router2:</p> <p>GigabitEthernet0/0 - 10.10.30.1 255.255.255.252 GigabitEthernet0/1 - 10.10.10.2 255.255.255.252 GigabitEthernet0/2 - 10.10.40.1 255.255.255.252</p> <p>Router3:</p> <p>GigabitEthernet0/0 - 192.168.1.1 255.255.255.0 GigabitEthernet0/1 - 10.10.50.2 255.255.255.252 GigabitEthernet0/2 - 10.10.40.2 255.255.255.252</p> 

PC0 : 192.168.0.2 255.255.255.0, GW: 192.168.0.1  
PC1 : 192.168.1.2 255.255.255.0, GW: 192.168.1.1

**3** | Konfigurasikan EIGRP Routing

Router0:

```
Router>ena
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 1
Router(config-router)#net 10.10.20.0
Router(config-router)#net 10.10.30.0
Router(config-router)#net 10.10.50.0
```

Router1:

```
Router>ena
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 1
Router(config-router)#net 10.10.10.0
Router(config-router)#net 10.10.20.0
Router(config-router)#net 192.168.0.0
```

Router2:

```
Router>ena
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 1
Router(config-router)#net 10.10.10.0
Router(config-router)#net 10.10.30.0
Router(config-router)#net 10.10.40.0
```

Router3:

```
Router>ena
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 1
Router(config-router)#net 10.10.40.0
Router(config-router)#net 10.10.50.0
Router(config-router)#net 192.168.1.0
```

**4**

| Cek Router Untuk Keberhasilan Routing, **show ip route**. Contoh: Router0

Gateway of last resort is not set

- 10.0.0.0/8 is variably subnetted, 8 subnets, 2 masks
- D 10.10.10.0/30 [90/3072] via 10.10.30.1, 00:14:47, GigabitEthernet0/0  
[90/3072] via 10.10.20.1, 00:14:46, GigabitEthernet0/2
- C 10.10.20.0/30 is directly connected, GigabitEthernet0/2
- L 10.10.20.2/32 is directly connected, GigabitEthernet0/2
- C 10.10.30.0/30 is directly connected, GigabitEthernet0/0
- L 10.10.30.2/32 is directly connected, GigabitEthernet0/0
- D 10.10.40.0/30 [90/3072] via 10.10.50.2, 00:14:47, GigabitEthernet0/1  
[90/3072] via 10.10.30.1, 00:14:47, GigabitEthernet0/0
- C 10.10.50.0/30 is directly connected, GigabitEthernet0/1
- L 10.10.50.1/32 is directly connected, GigabitEthernet0/1
- D 192.168.0.0/24 [90/5376] via 10.10.20.1, 00:14:46, GigabitEthernet0/2
- D 192.168.1.0/24 [90/5376] via 10.10.50.2, 00:14:47, GigabitEthernet0/1

5 Tes PING dari Ujung ke Ujung, dan Pastikan Sukses

	Successful	PC0	PC1	ICMP		0.000	N	0
	Successful	PC0	PC1	ICMP		0.000	N	1

6 | Selesai

# Praktikum 5

## Routing Campuran (EIGRP + Static)

NO	KETERANGAN
1	Buatlah Topologi dengan Packet Tracer sebagai berikut
2	Berikan IP kepada Router 2911 dan PC sebagai berikut <b>Router0:</b> GigabitEthernet0/0 - 10.10.10.1 255.255.255.252 GigabitEthernet0/2 - 192.168.1.1 255.255.255.0 - Gateway
	<b>Router1:</b> GigabitEthernet0/0 - 10.10.10.2 255.255.255.252 GigabitEthernet0/1 - 10.10.20.1 255.255.255.252 GigabitEthernet0/2 - 192.168.2.1 255.255.255.0 - Gateway
	<b>Router2:</b> GigabitEthernet0/1 - 10.10.20.2 255.255.255.252 GigabitEthernet0/2 - 192.168.3.1 255.255.255.0 - Gateway
3	Konfigurasikan EIGRP Routing <b>Router0:</b> Router#config t Router(config)#router eigrp 25

```
Router(config-router)#no auto  
Router(config-router)#net 10.10.10.0  
Router(config-router)#net 192.168.1.0  
Router(config-router)#{}
```

**Router1:**

```
Router#config t  
Enter configuration commands, one per line. End with CNTL/Z.
```

```
Router(config)#router eigrp 25  
Router(config-router)#no auto  
Router(config-router)#net 10.10.20.0  
Router(config-router)#net 192.168.2.0
```

4 | Konfigurasikan Static Routing

**Router1:**

```
ip route 192.168.3.0 255.255.255.0 10.10.20.2
```

**Router2:**

```
Router#config t  
Enter configuration commands, one per line. End with CNTL/Z.
```

```
Router(config)#ip route 192.168.1.0 255.255.255.0 10.10.20.1  
Router(config)#ip route 192.168.2.0 255.255.255.0 10.10.20.1  
Router(config)#ip route 10.10.10.0 255.255.255.0 10.10.20.1
```

5 | Konfigurasikan Redistribute di Router Tengah (Antara EIGRP dan Static)

**Router1:**

```
Router(config)#router eigrp 25  
Router(config-router)#redistri  
Router(config-router)#redistribute static
```

4 Cek Router Untuk Keberhasilan Routing, show ip route. Contoh: Router0  
ROUTER0:

```
10.0.0.0/8 is variably subnetted, 3 subnets, 2 masks  
C 10.10.10.0/30 is directly connected, GigabitEthernet0/0  
L 10.10.10.1/32 is directly connected, GigabitEthernet0/0  
D 10.10.20.0/30 [90/3072] via 10.10.10.2, 00:05:17, GigabitEthernet0/0  
    192.168.1.0/24 is variably subnetted, 2 subnets, 2 masks  
C 192.168.1.0/24 is directly connected, GigabitEthernet0/2  
L 192.168.1.1/32 is directly connected, GigabitEthernet0/2  
D 192.168.2.0/24 [90/5376] via 10.10.10.2, 00:05:14, GigabitEthernet0/0  
D EX 192.168.3.0/24 [170/5376] via 10.10.10.2, 00:01:03, GigabitEthernet0/0
```

ROUTER1:

- 10.0.0.0/8 is variably subnetted, 4 subnets, 2 masks
- C 10.10.10.0/30 is directly connected, GigabitEthernet0/0
- L 10.10.10.2/32 is directly connected, GigabitEthernet0/0
- C 10.10.20.0/30 is directly connected, GigabitEthernet0/1
- L 10.10.20.1/32 is directly connected, GigabitEthernet0/1
- D 192.168.1.0/24 [90/5376] via 10.10.10.1, 00:04:33, GigabitEthernet0/0  
192.168.2.0/24 is variably subnetted, 2 subnets, 2 masks
- C 192.168.2.0/24 is directly connected, GigabitEthernet0/2
- L 192.168.2.1/32 is directly connected, GigabitEthernet0/2
- S 192.168.3.0/24 [1/0] via 10.10.20.2

ROUTER2:

- 10.0.0.0/8 is variably subnetted, 3 subnets, 3 masks
- S 10.10.10.0/24 [1/0] via 10.10.20.1
- C 10.10.20.0/30 is directly connected, GigabitEthernet0/1
- L 10.10.20.2/32 is directly connected, GigabitEthernet0/1
- S 192.168.1.0/24 [1/0] via 10.10.20.1
- S 192.168.2.0/24 [1/0] via 10.10.20.1
- 192.168.3.0/24 is variably subnetted, 2 subnets, 2 masks
- C 192.168.3.0/24 is directly connected, GigabitEthernet0/2
- L 192.168.3.1/32 is directly connected, GigabitEthernet0/2

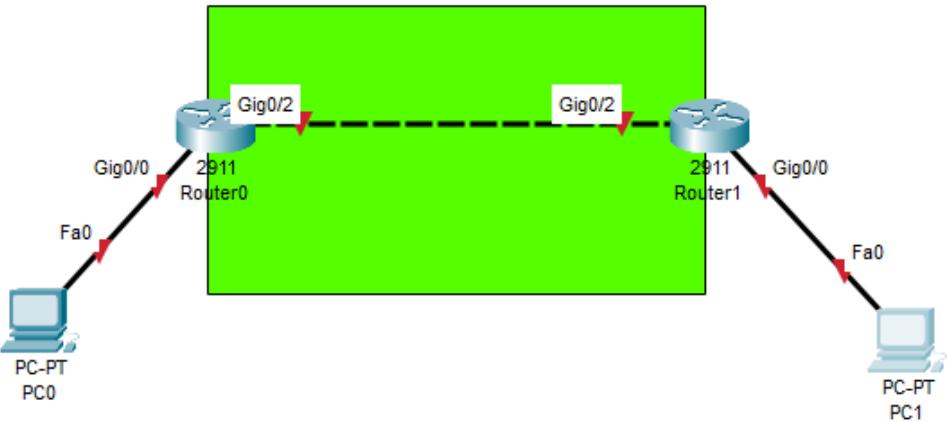
5 Tes PING dari Ujung ke Ujung, dan Pastikan Sukses

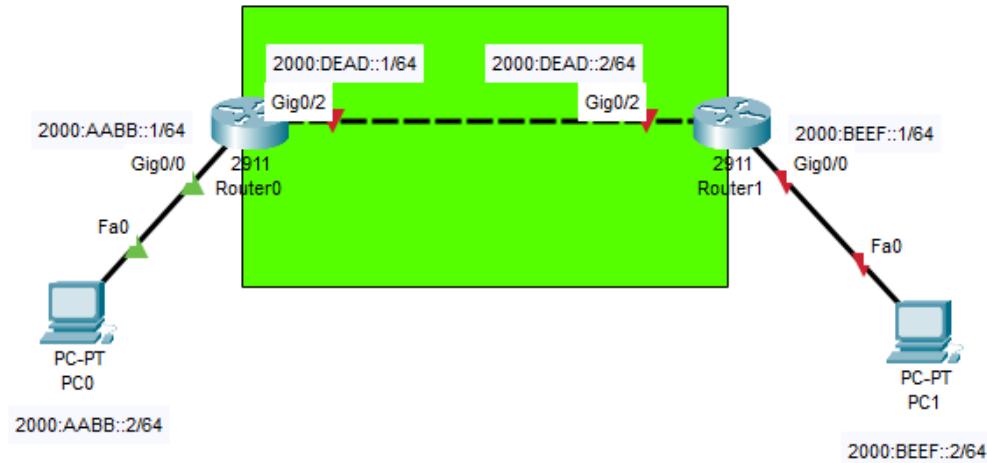
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	Successful	PC0	PC2	IC...	■	0.000	N	0	(e...)

6 | Selesai

# Praktikum 6

## Routing RIP New Generation (IPv6)

N O	KETERANGAN
1	Buatlah Topologi dengan Packet Tracer sebagai berikut
2	<p>Konfigurasikan IPv6 sebagai berikut:</p> <p><b>PC0 = 2000:AABB::2/64</b> <b>Router0 – Gig0/0 = 2000:AABB::2/64</b> <b>PC1 = 2000:BEEF::2/64</b> <b>Router1 – Gig0/0 = 2000:BEEF:1/64</b></p> <p><b>Router0 – Gig0/2 = 2000:DEAD::1/64</b> <b>Router1 – Gig0/2 = 2000:DEAD::2/64</b></p> 



### 3 Konfigurasi PC0

IPv6 Configuration	
<input type="radio"/> Automatic	<input checked="" type="radio"/> Static
IPv6 Address	2000:AABB::2 / 64
Link Local Address	FE80::201:42FF:FE79:2B42
Default Gateway	2000:AABB::1
DNS Server	
802.1X	

### 4 Konfigurasi PC1

IPv6 Configuration	
<input type="radio"/> Automatic	<input checked="" type="radio"/> Static
IPv6 Address	2000:BEEF::2 / 64
Link Local Address	FE80::201:63FF:FE79:3499
Default Gateway	2000:BEEF::1
DNS Server	
802.1X	

5 Buka Router0, masuk mode CLI, masukkan perintah-perintah berikut

**Router>enable**

**Router#config terminal**

**Router(config)#interface Gig0/0**

**Router(config-if)#ipv6 addr 2000:AABB::1/64**

**Router(config-if)#no shutdown**

**Router(config)#int gig0/2**

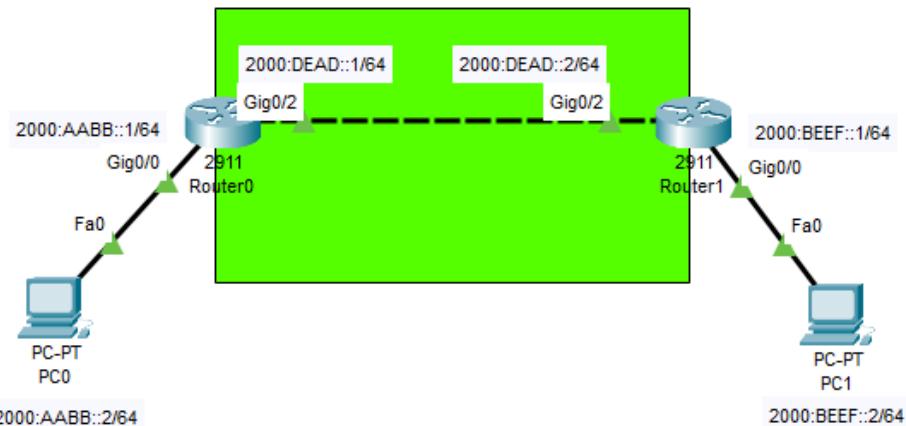
**Router(config-if)#ipv6 addr 2000:DEAD::1/64**

**Router(config-if)#no shutdown**

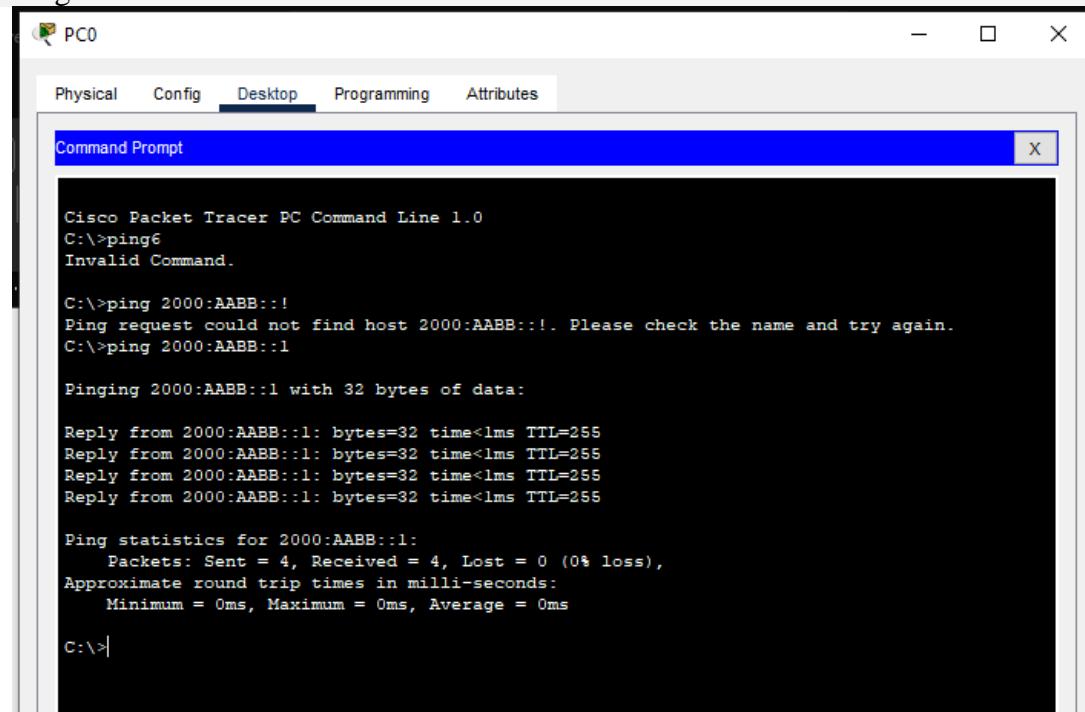
6 Buka Router1, masuk mode CLI, masukkan perintah-perintah berikut

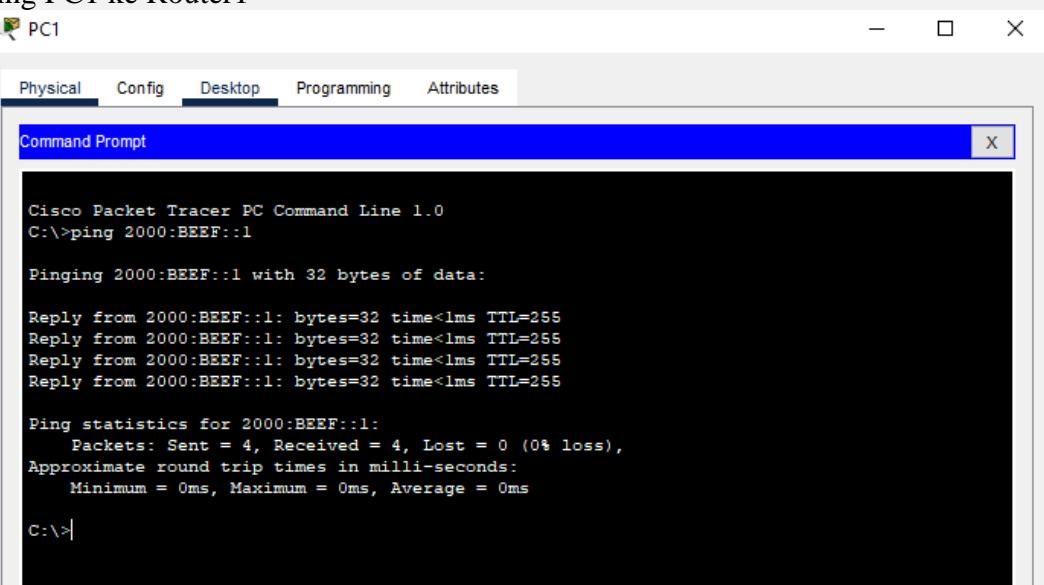
```
Router>enable  
Router#config terminal  
Router(config)#interface Gig0/0  
Router(config-if)#ipv6 addr 2000:BEEF::1/64  
Router(config-if)#no shutdown  
Router(config)#int gig0/2  
Router(config-if)#ipv6 addr 2000:DEAD::2/64  
Router(config-if)#no shutdown
```

7 Perangkat sudah aktif dan bisa dicek dengan PING manual



8 Ping PC0 ke Router0

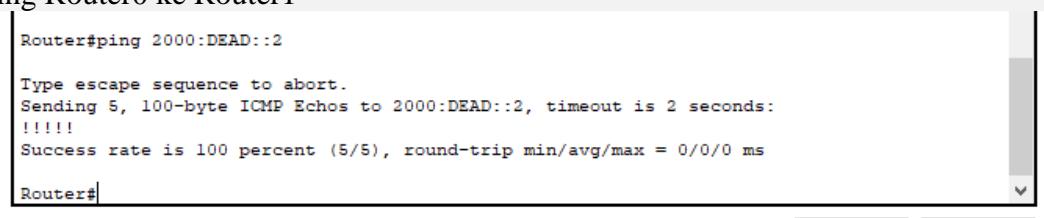


- 9 Ping PC1 ke Router1
- 
- ```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 2000:BEEF::1

Pinging 2000:BEEF::1 with 32 bytes of data:

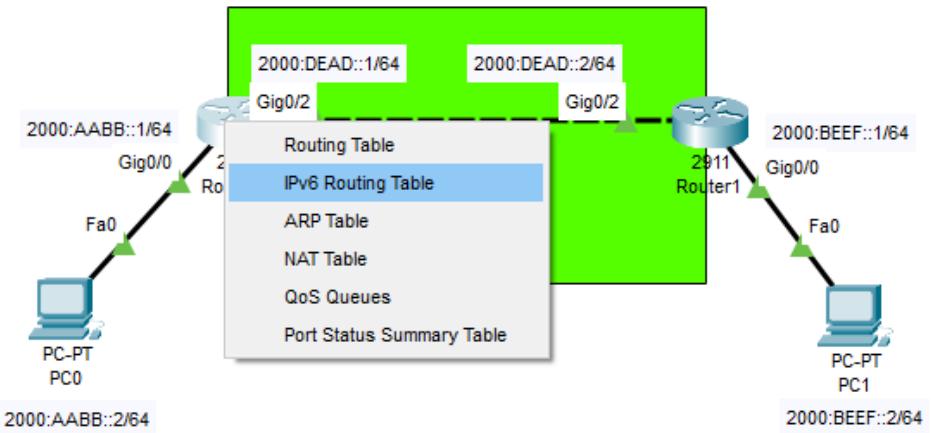
Reply from 2000:BEEF::1: bytes=32 time<1ms TTL=255

Ping statistics for 2000:BEEF::1:
    Packets: Sent = 4, Received = 4 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```
- 10 Ping Router0 ke Router1
- 
- ```
Router#ping 2000:DEAD::2

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 2000:DEAD::2, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms

Router#
```
- 11 Atur Routing ke RIPNG dari Router0 dan Router1. Gunakan perintah-perintah berikut
- ```
Router>enable
Router#config terminal
Router(config)# ipv6 unicast-routing
Router(config)#int gig0/0
Router(config-if)#ipv6 rip RIPNG enable
Router(config)#int gig0/2
Router(config-if)#ipv6 rip RIPNG enable
```
- 12 Cek apakah ruta sudah dibuat dengan LUP



- 13 Jika benar, maka **SEMUA IP** akan terdaftar di window tersebut

IPv6 Routing Table for Router0

| Type | Network          | Port               | Next Hop IP              | Metric |
|------|------------------|--------------------|--------------------------|--------|
| C    | 2000:AABB::/64   | GigabitEthernet0/0 | ---                      | 0/0    |
| L    | 2000:AABB::1/128 | GigabitEthernet0/0 | ---                      | 0/0    |
| R    | 2000:BEEF::/64   | GigabitEthernet0/2 | FE80::201:43FF:FE70:5203 | 120/2  |
| C    | 2000:DEAD::/64   | GigabitEthernet0/2 | ---                      | 0/0    |
| L    | 2000:DEAD::1/128 | GigabitEthernet0/2 | ---                      | 0/0    |
| L    | FF00::/8         | Null0              | ---                      | 0/0    |

- 14 Test PING ujung ke ujung. Alat PING di Toolbar tidak bisa dipakai, gunakan manual. PC0 ke PC1

```
C:\>ping 2000:BEEF::2

Pinging 2000:BEEF::2 with 32 bytes of data:

Reply from 2000:BEEF::2: bytes=32 time=10ms TTL=126
Reply from 2000:BEEF::2: bytes=32 time<1ms TTL=126
Reply from 2000:BEEF::2: bytes=32 time<1ms TTL=126
Reply from 2000:BEEF::2: bytes=32 time<1ms TTL=126

Ping statistics for 2000:BEEF::2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 10ms, Average = 2ms

C:\>|
```

Top

# Praktikum 7

## Redistribute EIGRP + OSPF Multi Area

| NO | KETERANGAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Buatlah topologi jaringan seperti berikut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2  | <p><b>Router : 2911</b><br/> <b>Switch : 2950-24</b></p> <p>Masukkan IP sesuai dengan Router dan Komputernya</p> <p><b>Router0 (Paling Kiri)</b></p> <ul style="list-style-type: none"> <li>&gt; Gig0/0 : 10.10.10.1 - 255.255.255.252</li> <li>&gt; Gig0/2 : 192.168.10.1 - 255.255.255.0</li> </ul> <p><b>Router1</b></p> <ul style="list-style-type: none"> <li>&gt; Gig0/0 : 10.10.10.2 - 255.255.255.252</li> <li>&gt; Gig0/1 : 20.20.20.1 - 255.255.255.252</li> <li>&gt; Gig0/2 : 192.168.20.1 - 255.255.255.0</li> </ul> <p><b>Router2</b></p> <ul style="list-style-type: none"> <li>&gt; Gig0/0 : 30.30.30.1 - 255.255.255.252</li> <li>&gt; Gig0/1 : 20.20.20.2 - 255.255.255.252</li> </ul> |

> 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**

| Fire | Last Status | Source  | Destination | Fire | Last Status | Source | Destination |
|------|-------------|---------|-------------|------|-------------|--------|-------------|
|      | Successful  | Router0 | Router1     |      | Successful  | PC0    | Router0     |
|      | Successful  | Router1 | Router2     |      | Successful  | PC1    | Router1     |
|      | Successful  | Router2 | Router3     |      | Successful  | PC2    | Router2     |

**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**

| Fire | Last Status | Source | Destination |
|------|-------------|--------|-------------|
|      | Successful  | PC0    | PC1         |

**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 menyimpan 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    |