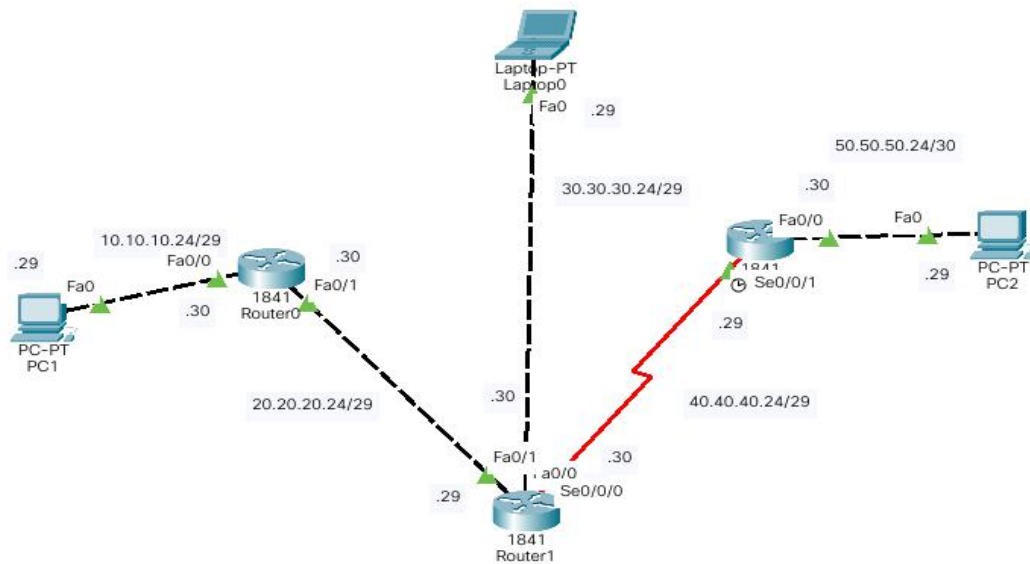


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Matkul : Jarkom 2  
Kelas : S1/TI/4/AM

### Topologi



### Konfigurasi

#### Router 0

```
interface FastEthernet0/0
ip address 10.10.10.30 255.255.255.248
duplex auto
speed auto
!
interface FastEthernet0/1
ip address 20.20.20.30 255.255.255.248
duplex auto
speed auto
!
interface Serial0/0/0
no ip address
clock rate 2000000
shutdown
!
interface Serial0/0/1
no ip address
clock rate 2000000
shutdown
```

```
!  
interface Vlan1  
no ip address  
shutdown  
!  
router eigrp 200  
network 10.10.10.0 0.0.0.255  
network 20.20.20.0 0.0.0.127  
network 10.10.10.24 0.0.0.7  
network 20.20.20.24 0.0.0.7  
auto-summary
```

#### **Router 1**

```
interface FastEthernet0/0  
ip address 30.30.30.30 255.255.255.248  
duplex auto  
speed auto  
!  
interface FastEthernet0/1  
ip address 20.20.20.29 255.255.255.248  
duplex auto  
speed auto  
!  
interface Serial0/0/0  
ip address 40.40.40.30 255.255.255.248  
!  
interface Serial0/0/1  
no ip address  
clock rate 2000000  
shutdown  
!  
interface Vlan1  
no ip address  
shutdown  
!  
router eigrp 200  
network 20.20.20.0 0.0.0.127  
network 30.30.30.0 0.0.0.255  
network 40.40.40.0 0.0.0.255  
network 20.20.20.24 0.0.0.7  
network 30.30.30.24 0.0.0.7  
network 40.40.40.24 0.0.0.7  
auto-summary
```

#### **Router 2**

```
interface FastEthernet0/0  
ip address 50.50.50.30 255.255.255.248  
duplex auto  
speed auto  
!
```

```

interface FastEthernet0/1
no ip address
duplex auto
speed auto
shutdown
!
interface Serial0/0/0
no ip address
clock rate 2000000
shutdown
!
interface Serial0/0/1
ip address 40.40.40.29 255.255.255.248
clock rate 2000000
!
interface Vlan1
no ip address
shutdown
!
router eigrp 200
network 50.50.50.24 0.0.0.7
network 40.40.40.24 0.0.0.7
auto-summary

```

### Table Routing

| Router 0   | Router 1   | Router 2   |
|--|--|--|
| <p>Gateway of last resort is not set</p> <p>10.0.0.0/8 is variably subnetted, 2 subnets, 2 masks</p> <p>D 10.0.0.0/8 is a summary, 00:01:21, Null0</p> <p>C 10.10.10.24/29 is directly connected, FastEthernet0/0</p> <p>20.0.0.0/8 is variably subnetted, 2 subnets, 2 masks</p> <p>D 20.0.0.0/8 is a summary, 00:01:21, Null0</p> <p>C 20.20.20.24/29 is directly connected, FastEthernet0/1</p> <p>D 30.0.0.0/8 [90/30720] via 20.20.20.29, 00:03:19, FastEthernet0/1</p> <p>D 40.0.0.0/8 [90/2172416] via 20.20.20.29, 00:03:14, FastEthernet0/1</p> <p>D 50.0.0.0/8 [90/2174976] via 20.20.20.29, 00:03:14, FastEthernet0/1</p> | <p>Gateway of last resort is not set</p> <p>D 10.0.0.0/8 [90/30720] via 20.20.20.30, 00:13:27, FastEthernet0/1</p> <p>20.0.0.0/8 is variably subnetted, 2 subnets, 2 masks</p> <p>D 20.0.0.0/8 is a summary, 00:32:00, Null0</p> <p>C 20.20.20.24/29 is directly connected, FastEthernet0/1</p> <p>30.0.0.0/8 is variably subnetted, 2 subnets, 2 masks</p> <p>D 30.0.0.0/8 is a summary, 00:32:00, Null0</p> <p>C 30.30.30.24/29 is directly connected, FastEthernet0/0</p> <p>40.0.0.0/8 is variably subnetted, 2 subnets, 2 masks</p> <p>D 40.0.0.0/8 is a summary, 00:30:40, Null0</p> <p>C 40.40.40.24/29 is directly connected, Serial0/0/0</p> <p>D 50.0.0.0/8 [90/2172416] via</p> | <p>Gateway of last resort is not set</p> <p>D 10.0.0.0/8 [90/2174976] via 40.40.40.30, 00:08:46, Serial0/0/1</p> <p>D 20.0.0.0/8 [90/2172416] via 40.40.40.30, 00:08:46, Serial0/0/1</p> <p>D 30.0.0.0/8 [90/2172416] via 40.40.40.30, 00:08:46, Serial0/0/1</p> <p>40.0.0.0/8 is variably subnetted, 2 subnets, 2 masks</p> <p>D 40.0.0.0/8 is a summary, 00:08:46, Null0</p> <p>C 40.40.40.24/29 is directly connected, Serial0/0/1</p> <p>50.0.0.0/8 is variably subnetted, 2 subnets, 2 masks</p> <p>D 50.0.0.0/8 is a summary, 00:08:46, Null0</p> <p>C 50.50.50.24/29 is directly connected, FastEthernet0/0</p> |

|  |                                       |  |
|--|---------------------------------------|--|
|  | 40.40.40.29, 00:09:13,<br>Serial0/0/0 |  |
|--|---------------------------------------|--|