LAPORAN PROYEK AKHIR PRAKTIKUM KONSEP JARINGAN



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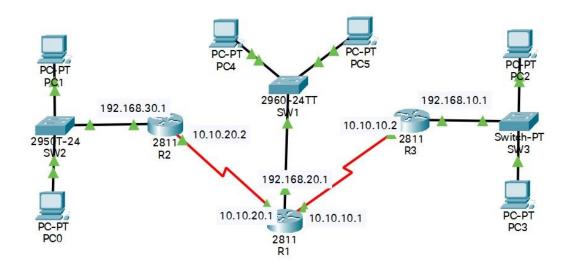
Kelas: 2/D4 Teknik Informatika A

NRP: 3122600009

Laporan Proyek Akhir

Praktikum Konsep Jaringan

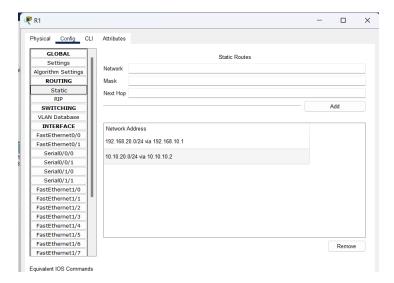
Soal 1

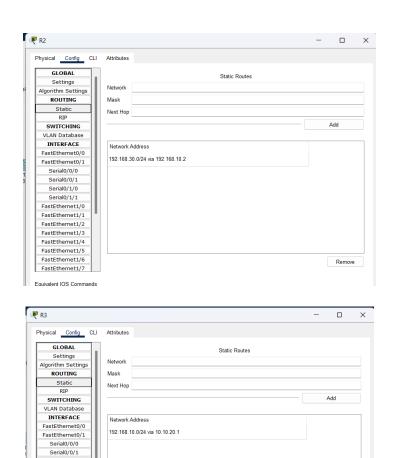


Konfigurasikan tabel routing pada R1, R2 dan R3 dengan menggunakan statik routing sehungga seluruh PC yang ada dapat terhubung dengan baik.

Jawaban:

Konfigurasi Router:





Remove

Ping antar device:

Serial0/1/0 Serial0/1/1 FastEthernet1/0 FastEthernet1/1 FastEthernet1/2 FastEthernet1/3 FastEthernet1/4

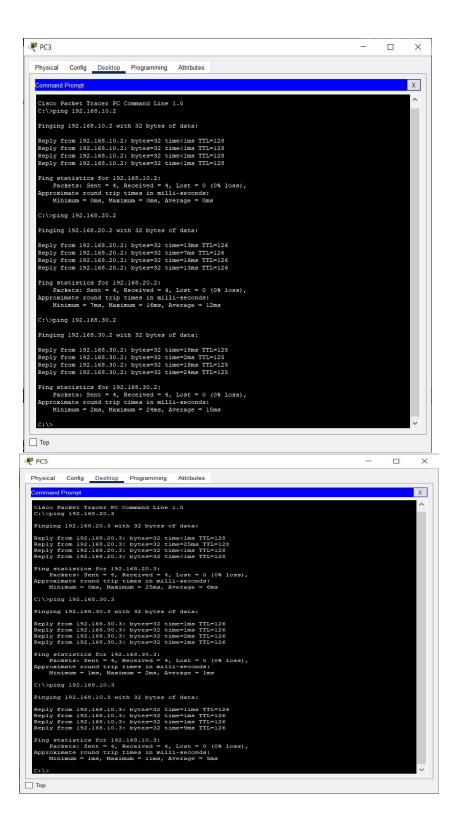
FastEthernet1/7

```
Physical Config Desktop Programming Attributes

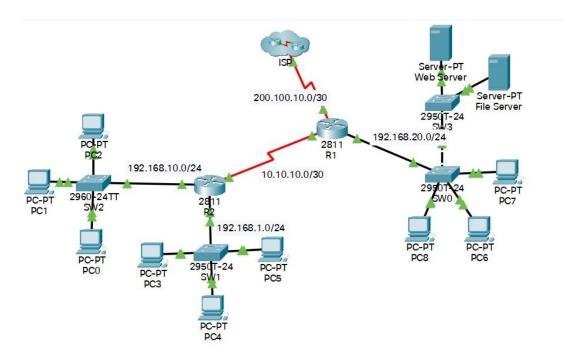
Command Prompt

Cisco Facket Tracer PC Command Line 1.0
Cityping 192.168.30.2 with 32 bytes of data:

Reply from 192.168.30.2 bytes=32 time<inm TTL=128
Reply from 192.168.30.2: bytes=32 time<inm TTL=128
Reply from 192.168.30.3: bytes=32 time<inm TTL=128
Reply from 192.168.30.3: bytes=32 time<inm TTL=128
Reply from 192.168.30.3: bytes=32 time<inm TTL=128
Reply from 192.168.20.3: bytes=32 time<inm TTL=128
Reply from 192.168.20.3 bytes=32 time=inm TTL=128
Reply from 192.168.20.3: bytes=32 time=inm TTL=128
Reply from 192.168.10.3: bytes=32 time=inms TTL=128
Reply from 192.168.20.30
Reply from 192.168.20.3
```



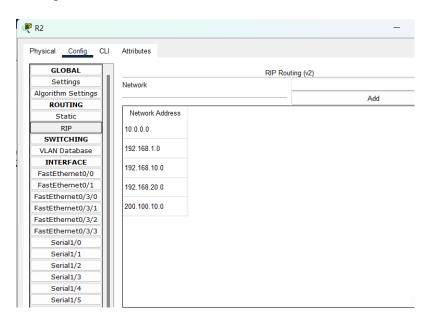
Soal 2

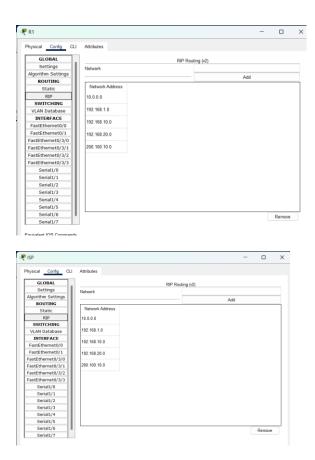


Kofigurasi tabel routing pada R1, R2 dan R3 dengan menggunakan RIP sehingga seluruh PC dapat terhubung ke ISP dengan baik.

Jawaban:

Konfigurasi Router:





Ping antar device:

```
Physical Config Desktop Programming Altributes

Command Prompt

Cisco Packet Tracer PC Command Line 1.0
Ci\ping 192.168.1.2 with 32 bytes of data:

Request timed out.
Reply from 192.168.1.2: bytes=32 time<ims TTL=127
Reply from 192.168.20.2 with 32 bytes of data:

Request timed out.
Reply from 192.168.20.2 bytes=32 time=15ms TTL=126
Reply from 192.168.20.2 bytes=32 time=16ms TTL=126
Reply from 102.100.10.0 bytes=32 time=16ms TTL=126
Reply from 10.10.10.1: bytes=32 time=16ms TTL=54
Reply from 10.10.10.1: b
```

```
Physical Config Desktop Programming Attributes

Command Prompt

Cisco Facket Tracer PC Command Line 1.0

Ci\ping 192.168.10.2 with 32 bytes of data:

Reply from 192.168.10.2 bytes=32 timeclas TIL=127

Reply from 192.168.10.2: bytes=32 timeclas TIL=127

Plang statistics for 192.168.10.2:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in mill1-seconds:

Minimum = Omas, Maximum = Omas, Average = Oms

C:\ping 192.168.20.2 with 32 bytes of data:

Reply from 192.168.20.2: bytes=32 time=14ms TIL=126

Reply from 192.168.20.2: bytes=32 time=16ms TIL=126

Reply from 192.168.20.2: bytes=32 time=1ms TIL=126

Reply from 192.160.10.10: bytes=32 time=1ms TIL=126

Reply from 10.10.10.10: bytes=32 time=1ms TIL=54

Reply from 10.10.10.10: bytes=32 time=32ms TIL=54

Reply from 10.10.10.10: bytes=32 time=32ms TIL=54

Reply from 10.10.10.1: bytes=32 time=2ms TIL=54

Reply from 10.10.10.1: bytes=32 time=2ms TIL=54

Reply from 10.10.10.1: bytes=32 time=2ms TIL=54

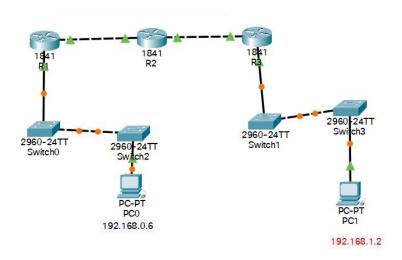
Plang statistics for 200.100.10.0:

Rackets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

Minimum = 2ms, Maximum = 32ms, Average = 16ms

C:\>
```

Soal 3

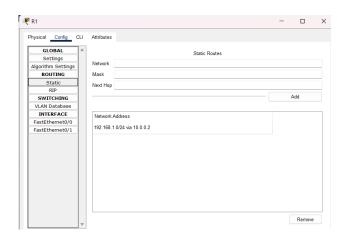


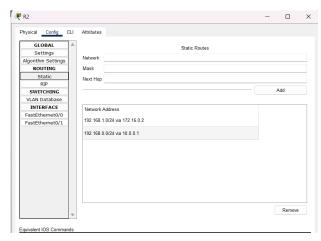
Permasalahan yang harus di selesaikan: PC0 tidak bisa ping ke PC 1!

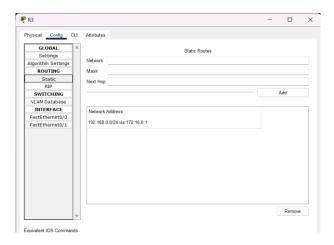
Jawaban:

Di sini saya akan menyelesaikan permasalahannya menggunakan Static Routing.

Konfigurasi Router:







Ping antar device:

