

**Laporan UAS
“Praktikum Konsep Jaringan”**

**Diajukan Untuk Memenuhi Tugas Mata Kuliah
“ Praktikum Konsep Jaringan “
Dosen Pengampu: Dr. Ferry Astika Saputra ST, M.Sc.**



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SOAL 2 - ROUTING RIP ISP

Config Router 1:

The screenshot shows the configuration window for Router R1. The 'Config' tab is active, and the 'ROUTING' section is expanded, with 'RIP' selected. The 'RIP Routing (v2)' configuration area is visible, showing a list of network addresses.

| Network Address |
|-----------------|
| 10.0.0.0 |
| 192.168.1.0 |
| 192.168.10.0 |
| 192.168.20.0 |
| 200.100.10.0 |

Config Router 2:

The screenshot shows the configuration window for Router R2. The 'Config' tab is active, and the 'ROUTING' section is expanded, with 'RIP' selected. The 'RIP Routing (v2)' configuration area is visible, showing a list of network addresses.

| Network Address |
|-----------------|
| 10.0.0.0 |
| 192.168.1.0 |
| 192.168.10.0 |
| 192.168.20.0 |
| 200.100.10.0 |

Config Router ISP:

The screenshot shows the configuration window for the ISP router. The 'Config' tab is active, and the 'ROUTING' section is expanded, with 'RIP' selected. The 'RIP Routing (v2)' configuration area is visible, showing a list of network addresses.

| Network Address |
|-----------------|
| 10.0.0.0 |
| 192.168.1.0 |
| 192.168.10.0 |
| 192.168.20.0 |
| 200.100.10.0 |

Bukti Konektivitas:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 200.100.10.0

Pinging 200.100.10.0 with 32 bytes of data:

Reply from 10.10.10.1: bytes=32 time=1ms TTL=254
Reply from 10.10.10.1: bytes=32 time=18ms TTL=254
Reply from 10.10.10.1: bytes=32 time=1ms TTL=254
Reply from 10.10.10.1: bytes=32 time=2ms TTL=254

Ping statistics for 200.100.10.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 18ms, Average = 5ms
```

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 200.100.10.0

Pinging 200.100.10.0 with 32 bytes of data:

Reply from 10.10.10.1: bytes=32 time=1ms TTL=254
Reply from 10.10.10.1: bytes=32 time=20ms TTL=254
Reply from 10.10.10.1: bytes=32 time=10ms TTL=254
Reply from 10.10.10.1: bytes=32 time=1ms TTL=254

Ping statistics for 200.100.10.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 20ms, Average = 8ms
```

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 200.100.10.0

Pinging 200.100.10.0 with 32 bytes of data:

Reply from 192.168.20.1: bytes=32 time<1ms TTL=255
Reply from 192.168.20.1: bytes=32 time<1ms TTL=255
Reply from 192.168.20.1: bytes=32 time<1ms TTL=255
Reply from 192.168.20.1: bytes=32 time<1ms TTL=255

Ping statistics for 200.100.10.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```