LAPORAN PRAKTIKUM JARINGAN KOMPUTER DAN KOMUNIKASI DATA

MODUL KE 5. SUBNETTING DAN ROUTING

Disusun oleh:

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PROGRAM STUDI SISTEM INFORMASI

FAKULTAS TEKNOLOGI INFORMASI DAN BISNIS

INSTITUT TEKNOLOGI TELKOM SURABAYA

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Laporan Praktikum 5. Subnetting dan Routing.

IP Address :

IP PC0 (192.168.1.4)

IP PC1 (192.168.2.6)

IP PC2 (192.168.3.8)

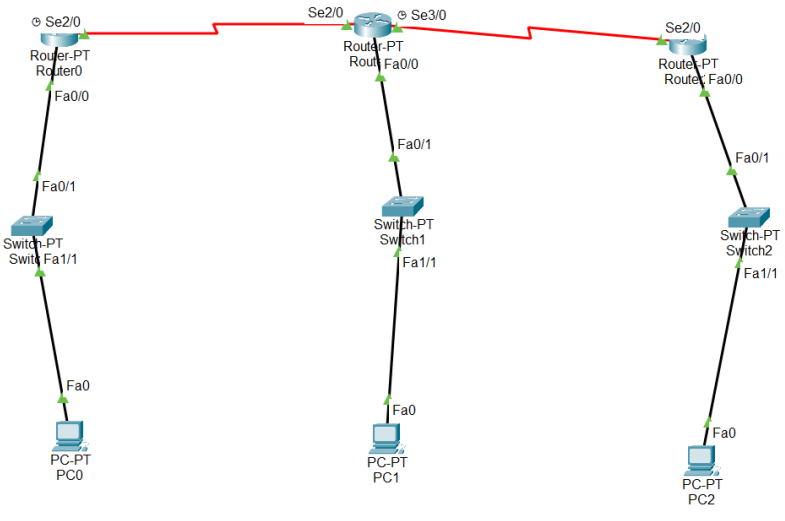
Blok subnet mask : 256 – 252 = 4 subnet

(0,4,8,16,20,24,28,32,36,40,44,48,52,...,248,252)

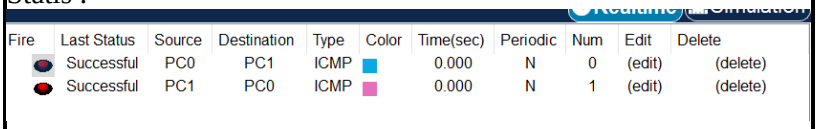
Tabel Subnetting pada IP Address

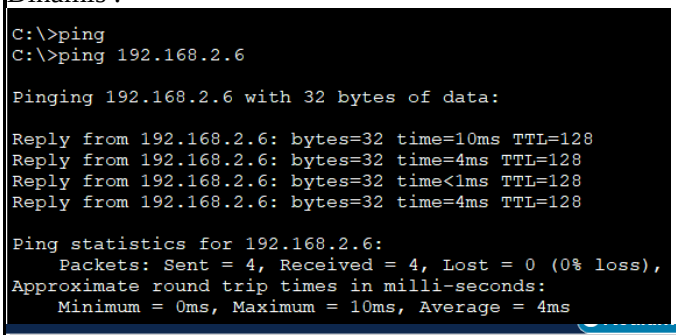
IP Network	192.168.1.0	192.168.4.0	…	192.168.248.0	192.168.252.0
IP Awal	192.168.1.1	192.168.4.1	…	192.168.248.1	192.168.252.1
IP Akhir	192.168.1.254	192.168.4.254	…	192.168.248.254	192.168.252.254
Broadcast	192.168.1.255	192.168.4.255	…	192.168.248.255	192.168.252.255

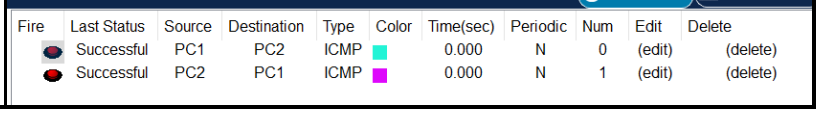
Masukkan capture layar dari praktikum yang telah dilakukan.

Deskripsi	Screenshot
Topologi*	

<table>
<tr><td>Konfigurasi Routing Statis</td><td>Router 0
IPv4 Address : 192.168.1.1
Subnet Mask : 255.255.255.0
Network static : 192.168.2.0/24 via 10.10.10.2</td><td>Router 1
IPv4 Address : 192.168.2.1
Subnet Mask : 255.255.255.0
Serial2/0 : 10.10.10.2
Serial3/0 : 20.20.20.1
Subnet mask : 255.0.0.0
Network Static : 192.168.1.0/24 via 10.10.10.1</td></tr>
<tr><td>Konfigurasi Routing Dinamis</td><td>Router 1
IPv4 Address : 192.168.2.1
Subnet Mask : 255.255.255.0
Serial2/0 : 10.10.10.2
Serial3/0 : 20.20.20.1
Subnet mask : 255.0.0.0
Network Static : 192.168.1.0/24 via 10.10.10.1
RIP
Network Address : 20.0.0.0 , 192.168.2.0</td><td>Router 2
IPv4 Address : 192.168.3.1
Subnet Mask : 255.255.255.0
Serial2/0 : 20.20.20.2
Subnet mask : 255.0.0.0

RIP
Network Address : 20.0.0.0, 192.168.3.0</td></tr>
<tr><td>PING / Status Pengiriman Paket</td><td colspan="2">Statis :
 

Dinamis :
 

 
</td></tr>
</table>

***Keterangan :**

1. **Berikan note untuk IP Address yang digunakan pada Screenshot topologi**
2. **Screenshot pastikan jelas dan tidak buram**