**JARKOM B**

**TUGAS 4**

**MUHAMMAD IRFAN AMRULLAH / 1706039585**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No. | IP Subnet  (x.x.x.x) | Mask  (/xx) | Jumlah Blok | Jumlah Host | IP Host  Awal | IP Host  Akhir | IP Broadcast |
| 1 | 255.255.255.192 | /26 | 64 | 40 | 10.100.20.1 | 10.100.20.62 | 10.100.20.63 |
| 2 | 255.255.255.224 | /27 | 32 | 30 | 10.100.20.65 | 10.100.20.94 | 10.100.20.95 |
| 3 | 255.255.255.240 | /28 | 16 | 10 | 10.100.20.97 | 10.100.20.110 | 10.100.20.111 |
| 4 | 255.255.255.240 | /28 | 16 | 8 | 10.100.20.113 | 10.100.20.126 | 10.100.20.127 |
| 5 | 255.255.255.248 | /29 | 8 | 5 | 10.100.20.129 | 10.100.20.134 | 10.100.20.135 |
| 6 | 255.255.255.248 | /29 | 8 | 4 | 10.100.20.137 | 10.100.20.142 | 10.100.20.143 |
| 7 | 255.255.255.252 | /30 | 4 | 2 | 10.100.20.145 | 10.100.20.146 | 10.100.20.147 |
| 8 | 255.255.255.252 | /30 | 4 | 2 | 10.100.20.149 | 10.100.20.150 | 10.100.20.151 |
| 9 | 255.255.255.252 | /30 | 4 | 2 | 10.100.20.153 | 10.100.20.154 | 10.100.20.155 |

1. Keuangan: 10
2. Pemasaran: 40
3. Produksi: 30
4. Teknologi Informasi: 8
5. Sumber Daya Manusia: 5
6. Gudang: 4
7. Router Gudang+Produksi ke Router SDM+IT
8. Router SDM+IT ke Router Pemasaran+Keuangan
9. Router Pemasaran+Keungan ke Router Gudang+Produksi