**Internet dan Aplikasinya**

**TUGAS 5 : Antar Network**

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**PROGRAM STUDI INFORMATIKA**

**FAKULTAS SAINS DAN TEKNOLOGI**

**UNIVERSITAS SANATA DHARMA**

**YOGYAKARTA**

**2022**

**Praktikum Internet dan Aplikasinya**

**TUGAS 5: Membuat Koneksi Antar Jaringan**

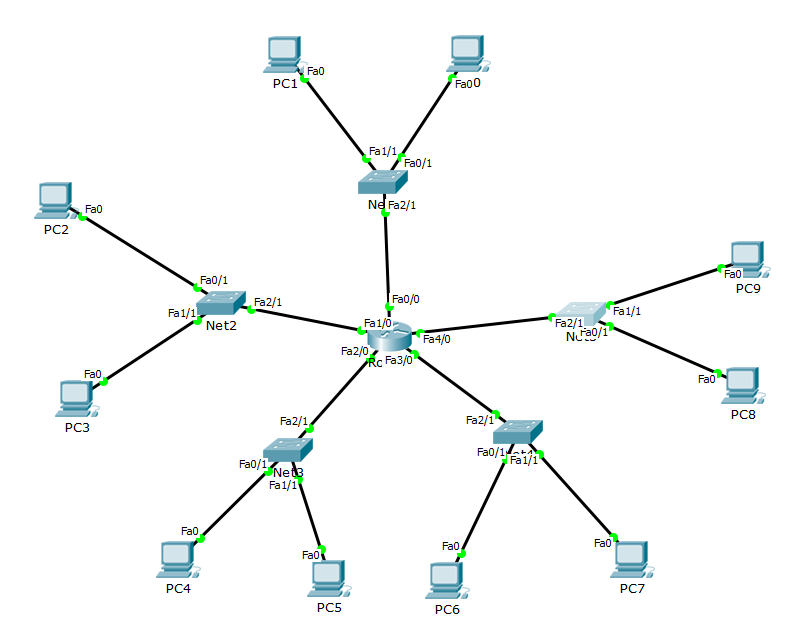
**Tujuan**

Mahasiswa dapat mensetup Komputer agar bisa terkoneksi dengan jaringan yang lebih luas (lewat default gateway). Pada modul ini juga mulai diterapkan IP Address dengan prefiks / masking yang lebih beragam.

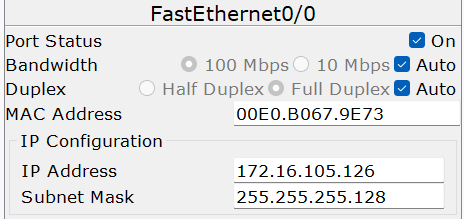
**Lengkapi Tabel Berikut**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Network No. | Prefiks | Masking | Broadcast | IP Eff. | IP Router | PC ke 1 | PC ke 2 |
| 1 | 172.16.105.0 | / 25 | 255.255.255.128 | 172.16.105.127 | 126 | 172.16.105.126 | 172.16.105.1 | 172.16.105.2 |
| 2 | 172.17.105.128 | / 26 | 255.255.255.192 | 172.17.105.191 | 62 | 172.17.105.190 | 172.17.105.129 | 172.17.105.130 |
| 3 | 172.18.105.48 | / 28 | 255.255.255.240 | 172.18.105.63 | 14 | 172.18.105.62 | 172.18.105.49 | 172.18.105.50 |
| 4 | 172.19.105.64 | / 26 | 255.255.255.192 | 172.19.105.127 | 62 | 172.19.105.126 | 172.19.105.65 | 172.19.105.66 |
| 5 | 172.20. 105.16 | / 28 | 255.255.255.240 | 172.20.105.31 | 14 | 172.20.105.30 | 172.20.105.17 | 172.20.105.18 |
| 6\*) | 172.21.1.0 | / 24 | 255.255.255.0 | 172.21.1.255 | 254 | 172.21.1.254 | 172.21.1.1 | 172.21.1.253 |

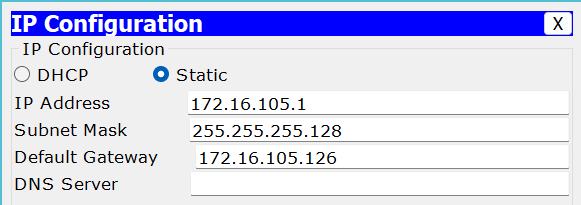
1. **Screenshot Topologi**

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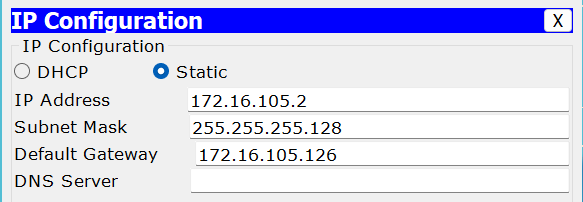
1. **Screenshot Langkah Langkah (Konfigurasi IP semua device)**

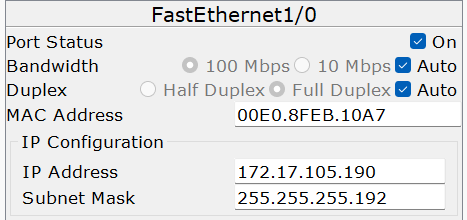
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* **PC0**

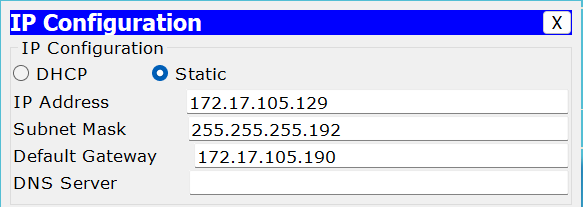
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* **PC1**

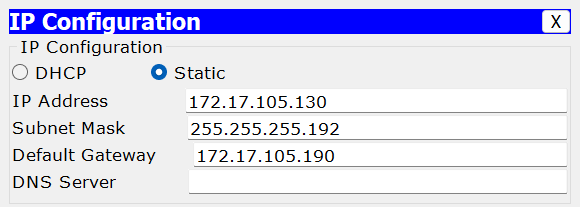
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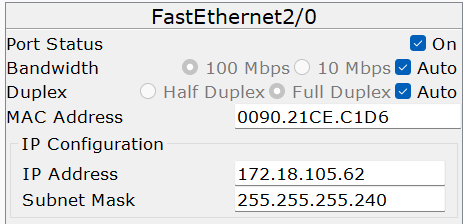
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* **PC2**

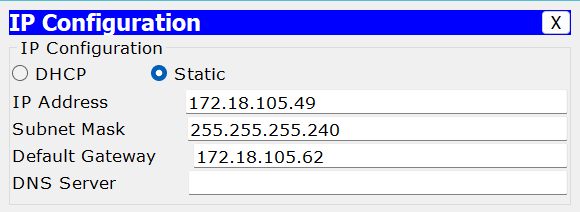
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* **PC3**

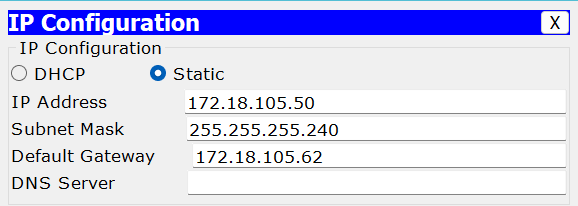
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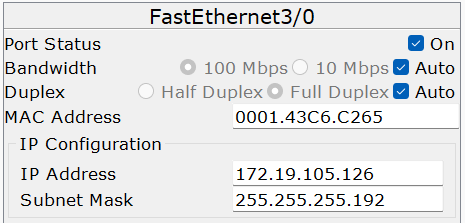
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* **PC4**

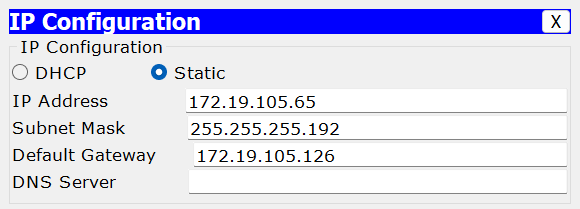
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* **PC5**

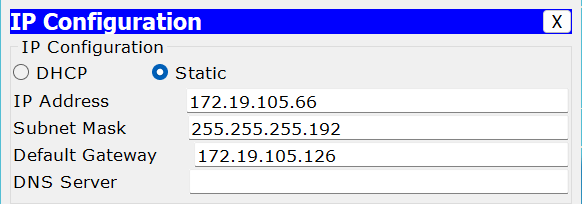
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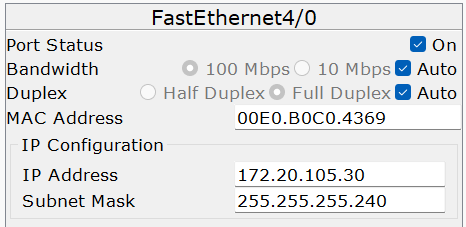
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* **PC6**

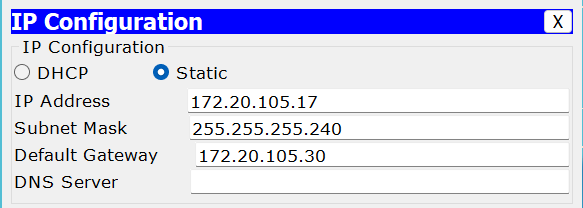
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* **PC7**

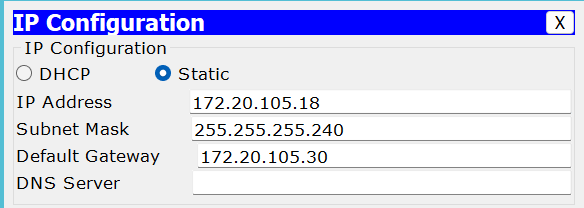
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* **PC8**

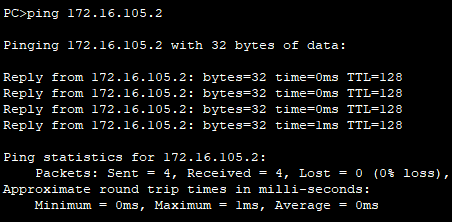
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* **PC9**

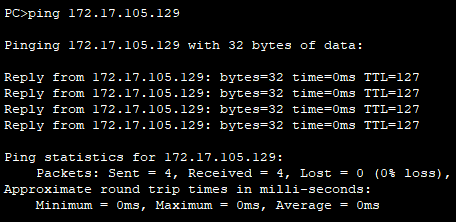
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1. **Screenshot ping PC1 ke seluruh PC**

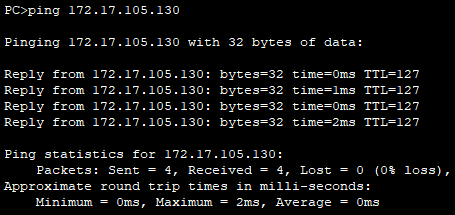
* **PC0 KE PC1**

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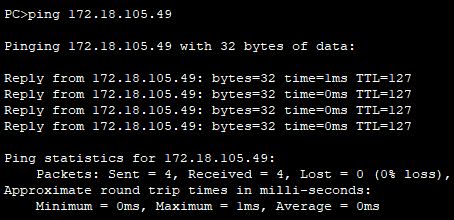
* **PC0 KE PC2**

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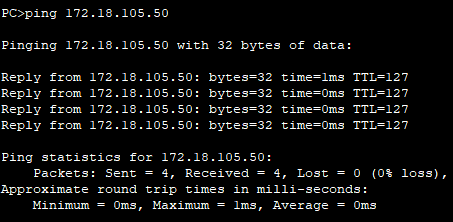
* **PC0 KE PC3**

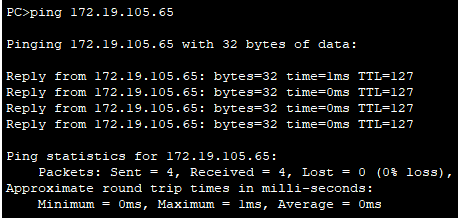
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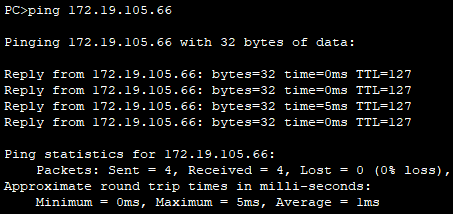
* **PC0 KE PC4**

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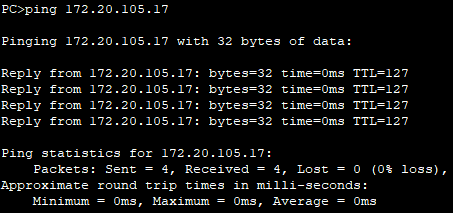
* **PC0 KE PC5**

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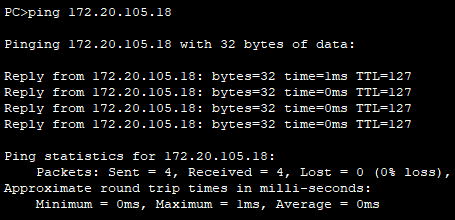
* **PC0 KE PC6**
* 
* **PC0 KE PC7**

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* **PC0 KE PC8**

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* **PC0 KE PC9**

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