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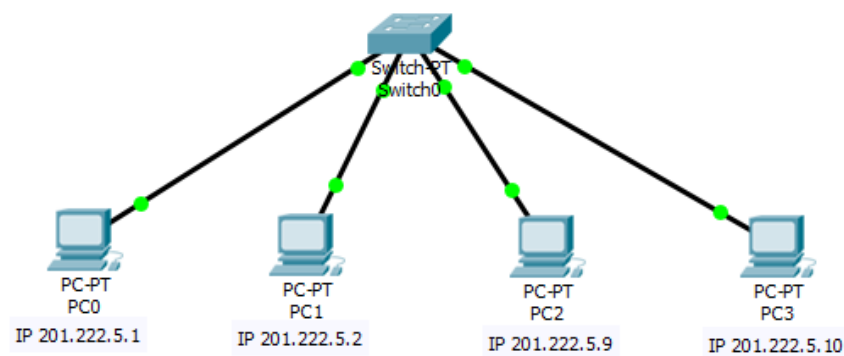
Kelas : D

Modul : III

Kegiatan Praktikum Modul III

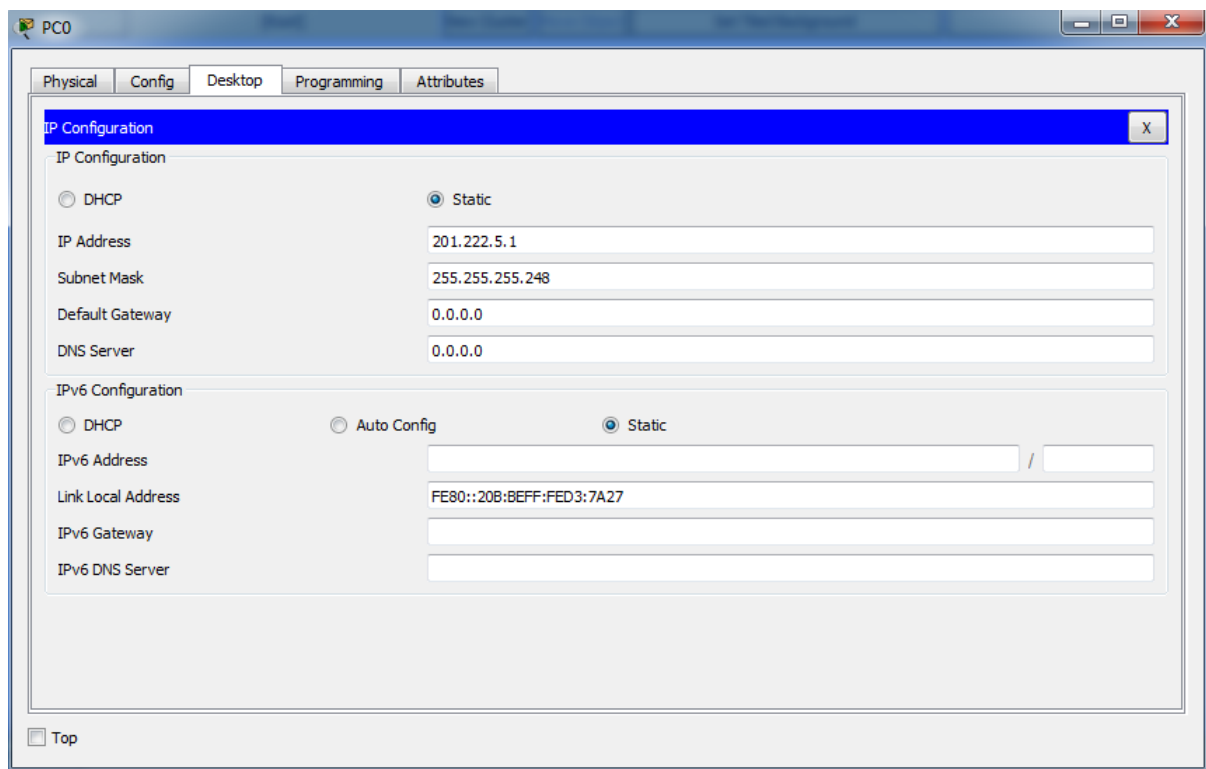
Kegiatan 1. Desain dan konfigurasi Subnetting

Ada 4 (empat) unit komputer yang terhubung melalui switch. [PC0] dan [PC1] berada pada subnet address 1 (201.222.5.0) sedangkan [PC2] dan [PC3] berada pada subnet address 2 (201.222.5.8).



Pengaturan alamat IP pada masing-masing [PC] sebagai berikut :

[PC0]



[PC1]

The screenshot shows the configuration window for PC1. The 'Config' tab is selected. The 'IP Configuration' section has 'Static' selected, with IP Address 201.222.5.2, Subnet Mask 255.255.255.248, Default Gateway 0.0.0.0, and DNS Server 0.0.0.0. The 'IPv6 Configuration' section has 'Static' selected, with IPv6 Address (empty), Link Local Address FE80::260:47FF:FE97:B6A5, IPv6 Gateway (empty), and IPv6 DNS Server (empty). A 'Top' button is at the bottom left.

IP Configuration	
<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IP Address	201.222.5.2
Subnet Mask	255.255.255.248
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration		
<input type="radio"/> DHCP	<input type="radio"/> Auto Config	<input checked="" type="radio"/> Static
IPv6 Address		
Link Local Address	FE80::260:47FF:FE97:B6A5	
IPv6 Gateway		
IPv6 DNS Server		

☐ Top

[PC2]

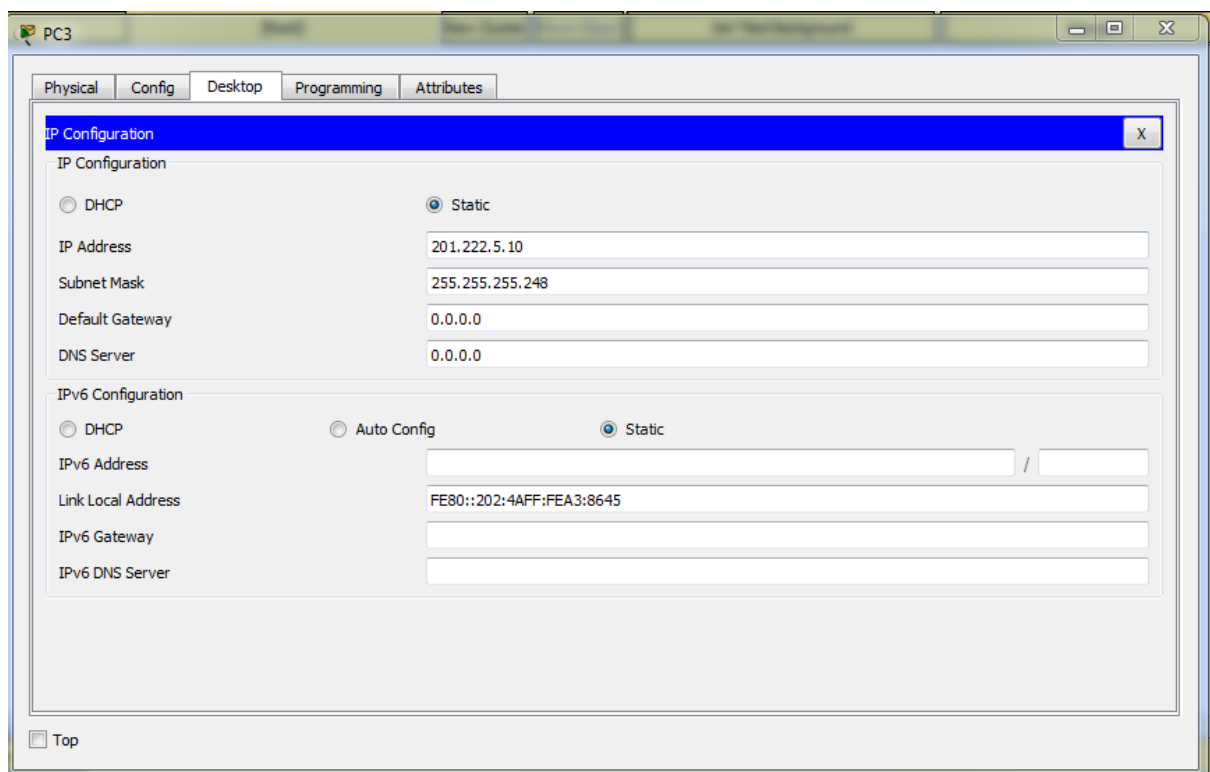
The screenshot shows the configuration window for PC2. The 'Config' tab is selected. The 'IP Configuration' section has 'Static' selected, with IP Address 201.222.5.9, Subnet Mask 255.255.255.248, Default Gateway 0.0.0.0, and DNS Server 0.0.0.0. The 'IPv6 Configuration' section has 'Static' selected, with IPv6 Address (empty), Link Local Address FE80::290:21FF:FE59:B33A, IPv6 Gateway (empty), and IPv6 DNS Server (empty). A 'Top' button is at the bottom left.

IP Configuration	
<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IP Address	201.222.5.9
Subnet Mask	255.255.255.248
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration		
<input type="radio"/> DHCP	<input type="radio"/> Auto Config	<input checked="" type="radio"/> Static
IPv6 Address		
Link Local Address	FE80::290:21FF:FE59:B33A	
IPv6 Gateway		
IPv6 DNS Server		

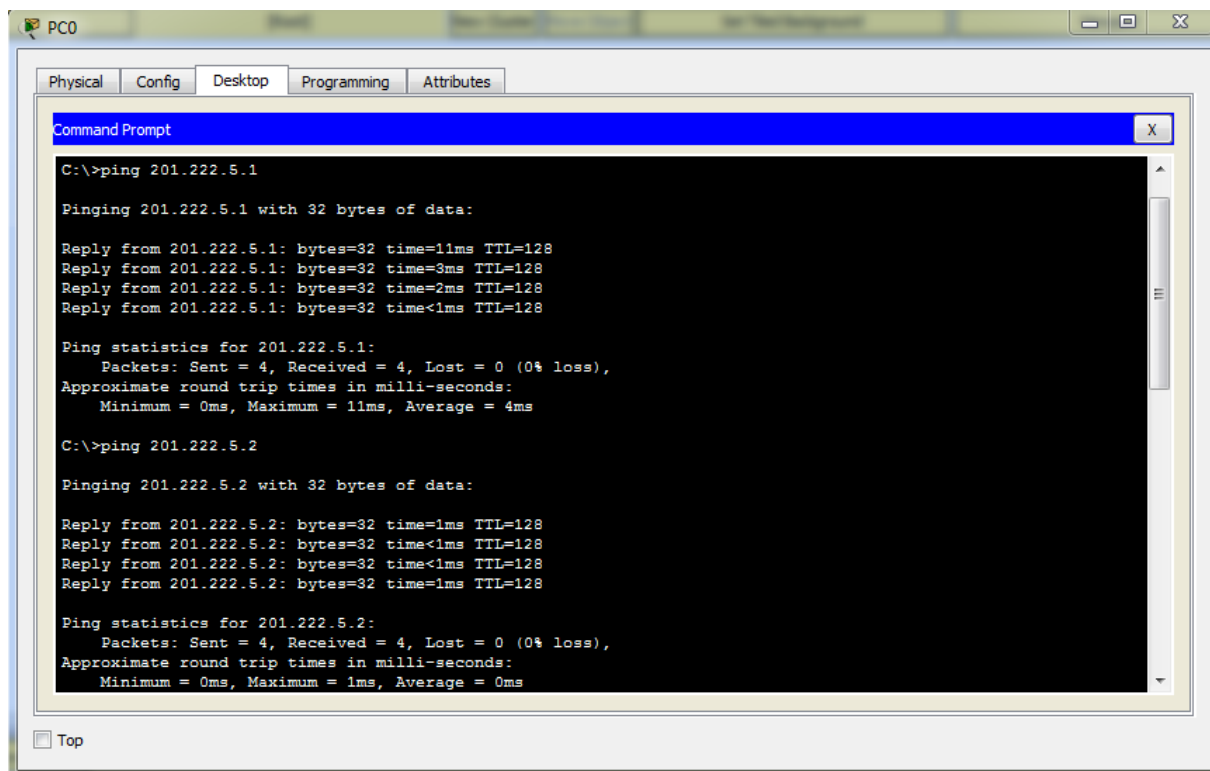
☐ Top

[PC3]

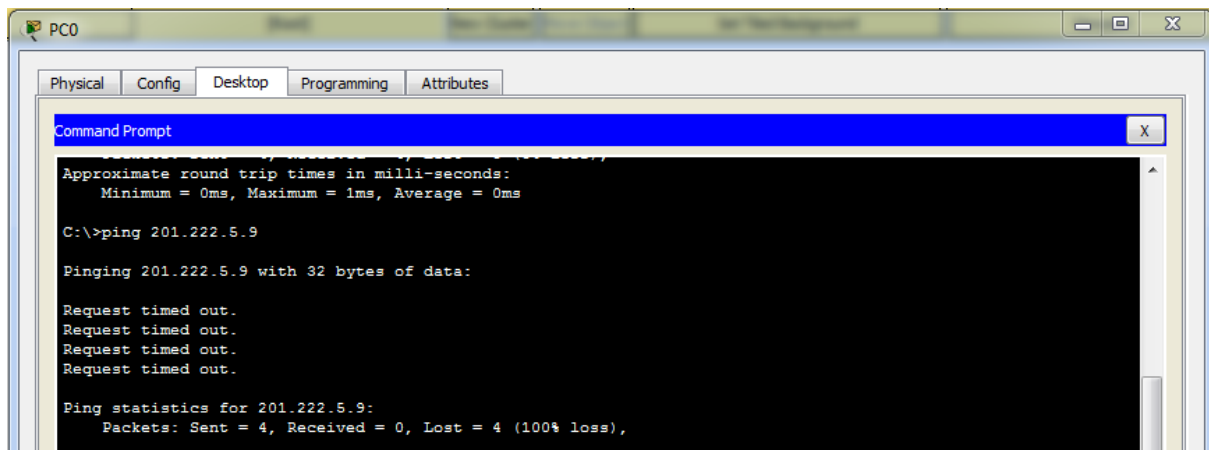


Setelah itu melakukan uji koneksi antar [PC]

[PC0] dengan [PC1]



[PC0] dengan [PC2]



```
PC0
Physical Config Desktop Programming Attributes
Command Prompt
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

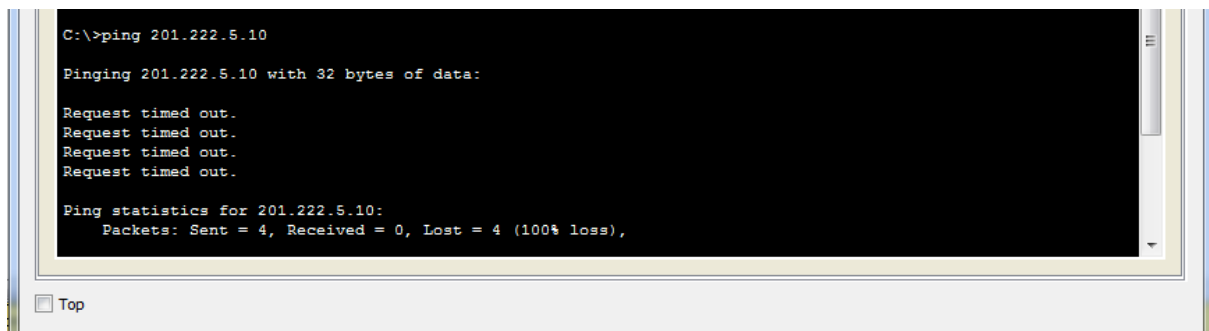
C:\>ping 201.222.5.9

Pinging 201.222.5.9 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 201.222.5.9:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

[PC0] dengan [PC3]



```
C:\>ping 201.222.5.10

Pinging 201.222.5.10 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 201.222.5.10:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```