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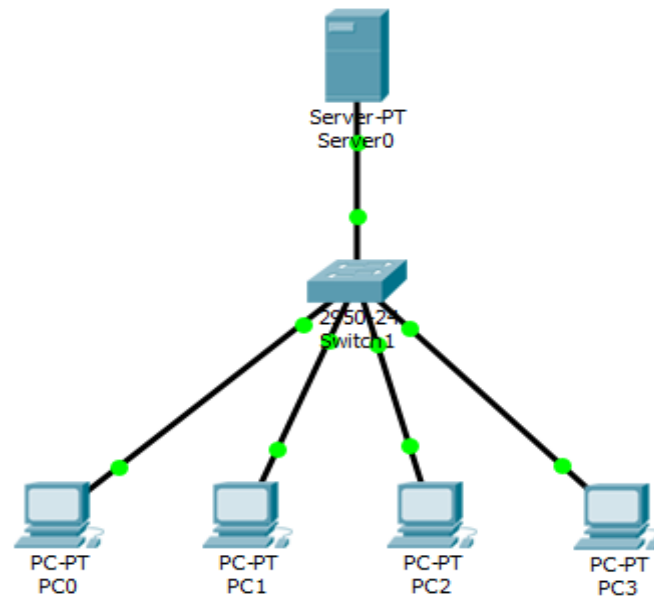
NIM : L200170084

Kelas : B

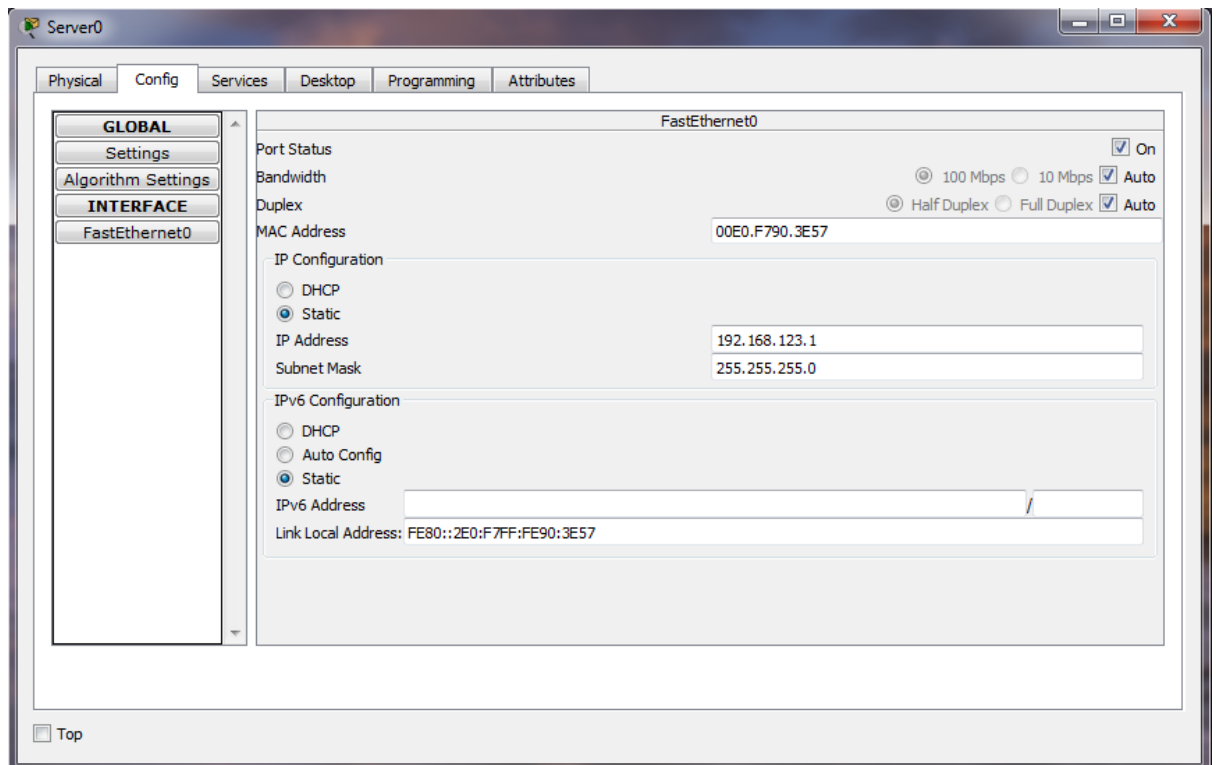
## MODUL05

### Praktikum 1

1. Persiapkan simulasi server DHCP seperti berikut :



2. Isikan IP Address server 192.168.123.1 subnet mask 255.255.255.0



3. Pastikan service DHCP On. Pada start ip address 192.168.123.19, dan maximum number of users = 5.

The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. The 'DHCP' service is configured for the 'FastEthernet0' interface. The 'Service' is set to 'On'. The 'Pool Name' is 'serverPool'. The 'Default Gateway' is '0.0.0.0'. The 'DNS Server' is '0.0.0.0'. The 'Start IP Address' is '192.168.123.19'. The 'Subnet Mask' is '255.255.255.0'. The 'Maximum Number of Users' is '5'. The 'TFTP Server' is '0.0.0.0'. The 'WLC Address' is '0.0.0.0'. There are 'Add', 'Save', and 'Remove' buttons. Below the form is a table showing the DHCP pool configuration.

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.123.0	255.255.255.0	255	0.0.0.0	0.0.0.0

4. Konfigurasi pada sisi client. Pilih DHCP, setelah konfigurasi selesai cek IP pada pc tersebut

The screenshot shows the 'PC0' configuration window with the 'Config' tab selected. The 'IP Configuration' section is expanded, showing 'DHCP' selected. The 'IP Address' is '192.168.123.19'. The 'Subnet Mask' is '255.255.255.0'. The 'Default Gateway' is '0.0.0.0'. The 'DNS Server' is '0.0.0.0'. The 'IPv6 Configuration' section is also expanded, showing 'Static' selected. The 'IPv6 Address' is empty. The 'Link Local Address' is 'FE80::201:43FF:FEA2:A3B0'. The 'IPv6 Gateway' is empty. The 'IPv6 DNS Server' is empty. A message 'DHCP request successful.' is displayed.

5. Ping semua PC yang terhubung dengan server

```
Packet Tracer SERVER Command Line 1.0
C:\>ping 192.168.123.19

Pinging 192.168.123.19 with 32 bytes of data:

Reply from 192.168.123.19: bytes=32 time<1ms TTL=128
Reply from 192.168.123.19: bytes=32 time=2ms TTL=128
Reply from 192.168.123.19: bytes=32 time<1ms TTL=128
Reply from 192.168.123.19: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.19:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 2ms, Average = 0ms

C:\>ping 192.168.123.20

Pinging 192.168.123.20 with 32 bytes of data:

Reply from 192.168.123.20: bytes=32 time=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time<1ms TTL=128
Reply from 192.168.123.20: bytes=32 time<1ms TTL=128
Reply from 192.168.123.20: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

```
C:\>ping 192.168.123.21

Pinging 192.168.123.21 with 32 bytes of data:

Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.123.22

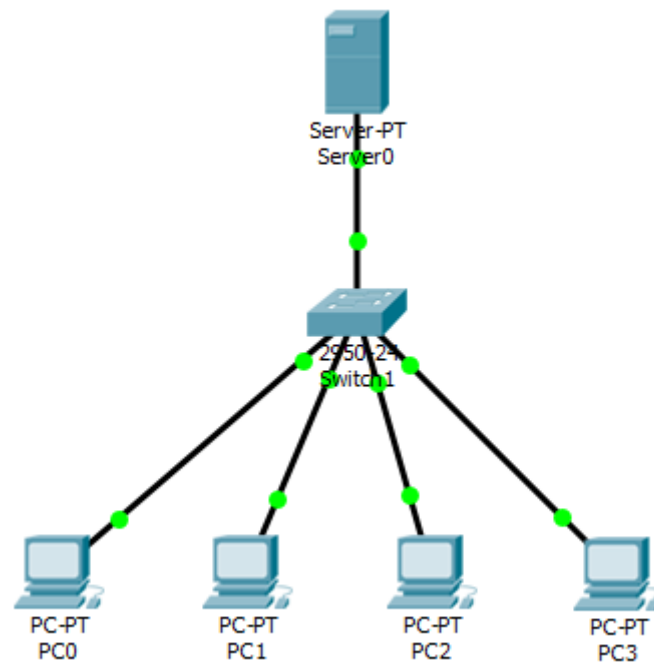
Pinging 192.168.123.22 with 32 bytes of data:

Reply from 192.168.123.22: bytes=32 time<1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128

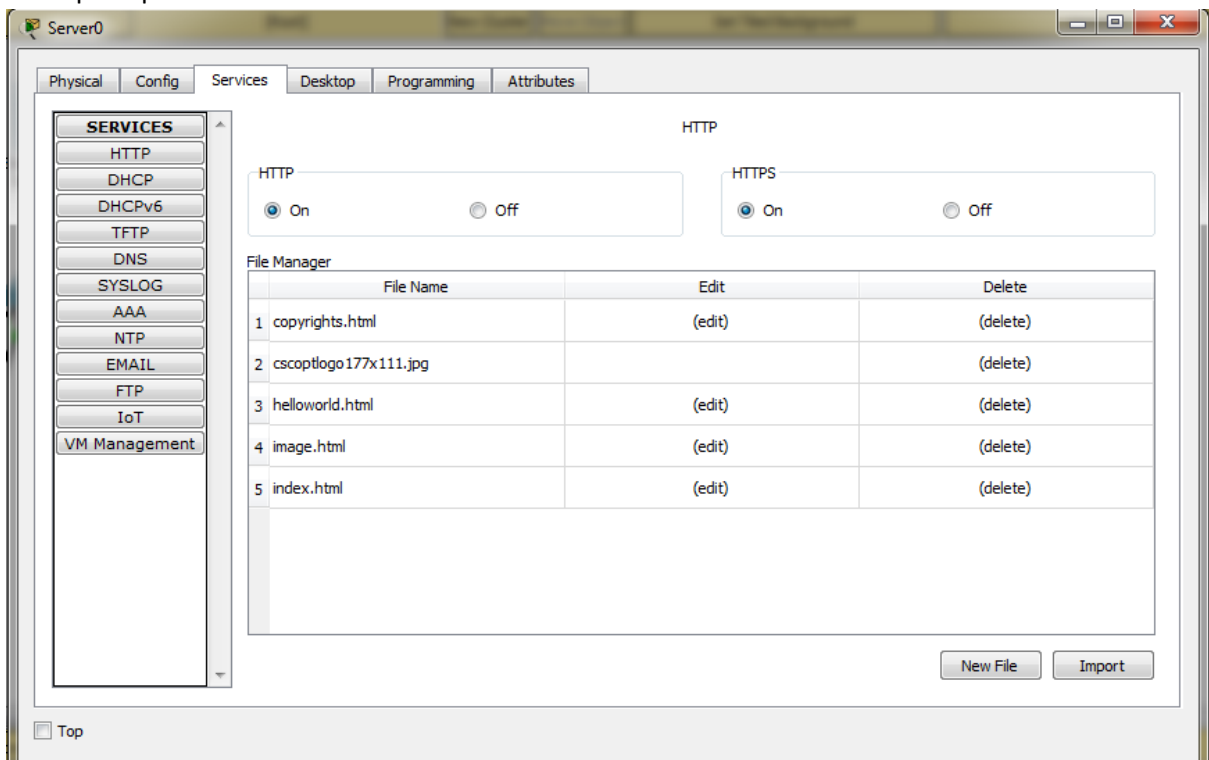
Ping statistics for 192.168.123.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>|
```

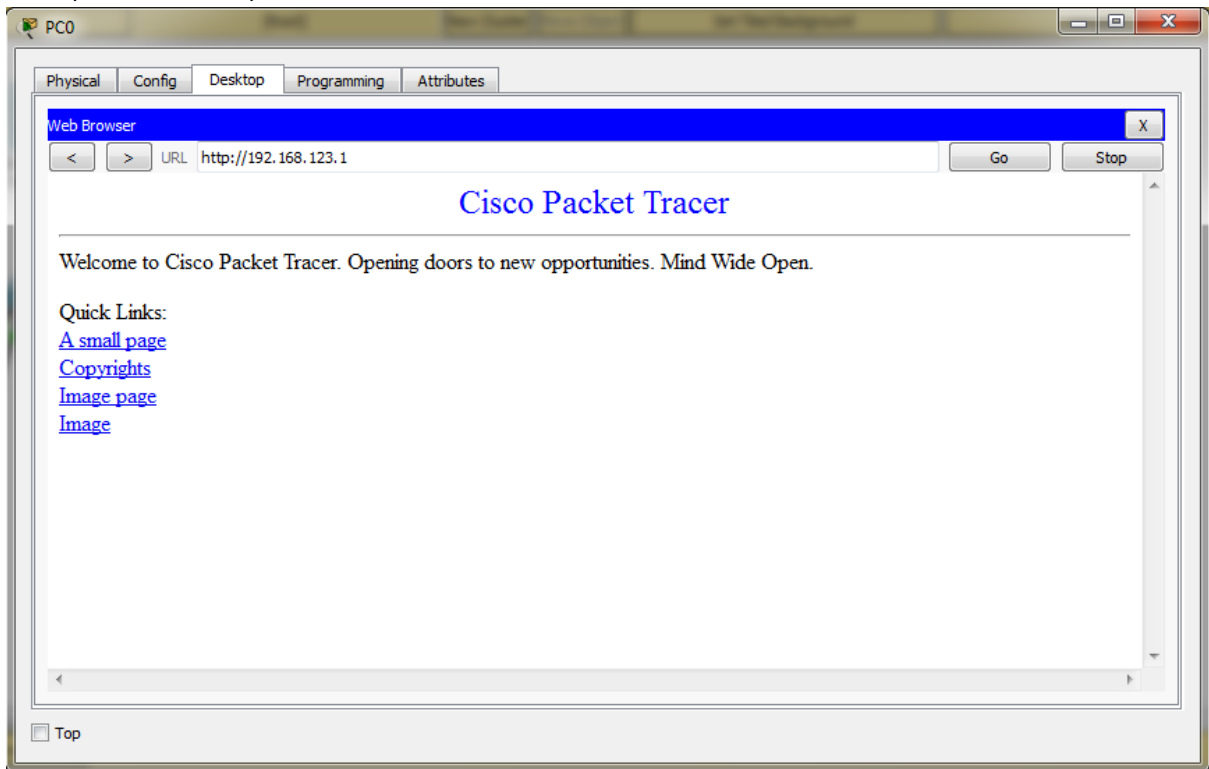
## Praktikum 2



1. Klik double-klik Server0, pilih Config. Pilih Service, kemudian HTTP. Pastikan radio button service HTTP pada pilihan ON

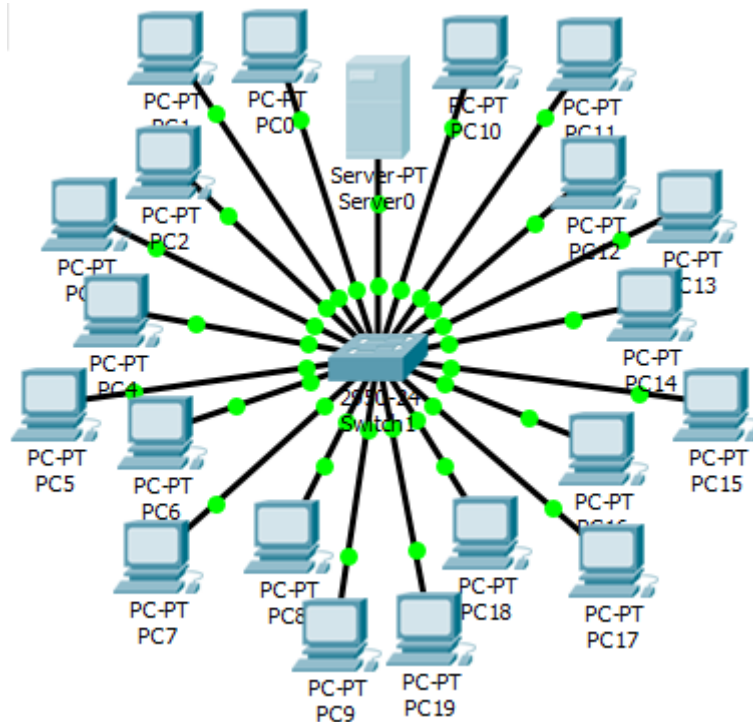


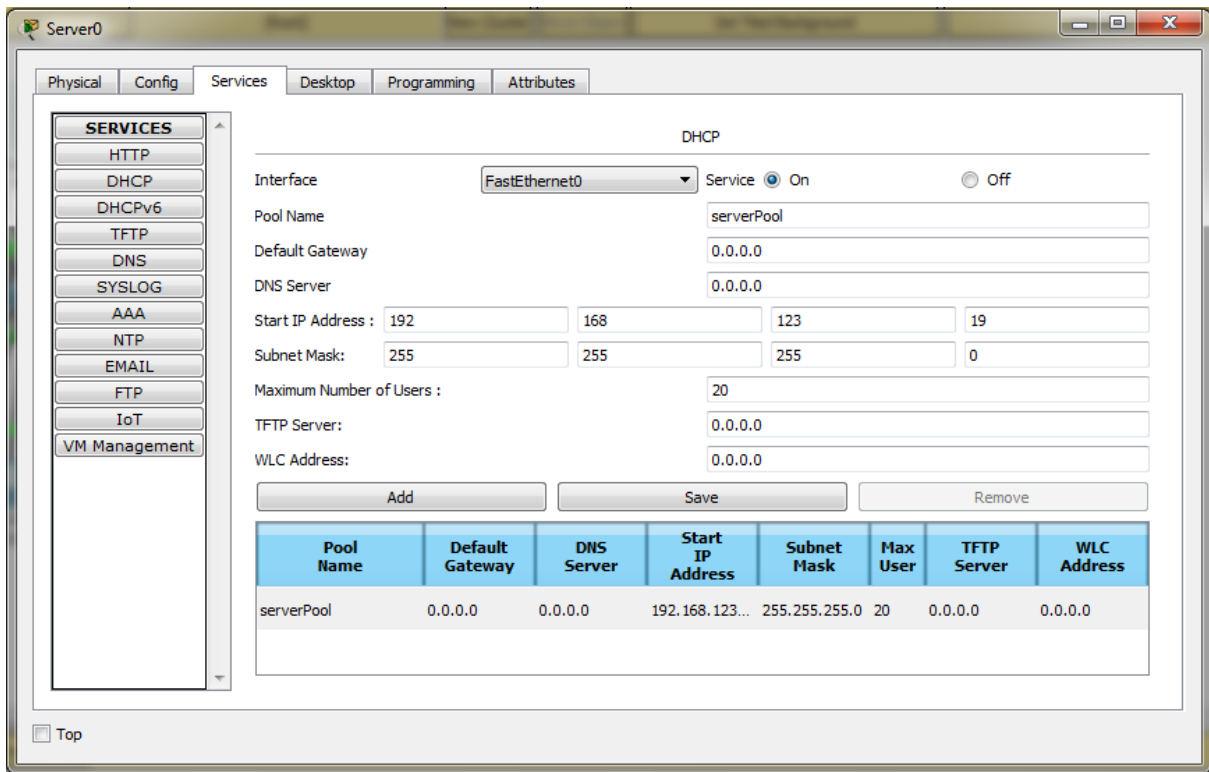
2. Double-klik PC0, pilih tab Desktop, pilih Web Browser. Ketikkan IP address Server HTTP(192.168.123.1) di field URL



### Tugas

1. Membuat DHCP Server dengan Packet Tracer dengan client terdiri dari 20 pc





2. Buatlah web server pada packet tracer. Dengan mengubah nama tampilan pada web tersebut

