

MODUL 5 PRAKTIKUM JARINGAN KOMPUTER

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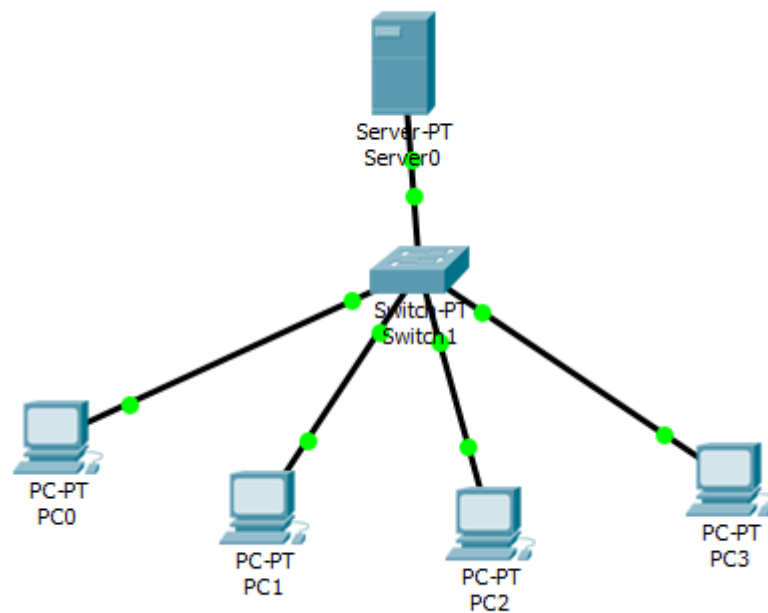
NIM : L200170148

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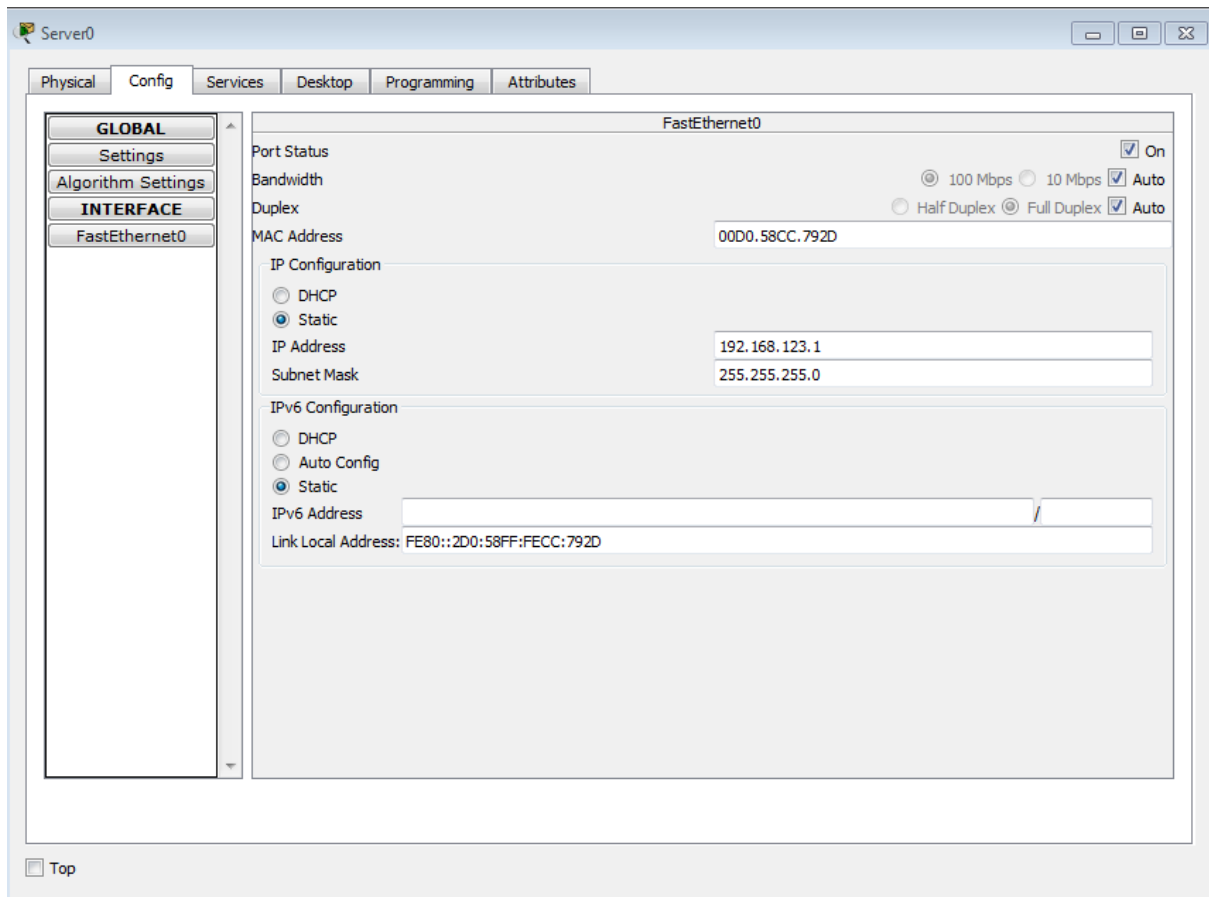
Modul : 5

Kegiatan Praktikum 1 Membuat DHCP SERVER

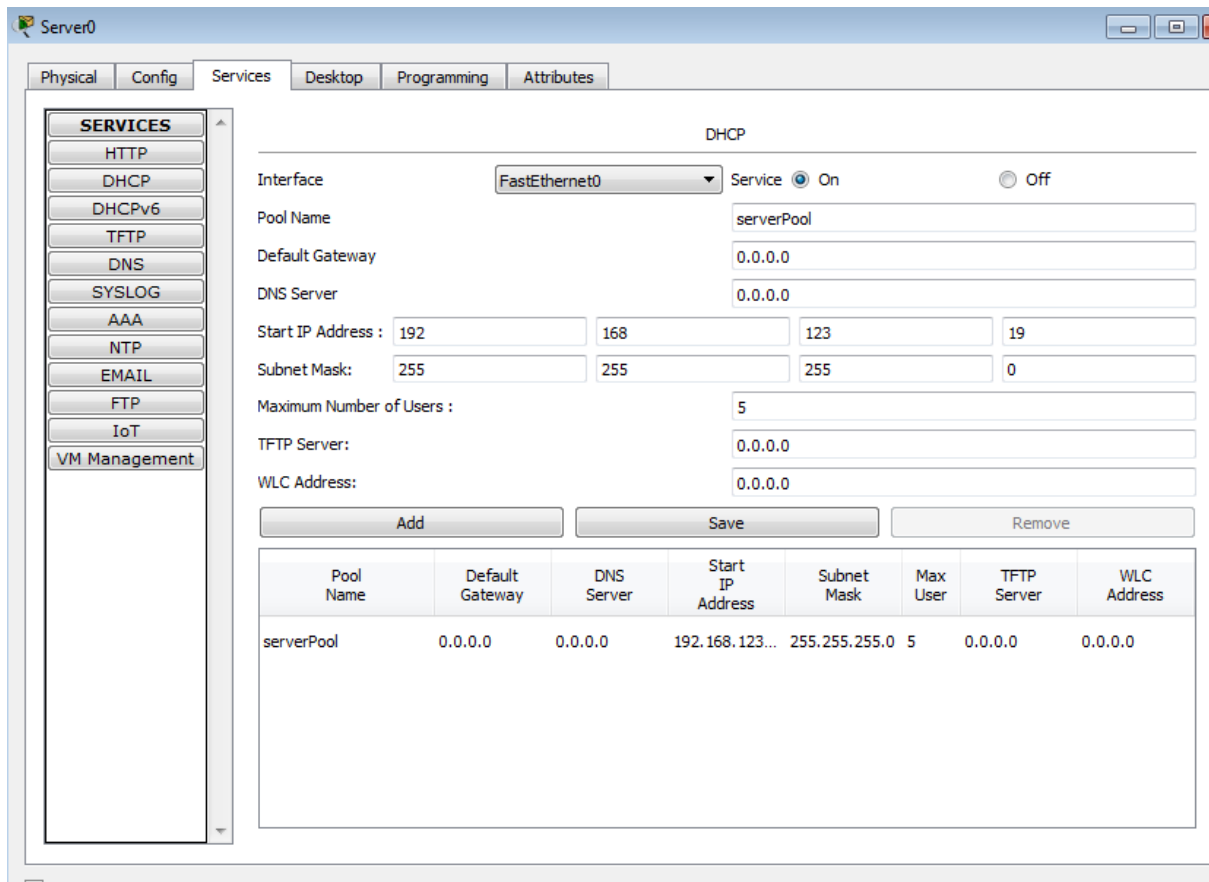
Merancang DHCP Server



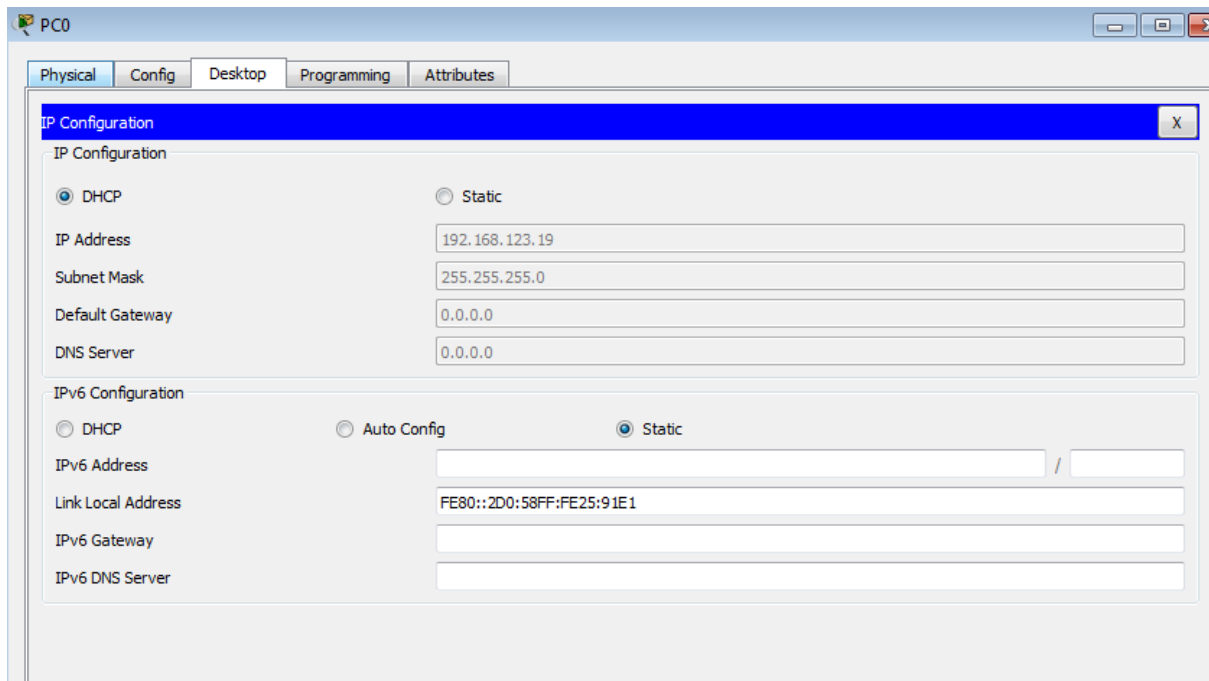
Setting IP address server 192.168.123.1 dan subnet mask 255.255.255.0



Konfigurasi DHCP Server. Mengisikan 192.168.123.19 pada start IP Address dan maximum member of user= 5. Hal ini berarti setiap host yang request IP pada DHCP server akan mendapatkan IP Address mulai dari range 192.168.123.19-192.168.123.23.



Mengkonfigurasi IP Client dengan DHCP



Ping ke semua PC yang ada

Ping ke PC dengan IP address 192.168.123.20

```
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 ke PC dengan IP address 192.168.123.21

```
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 ke PC dengan IP address 192.168.123.22

```
C:\>ping 192.168.123.22

Pinging 192.168.123.22 with 32 bytes of data:

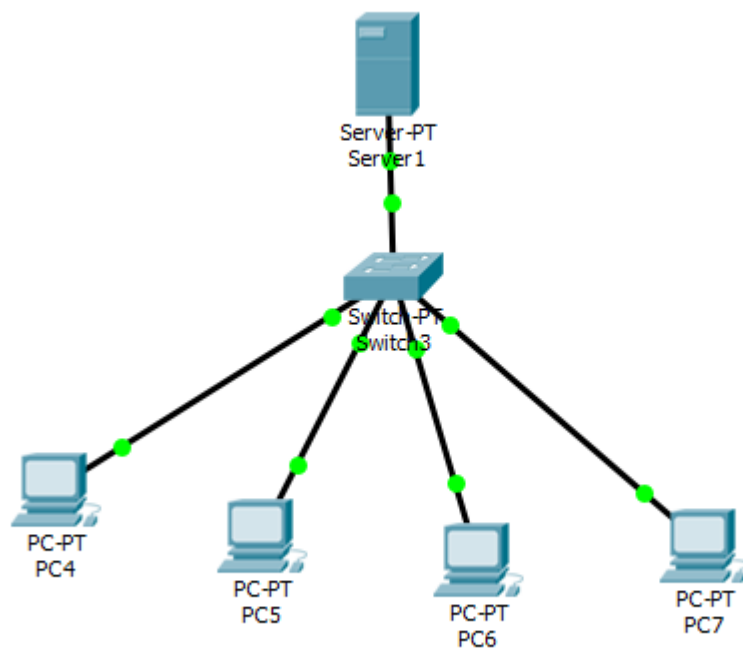
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128

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:\>|
```

Kegiatan Praktikum 2 Membuat WEB SERVER

Merancang DHCP Server

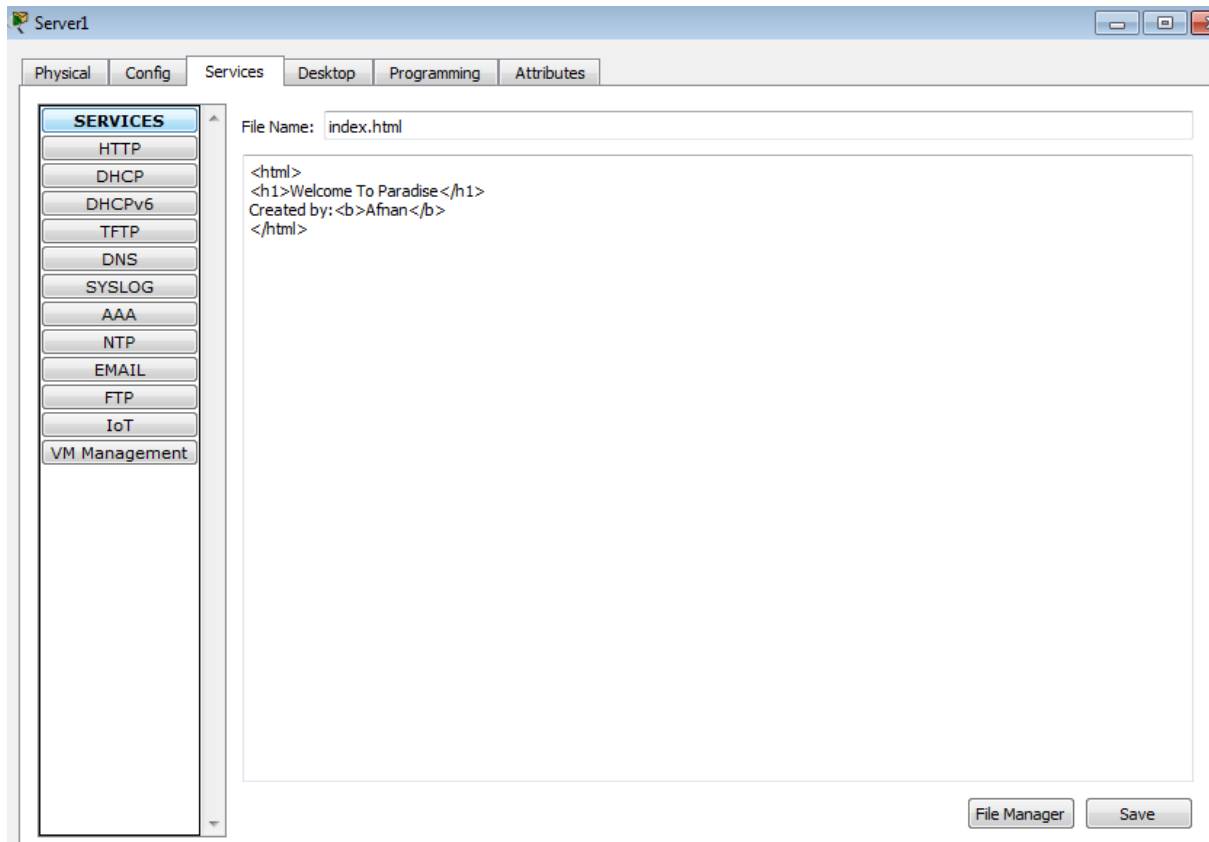


Konfigurasi Server

The screenshot shows the configuration window for "Server1". The "Config" tab is selected, and the "FastEthernet0" interface is chosen under the "INTERFACE" section. The configuration details for "FastEthernet0" are as follows:

- Port Status:** ☒ On
- Bandwidth:** ☒ 100 Mbps ☐ 10 Mbps ☒ Auto
- Duplex:** ☐ Half Duplex ☒ Full Duplex ☒ Auto
- MAC Address:** 0001.4359.CA64
- IP Configuration:**
 - ☐ DHCP
 - ☒ Static
 - IP Address:** 192.168.123.2
 - Subnet Mask:** 255.255.255.0
- IPv6 Configuration:**
 - ☐ DHCP
 - ☐ Auto Config
 - ☒ Static
 - IPv6 Address:** [Empty field]
 - Link Local Address:** FE80::201:43FF:FE59:CA64

Mengubah halaman homepage pada Server dengan cara Double klik pada Server1 sehingga jendela properti muncul. Lalu pindahkan ke tab Config dan pada menu kiri bagian Services, pilih HTTP dan pastikan radio button service HTTP pada pilihan ON. Lalu ubah script HTML.



Melakukan Browsing HTTP dengan cara double klik PC4 . Pilih tab Desktop. Pada daftar menu, pilih Web Browser dan ketika jendela web browser muncul, ketikkan IP address pada Server1/ Server HTTP (192.168.123.2) di field URL. Lalu akan dihasilkan tampilan halaman web pada Server1 di web browser PC4.

