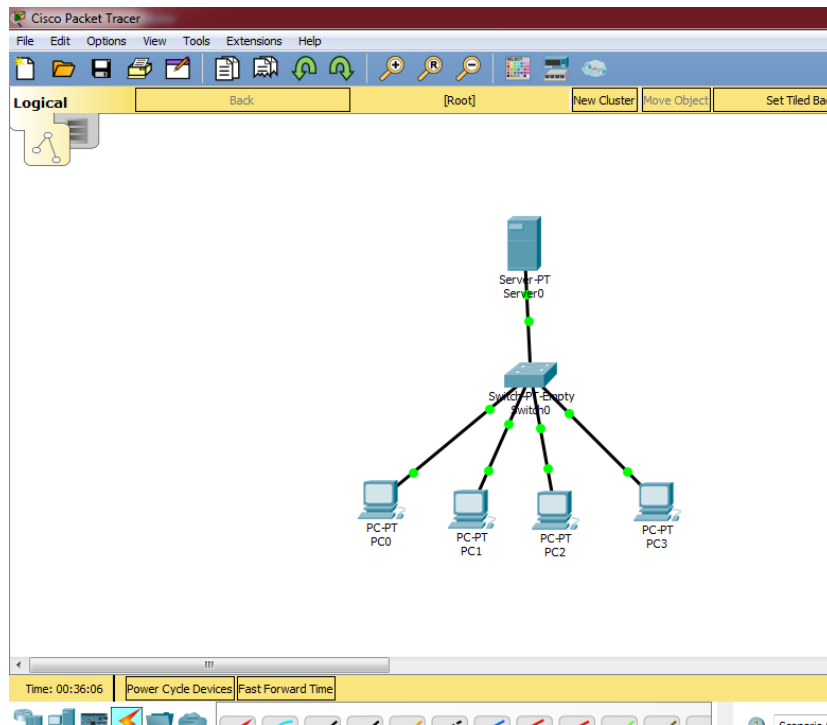


Nama : Dwiky Nugraha
NIM : L200170154
Kelas : D
Modul : 5

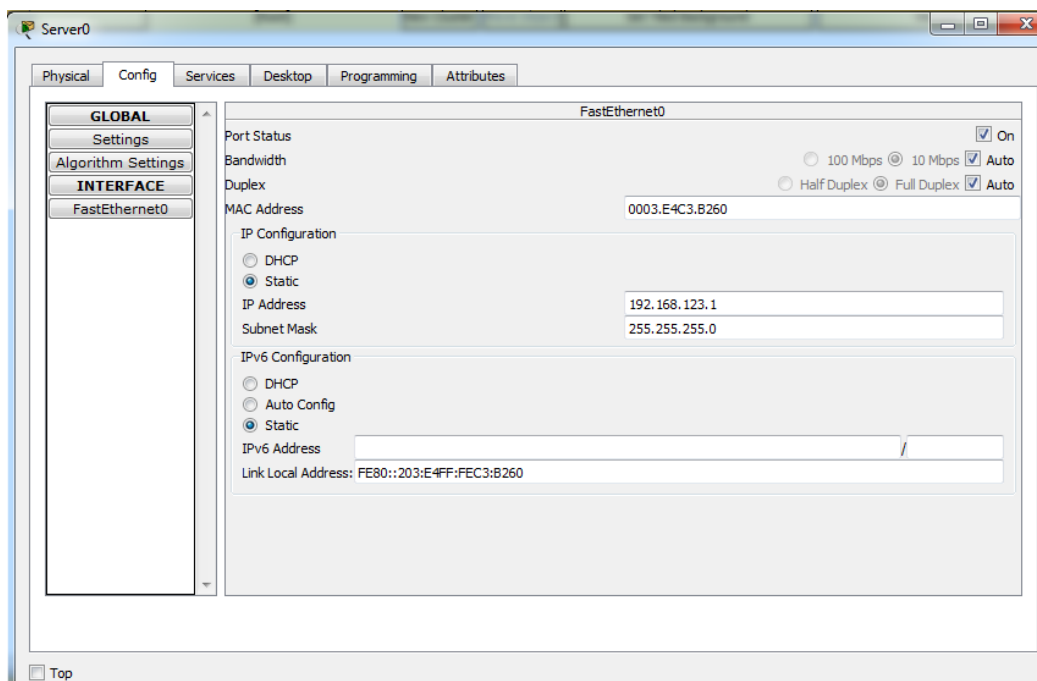
Kegiatan Praktikum

1. Praktikum 1 membuat DHCP server.

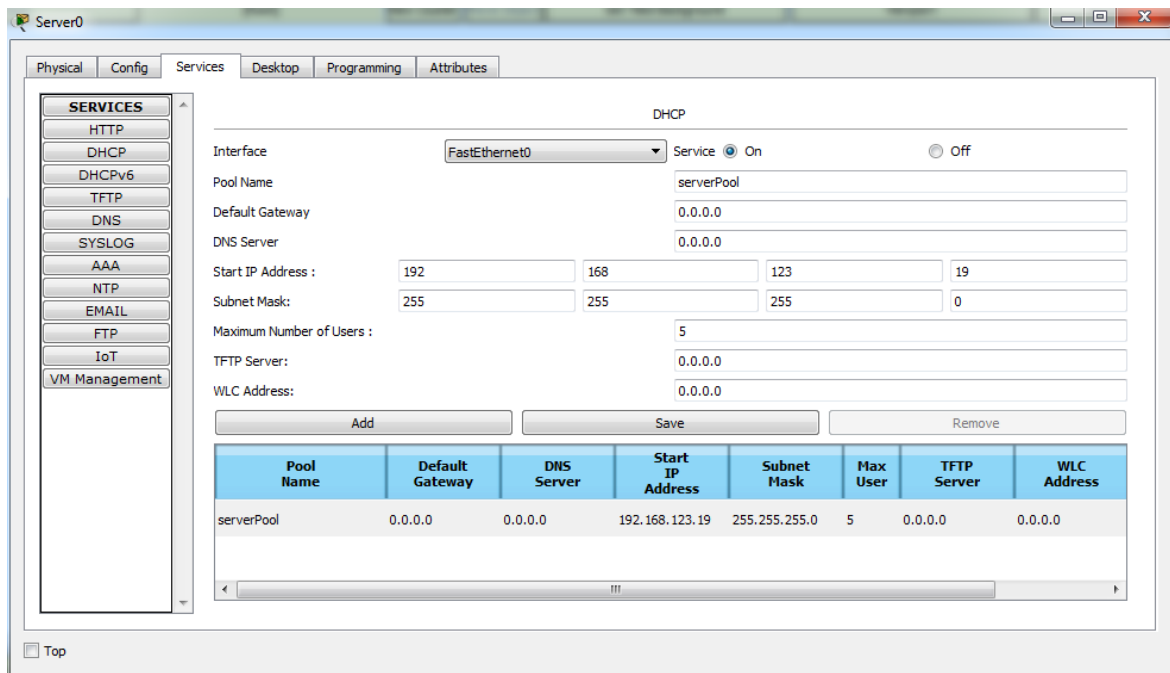
persiapan simulasi server DHCP menggunakan 5 buah workstation, 1 switch, 1 server.



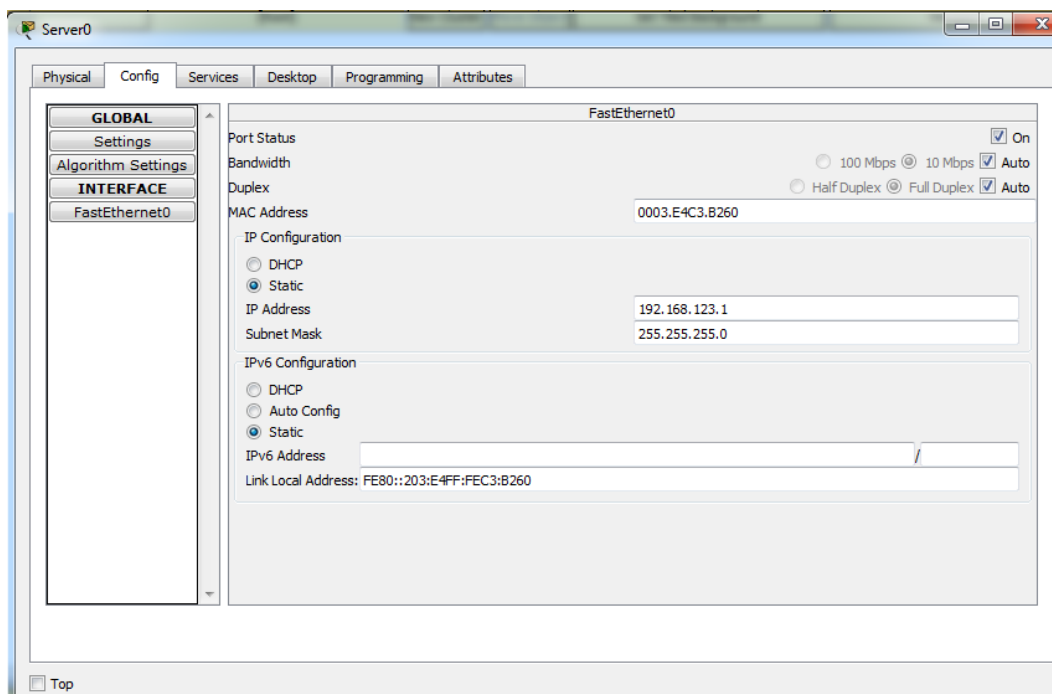
- a. melakukan konfigurasi ip pada server dengan ip 192.168.123.1 subnet mask 255.255.255.0.



- b. melakukan konfigurasi dhcp server pada properties server0 pada services. mengaktifkan service DHCP (on), kemudian isi start ip address dengan 192.168.123.19 dan maximum number of users 5.



- c. pada sisi client pilih tab desktop kemudian pilih menu ip configuration. lalu pilih radio button pada pilihan DHCP.



- d. melakukan ping ke semua pc yang terhubung dengan server DHCP.
hasil dari test ping menunjukkan successful

```
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=1ms 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 = 1ms, 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=30ms 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=2ms 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 = 1ms, Maximum = 30ms, Average = 8ms

C:\>ping 192.168.123.21

Pinging 192.168.123.21 with 32 bytes of data:

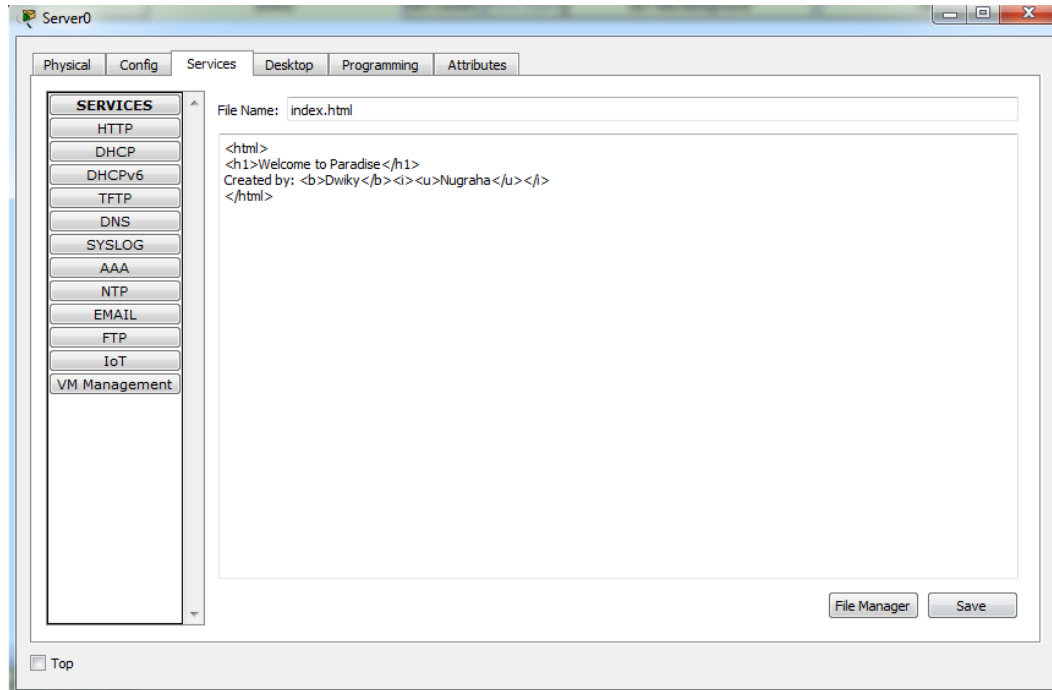
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time=3ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128

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 = 3ms, Average = 1ms
```

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic
	Successful	PC0	PC1	ICMP		0.000	N
	Successful	PC0	PC2	ICMP		0.000	N
	Successful	PC0	PC3	ICMP		0.000	N
	Successful	PC1	PC2	ICMP		0.000	N

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Nu
	Successful	PC1	PC2	ICMP		0.000	N	0
	Successful	PC1	PC3	ICMP		0.000	N	1
	Successful	PC2	PC3	ICMP		0.000	N	2

2. Praktikum 2 membuat web server
lakukan langkah konfigurasi yang sama seperti kegiatan praktikum 1. dengan konfigurasi ip pada server0 192.168.123.2
 - a. pada properties server0 pada services pilih HTTP kemudian pastikan radio button pada pilihan On. ubah



script HTML pada halaman homepage server0

- b. melakukan browsing http dengan membukan pc0 dan tab desktop kemudian pilih web browser dan ketikan ip address server0 (192.168.123.2) di field URL.

