Nama   : M. Mahbubbillah

NIM   : 222011569

Kelas   : 3SI1

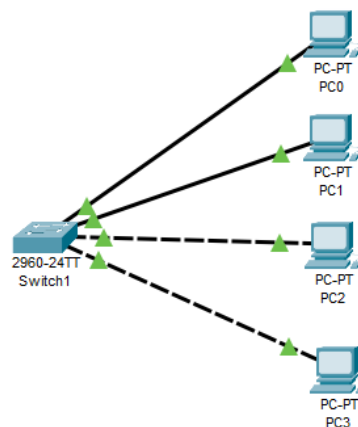Mata Kuliah : Sistem Jaringan Komputer dan Data (P)

Praktikum Pertemuan 4

Screenshot Hasil Praktikum dan Penugasan

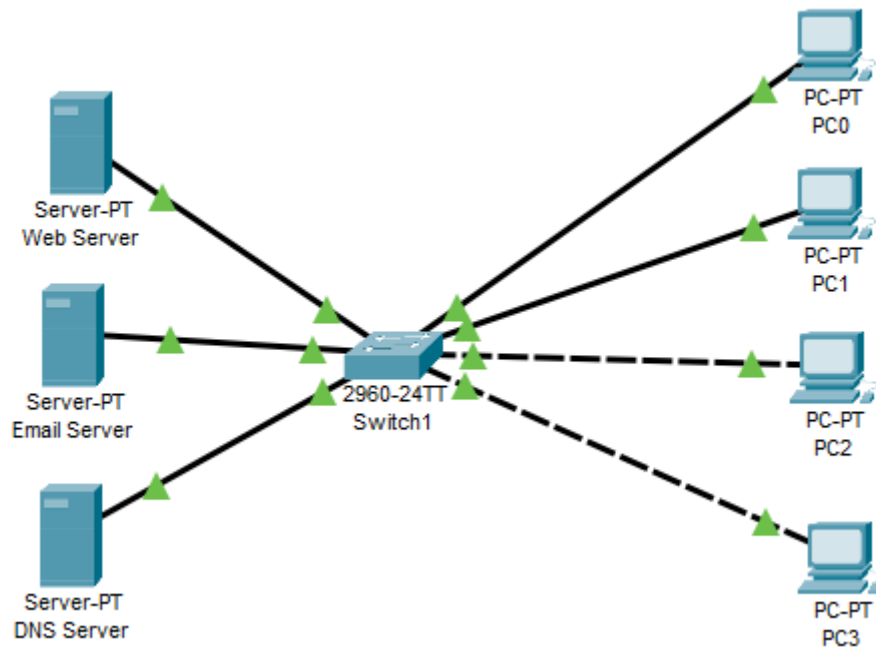**Konfigurasi ke 3 server tersebut sesuai fungsinya yaitu web server, email server dan dns server**

Membuat 3 Server (Web Server, Email Server, DNS)

Membuat Jaringan ke Switch

Menyambung Jaringan ke Server


```
Cisco Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

   Connection-specific DNS Suffix..:
   Link-local IPv6 Address.........: FE80::240:BFF:FE95:ADEB
   IPv6 Address....................: ::
   IPv4 Address....................: 10.50.1.1
   Subnet Mask.....................: 255.255.255.0
   Default Gateway.................: ::
                                     0.0.0.0

Bluetooth Connection:

   Connection-specific DNS Suffix..:
   Link-local IPv6 Address.........: ::
   IPv6 Address....................: ::
   IPv4 Address....................: 0.0.0.0
   Subnet Mask.....................: 0.0.0.0
   Default Gateway.................: ::
                                     0.0.0.0
```
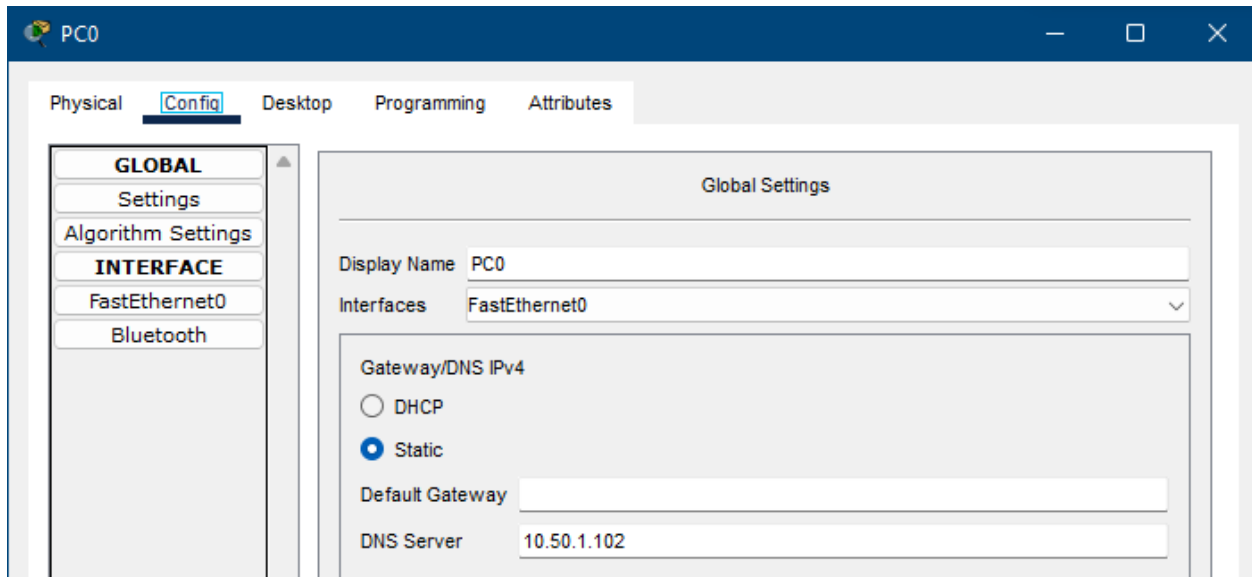
```
C:\>ping 10.50.1.4

Pinging 10.50.1.4 with 32 bytes of data:

Reply from 10.50.1.4: bytes=32 time<1ms TTL=128
Reply from 10.50.1.4: bytes=32 time<1ms TTL=128
Reply from 10.50.1.4: bytes=32 time=17ms TTL=128
Reply from 10.50.1.4: bytes=32 time<1ms TTL=128

Ping statistics for 10.50.1.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 17ms, Average = 4ms
```

Tambahkan isian dns server pada konfigurasi masing-masing pc dan server lainnya, gateway tetap kosongkan

Lakukan tes koneksi antara pc dan server, baik menggunakan ip maupun nama domain, dan catat hasilnya

```
C:\>ping webserver.com

Pinging 10.50.1.100 with 32 bytes of data:

Reply from 10.50.1.100: bytes=32 time<1ms TTL=128
Reply from 10.50.1.100: bytes=32 time<1ms TTL=128
Reply from 10.50.1.100: bytes=32 time<1ms TTL=128
Reply from 10.50.1.100: bytes=32 time<1ms TTL=128

Ping statistics for 10.50.1.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping emailserver.com

Pinging 10.50.1.101 with 32 bytes of data:

Reply from 10.50.1.101: bytes=32 time<1ms TTL=128
Reply from 10.50.1.101: bytes=32 time<1ms TTL=128
Reply from 10.50.1.101: bytes=32 time<1ms TTL=128
Reply from 10.50.1.101: bytes=32 time<1ms TTL=128

Ping statistics for 10.50.1.101:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```
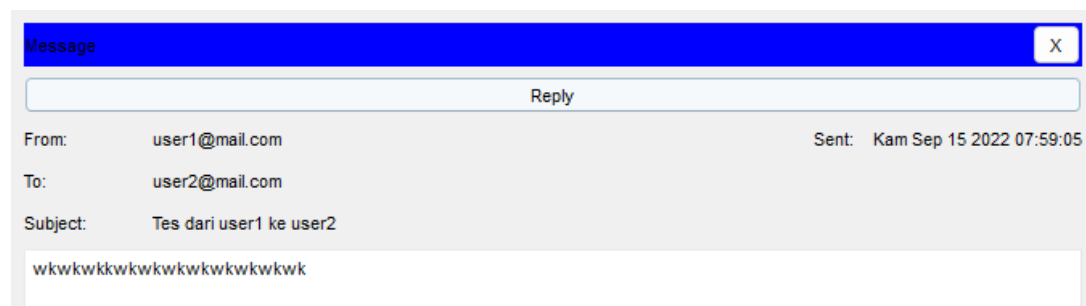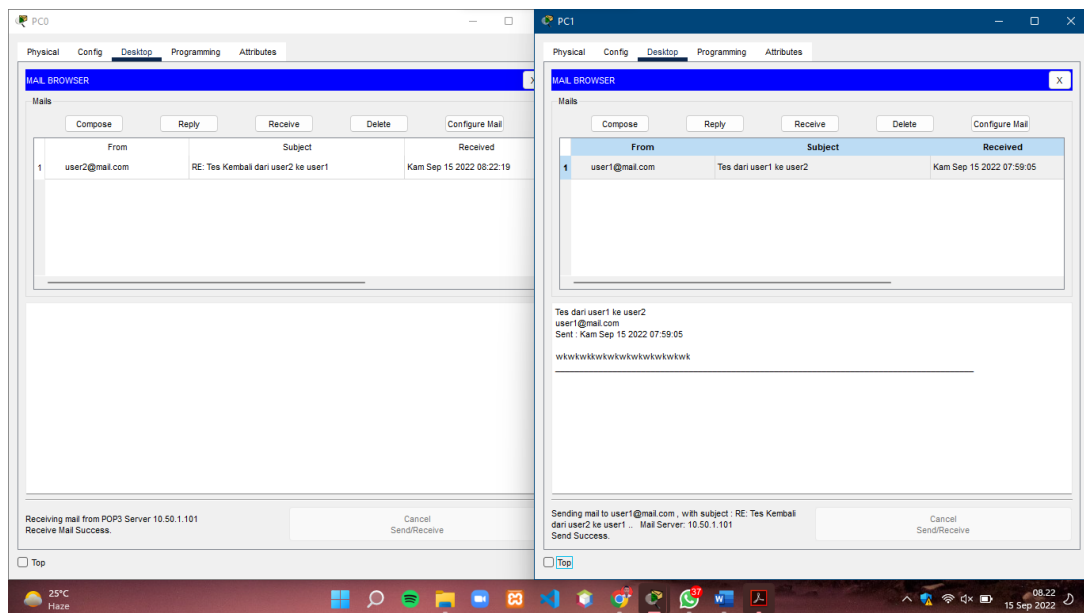
Lakukan akses web server dari pc, cek dan catat hasilnya
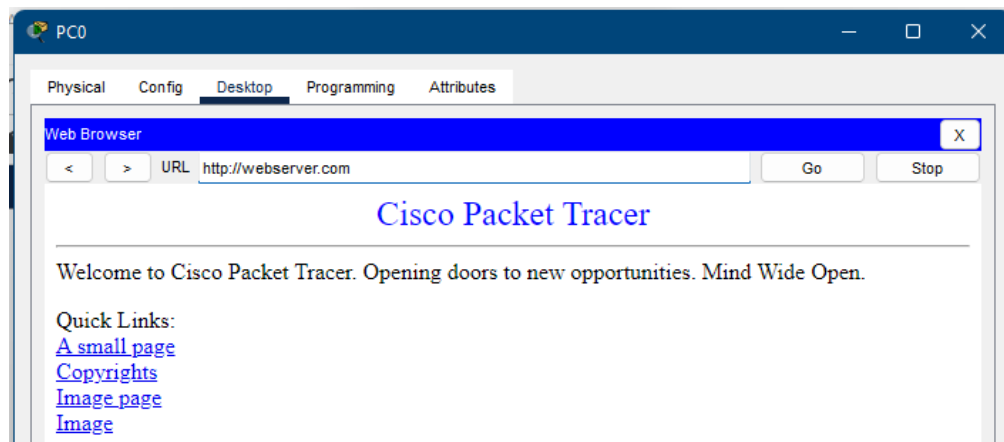
Mengakses Web Server

Lakukan komunikasi email antar pc, cek dan catat hasilnya

Mengakses Email Server

Mengakses DNS Server

Uji dns server dengan menggunakan perintah nslookup, cek dan catat hasilnya