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## Modul 3

The screenshot displays the Cisco Packet Tracer interface. The main workspace shows a network topology with a central 'Switch0' connected to four PCs (PC-PT PC1, PC-PT PC2, PC-PT PC3, and PC-PT PC4). Below this, a series of switches are connected in a line, representing a backbone. The interface includes a 'Logical' tab, a 'Realtime' tab, and a 'Command Prompt' window for PC1.

The Command Prompt window for PC1 shows the following output:

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

FastEthernet0 Connection: (default port)

    Link-local IPv6 Address . . . . . : FE80::205:SEFF:FE6A:1C11
    IP Address. . . . . : 201.222.5.1
    Subnet Mask . . . . . : 255.255.255.248
    Default Gateway . . . . . : 0.0.0.0

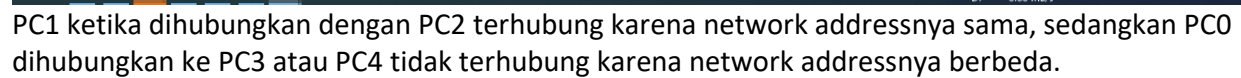
C:\>ping 201.222.5.2

Pinging 201.222.5.2 with 32 bytes of data:

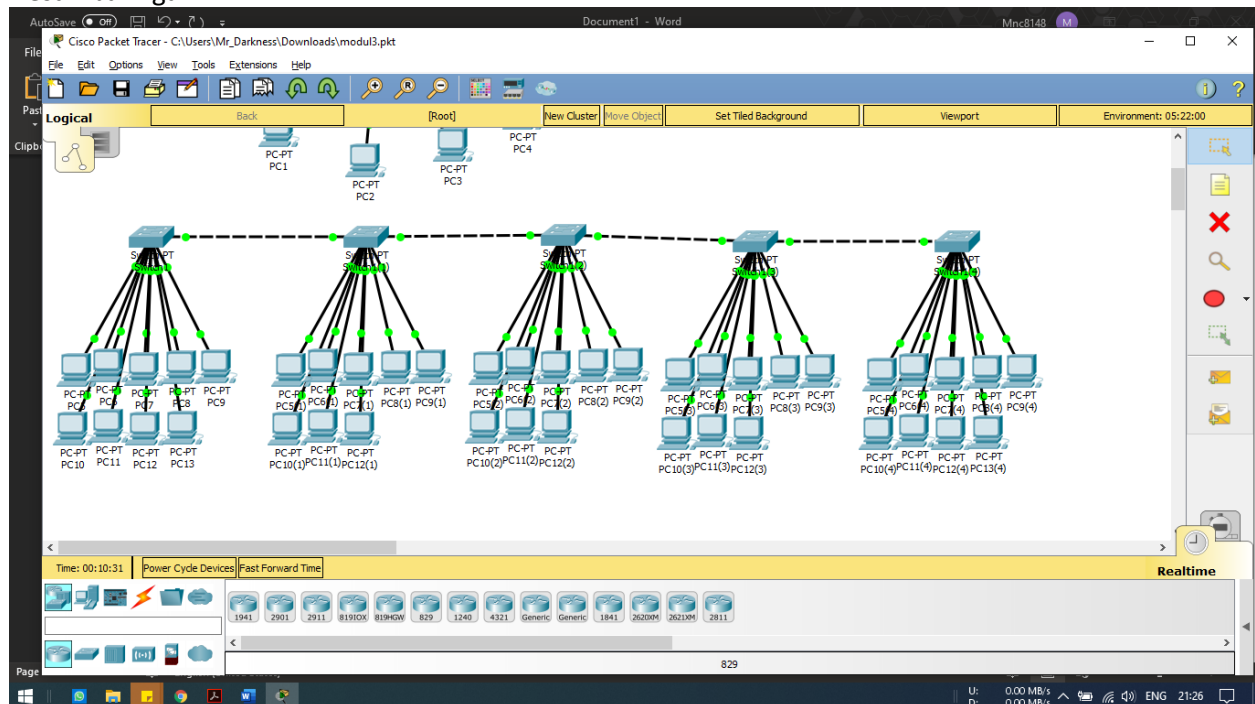
Reply from 201.222.5.2: bytes=32 time=1ms TTL=128
Reply from 201.222.5.2: bytes=32 time=31ms TTL=128
Reply from 201.222.5.2: bytes=32 time=1ms TTL=128
Reply from 201.222.5.2: bytes=32 time=1ms TTL=128

Ping statistics for 201.222.5.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 31ms, Average = 8ms

C:\>
```



## Desain Jaringan



Melakukan ping dari PC Divisi 1 ke PC Divisi lainnya

The image consists of two screenshots of the Cisco Packet Tracer interface. The top screenshot shows a network topology with a central switch connected to four groups of PCs (PC1-PC4, PC5-PC8, PC9-PC12, PC13-PC16). A command prompt window is open on PC5, showing the command 'C:\>ping 202.155.19.2' and its output, which indicates successful connectivity with 0% loss. The bottom screenshot shows a similar network topology but with a different configuration. A command prompt window is open on PC5, showing the command 'C:\>ping 202.155.19.33' and its output, which also indicates successful connectivity with 0% loss. The interface includes a 'Logical' tab, a 'Physical' tab, and a 'Realtime' tab. The status bar at the bottom shows the time as 00:19:59 and the power cycle devices as 'Fast Forward Time'.

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

FastEthernet0 Connection: (default port)

    Link-local IPv6 Address . . . . . : FE80::2D0:BCFF:FE89:9CBB
    IP Address. . . . . : 202.155.19.1
    Subnet Mask . . . . . : 255.255.255.192
    Default Gateway . . . . . : 0.0.0.0

C:\>ping 202.155.19.2

Pinging 202.155.19.2 with 32 bytes of data:

Reply from 202.155.19.2: bytes=32 time=15ms TTL=128
Reply from 202.155.19.2: bytes=32 time<1ms TTL=128
Reply from 202.155.19.2: bytes=32 time<1ms TTL=128
Reply from 202.155.19.2: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 15ms, Average = 3ms

C:\>
```

```
Minimum = 0ms, Maximum = 15ms, Average = 3ms
C:\>ping 202.155.19.33

Pinging 202.155.19.33 with 32 bytes of data:

Reply from 202.155.19.33: bytes=32 time<1ms TTL=128
Reply from 202.155.19.33: bytes=32 time<1ms TTL=128
Reply from 202.155.19.33: bytes=32 time<1ms TTL=128
Reply from 202.155.19.33: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.33:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 202.155.19.49

Pinging 202.155.19.49 with 32 bytes of data:

Reply from 202.155.19.49: bytes=32 time=12ms TTL=128
Reply from 202.155.19.49: bytes=32 time<1ms TTL=128
Reply from 202.155.19.49: bytes=32 time<1ms TTL=128
Reply from 202.155.19.49: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.49:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

Semuanya saling terhubung, karena semua saling terhubung antara satu dengan yg lain dalam satu jaringan