

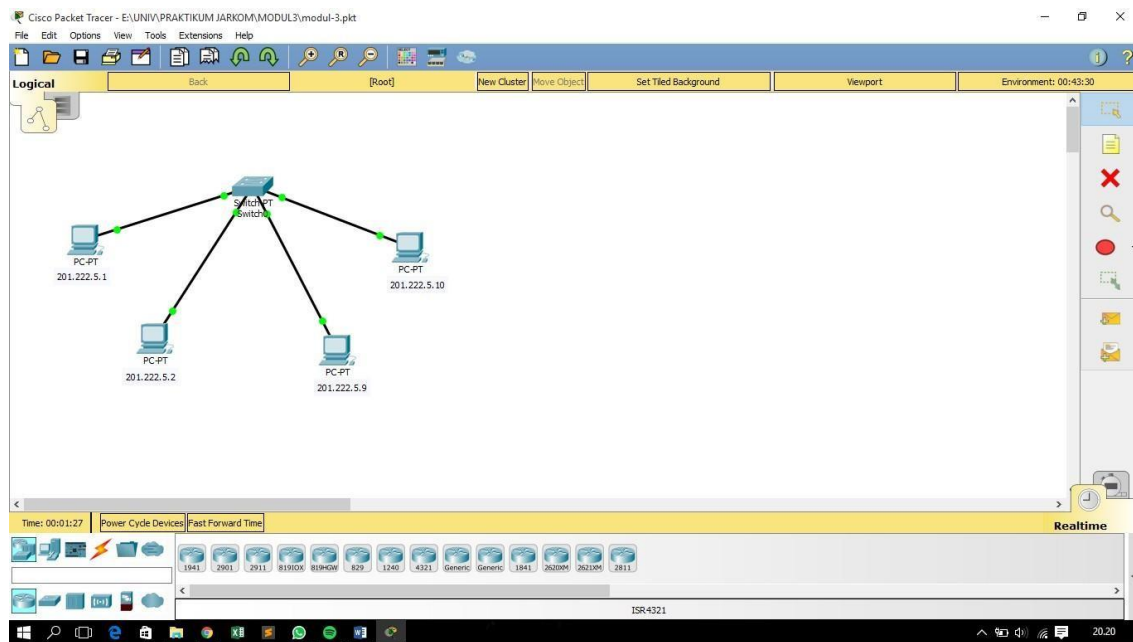
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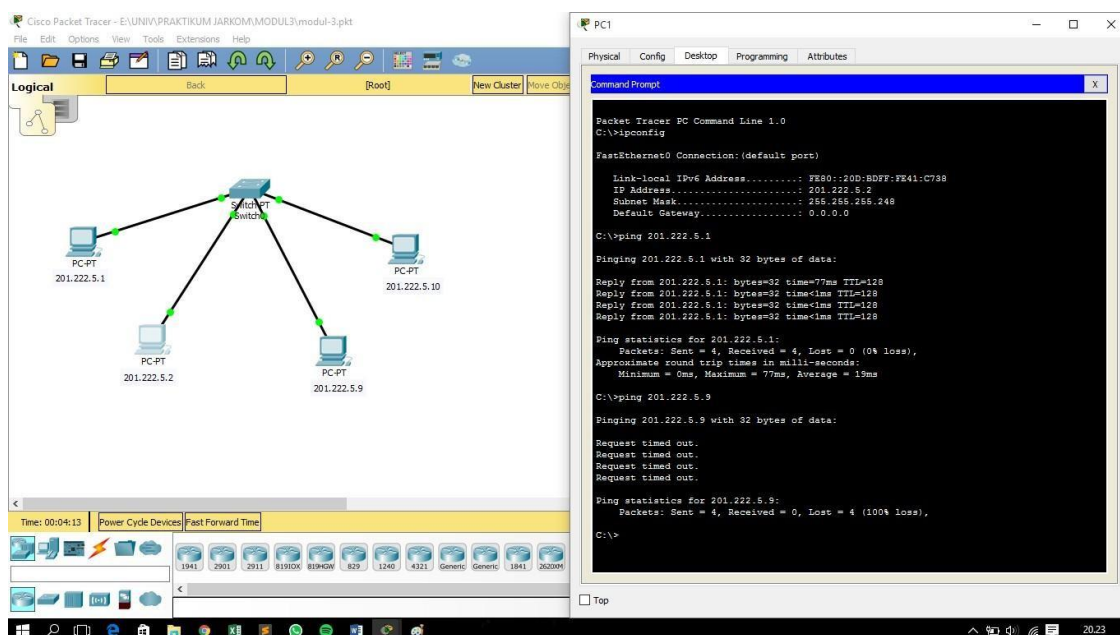
Kelas : A

Modul 3

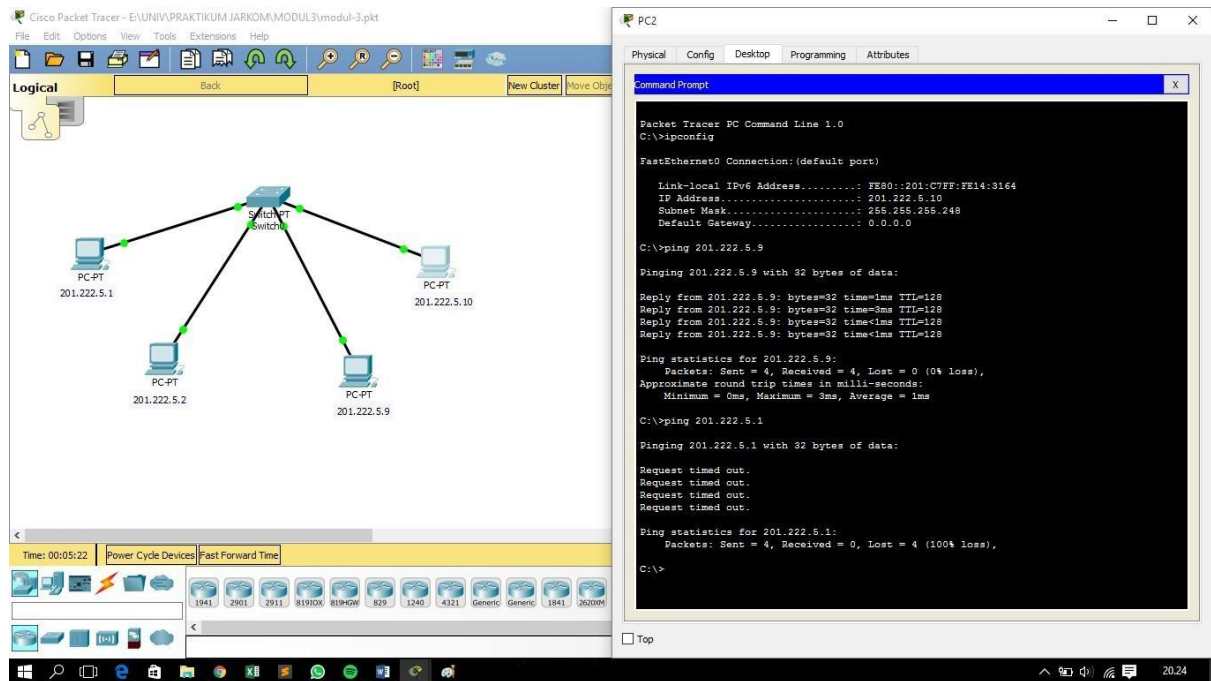
1. Rancangan jaringan dengan pembagian IP dan subnetmasknya



2. Melakukan ping dari PC yang memiliki IP 201.222.5.2 ke pc yang memiliki IP 201.222.5.1 dan IP 201.222.5.9. Dan saat ping ke PC yang ber IP 201.222.5.1 lancar tetapi saat ping ke PC yang ber IP 201.222.5.9 gagal karena berbeda jaringan atau kelompok subnet

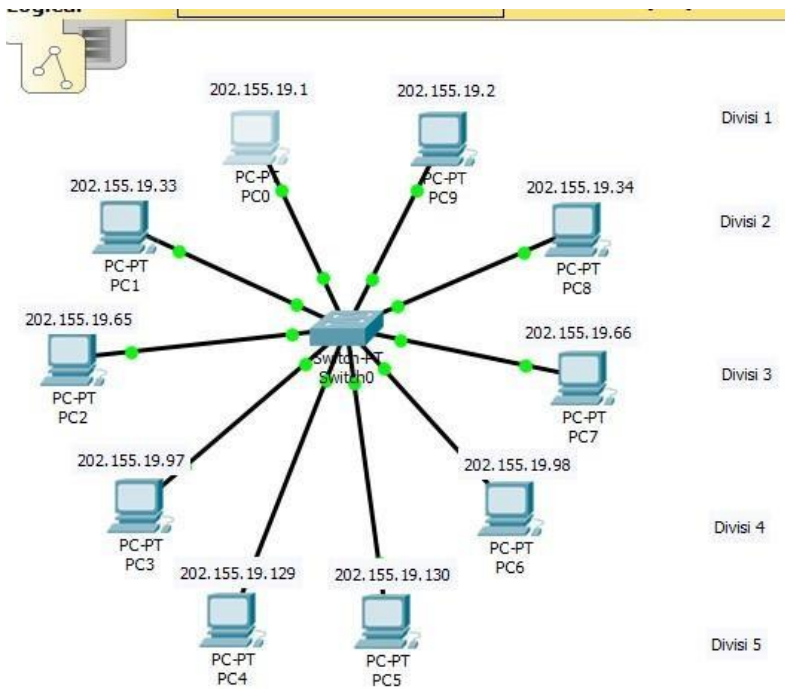


3. Melakukan ping dari PC yang memiliki IP 201.222.5.10 ke pc yang memiliki IP 201.222.5.9 dan IP 201.222.5.1. Dan saat ping ke PC yang ber IP 201.222.5.9 lancar tetapi saat ping ke PC yang ber IP 201.222.5.1 gagal karena beberapa jaringan atau kelompok subnet



Tugas Modul 3

1. Rancangan jaringan



2. Melakukan ping. Dari pc di divisi 1 ke pc ke divisi 2

The screenshot shows the Cisco Packet Tracer interface. On the left, the network diagram is visible, showing the same topology as described in the previous diagram. On the right, a 'Command Prompt' window is open, displaying the results of a ping command executed from PC0 (202.155.19.1) to PC8 (202.155.19.34).

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

FastEthernet0 Connection: (default port)

Link-local IPv6 Address . . . . . : FE80::2E0:F7FF:FED7:B617
IP Address. . . . . : 202.155.19.1
Subnet Mask . . . . . : 255.255.255.224
Default Gateway . . . . . : 0.0.0.0

C:\>ping 202.155.19.2

Pinging 202.155.19.2 with 32 bytes of data:

Request timed out.
Reply from 202.155.19.2: bytes=32 time=14ms TTL=128
Reply from 202.155.19.2: bytes=32 time=3ms TTL=128
Reply from 202.155.19.2: bytes=32 time=3ms TTL=128

Ping statistics for 202.155.19.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 14ms, Average = 6ms

C:\>ping 202.155.19.34

Pinging 202.155.19.34 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 202.155.19.34:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

3. Melakukan ping. Dari pc di divisi 1 ke pc ke divisi 3

The network diagram shows a central switch (S2901) connected to 14 PCs arranged in five divisions. The PCs are connected to the switch via their Ethernet interfaces. The IP addresses for the PCs are as follows:

- Divisi 1: PC0 (202.155.19.1), PC9 (202.155.19.2)
- Divisi 2: PC1 (202.155.19.33), PC8 (202.155.19.34)
- Divisi 3: PC2 (202.155.19.65), PC7 (202.155.19.66)
- Divisi 4: PC3 (202.155.19.97), PC6 (202.155.19.98)
- Divisi 5: PC4 (202.155.19.129), PC5 (202.155.19.130)

The command prompt on PC0 shows the following ping results:

```
Command Prompt

Ping statistics for 202.155.19.34:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 202.155.19.66

Pinging 202.155.19.66 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 202.155.19.66:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 202.155.19.98

Pinging 202.155.19.98 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 202.155.19.98:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 202.155.19.130

Pinging 202.155.19.130 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 202.155.19.130:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>
```

4. Melakukan ping. Dari pc di divisi 1 ke pc ke divisi 4

The network diagram is the same as in the previous screenshot. The command prompt on PC0 shows the following ping results:

```
Command Prompt

Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 3ms, Maximum = 14ms, Average = 6ms
C:\>ping 202.155.19.34

Pinging 202.155.19.34 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 202.155.19.34:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 202.155.19.66

Pinging 202.155.19.66 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 202.155.19.66:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 202.155.19.98

Pinging 202.155.19.98 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 202.155.19.98:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>
```

