

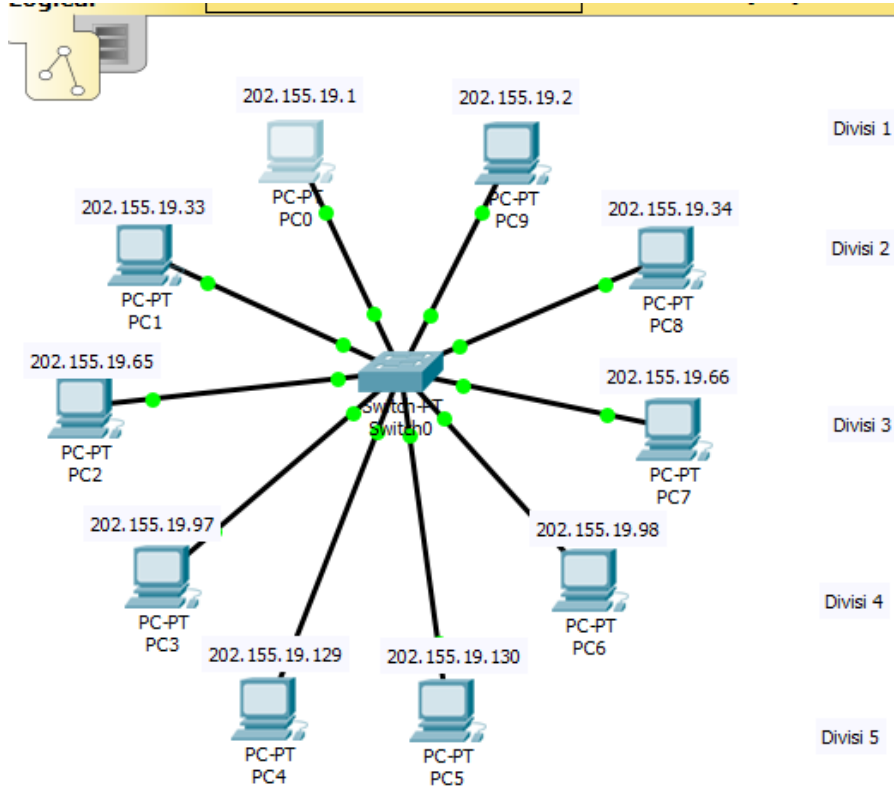
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## Tugas Modul 3

### 1. Rancangan Jaringan



### 2. Melakukan Ping. Dari pc di divisi 1 ke pc divisi 2

The screenshot shows the Cisco Packet Tracer interface with the network diagram on the left and a Command Prompt window on the right. The Command Prompt window displays the results of a ping command from PC0 to PC9.

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

FastEthernet0 Connection: (default port)
Link-local IPv6 Address . . . . . : FE80::2E0:F7FF:FE07: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

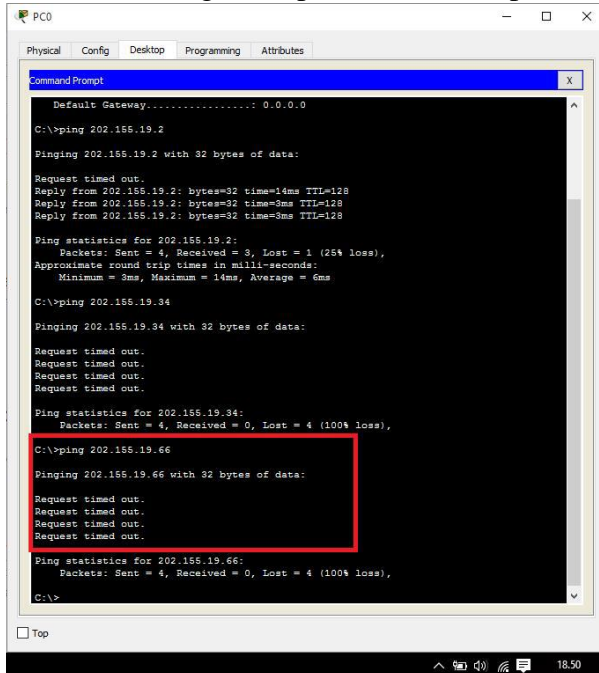
Pinging 202.155.19.34 with 32 bytes of data:

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),

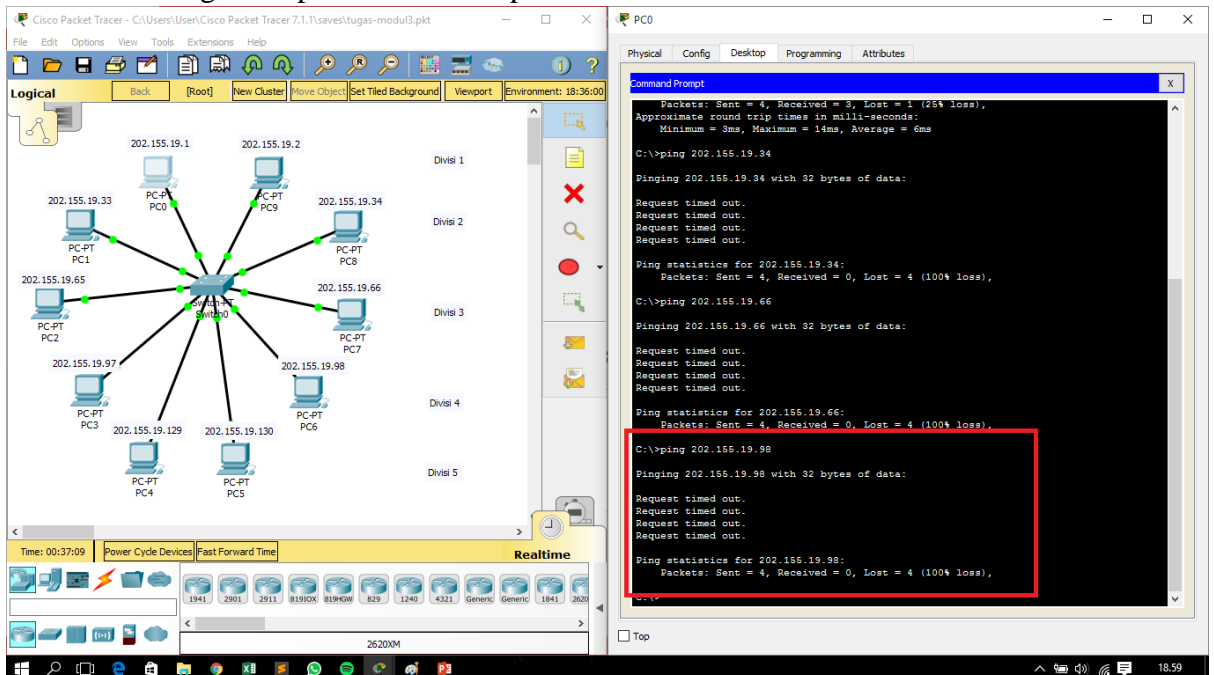
C:\>
```

### 3. Melakukan Ping. Dari pc di divisi 1 ke pc divisi 3



```
PC0
Physical Config Desktop Programming Attributes
Command Prompt
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),
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:\>
```

### 4. Melakukan Ping. Dari pc di divisi 1 ke pc divisi 4



The screenshot displays the Cisco Packet Tracer interface with a network topology and a PC0 Command Prompt window.

**Network Topology:**

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

**PC0 Command Prompt:**

```
PC0
Physical Config Desktop Programming Attributes
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:\>
```

## 5. Melakukan Ping. Dari pc di divisi 1 ke pc divisi 5

The screenshot displays the Cisco Packet Tracer interface. On the left, a network topology is shown with a central router (R1) connected to five switches (S1-S5). Each switch is connected to a PC. The PCs are labeled as follows:

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

On the right, a Command Prompt window for PC0 is open, showing the results of a ping command:

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

The Command Prompt window is titled "PC0" and has tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is selected, showing the Command Prompt. The results of the ping command are highlighted in red.