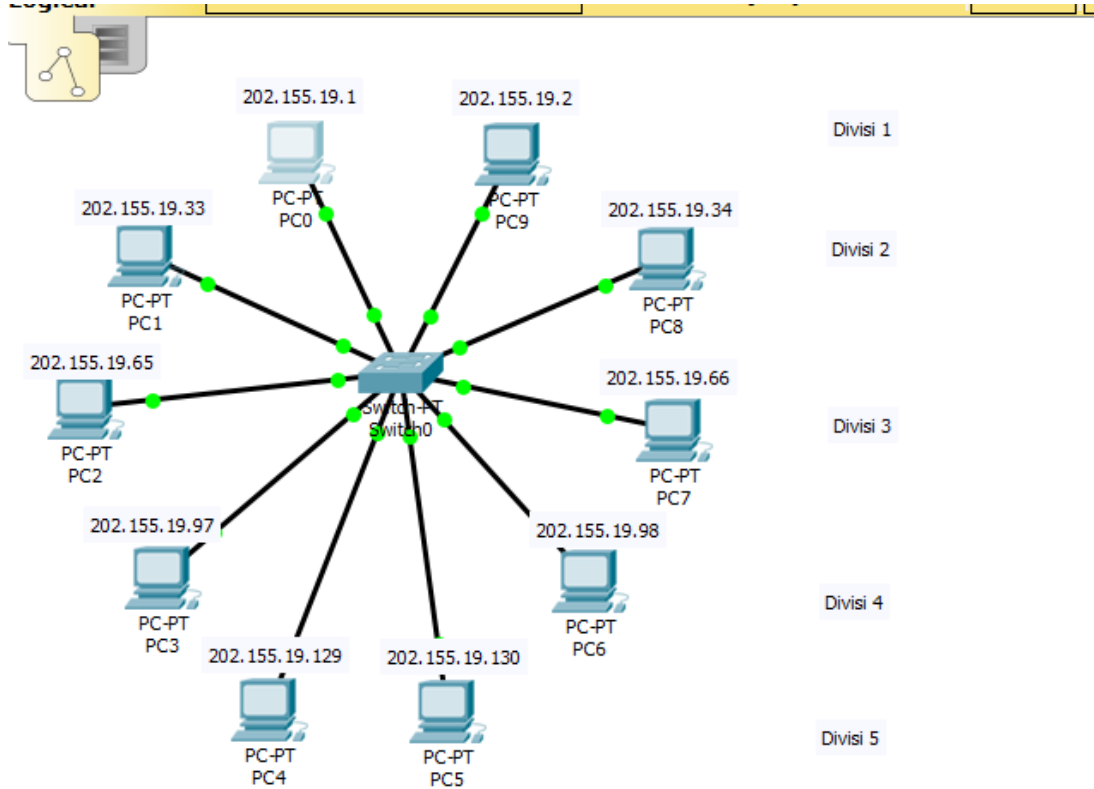


Rayyan Hanugrah

L200170109

Tugas Modul 3

1. Rancangan Jaringan



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

Command Prompt

```
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

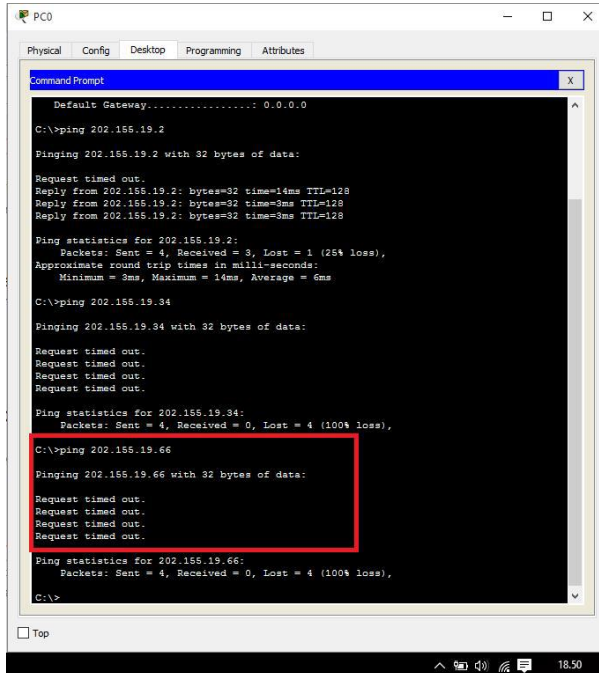
Pinging 202.155.19.34 with 32 bytes of data:

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),

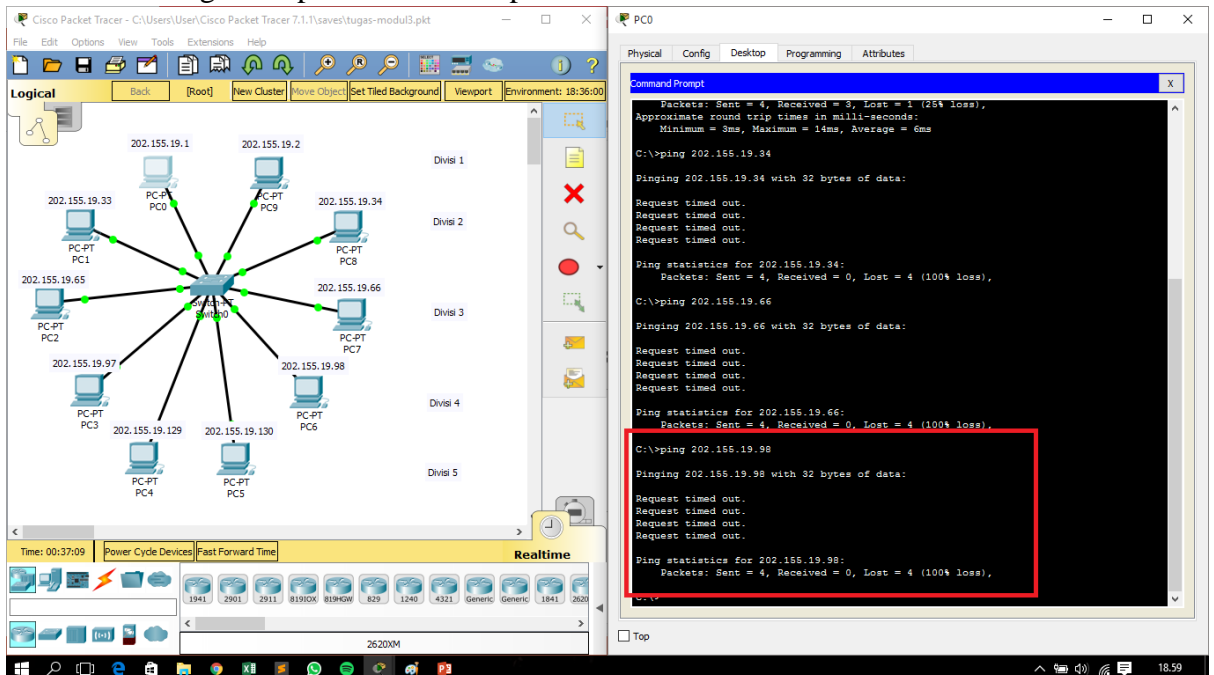
C:\>
```

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. On the left, a network topology is shown with a central router connected to 12 PCs arranged in five divisions (Divisi 1 to Divisi 5). The PCs are labeled PC0 through PC11 with their respective IP addresses. On the right, a PC0 Command Prompt window shows the results of ping tests from 202.155.19.2 to 202.155.19.34, 202.155.19.66, and 202.155.19.98. The results show successful pings to 202.155.19.2 and 202.155.19.34, and 100% loss for the other three destinations.

```
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 diagram shows a central router (R1) connected to 10 PCs arranged in five groups, labeled 'Divisi 1' through 'Divisi 5'. Each group contains two PCs. The IP addresses for the PCs are: Divisi 1 (202.155.19.1, 202.155.19.2), Divisi 2 (202.155.19.33, 202.155.19.34), Divisi 3 (202.155.19.65, 202.155.19.66), Divisi 4 (202.155.19.97, 202.155.19.98), and Divisi 5 (202.155.19.129, 202.155.19.130). The router is labeled 'R1' and has a '2901' model number. The bottom of the interface shows a 'Realtime' tab with a timer at 00:37:54 and a list of devices including 1941, 2901, 2911, 8191OX, 8191OW, 829, 1240, 4321, Generic, 1841, and 2920.

On the right, a 'PC0' window is open, showing a 'Command Prompt' terminal. The terminal output shows the results of a ping command from PC0 to 202.155.19.130. The output is as follows:

```
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:\>
```

The last four lines of the terminal output, starting from the command 'C:\>ping 202.155.19.130', are highlighted with a red rectangular box.