

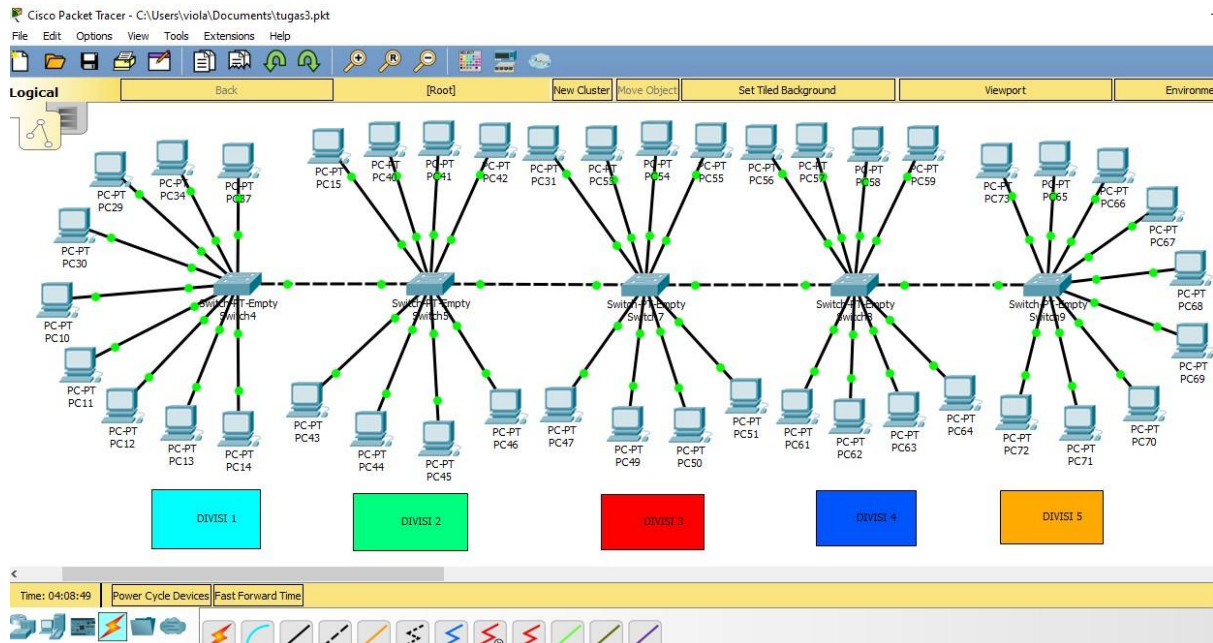
Nama : Viola Lovitasari

NIM : L200180173

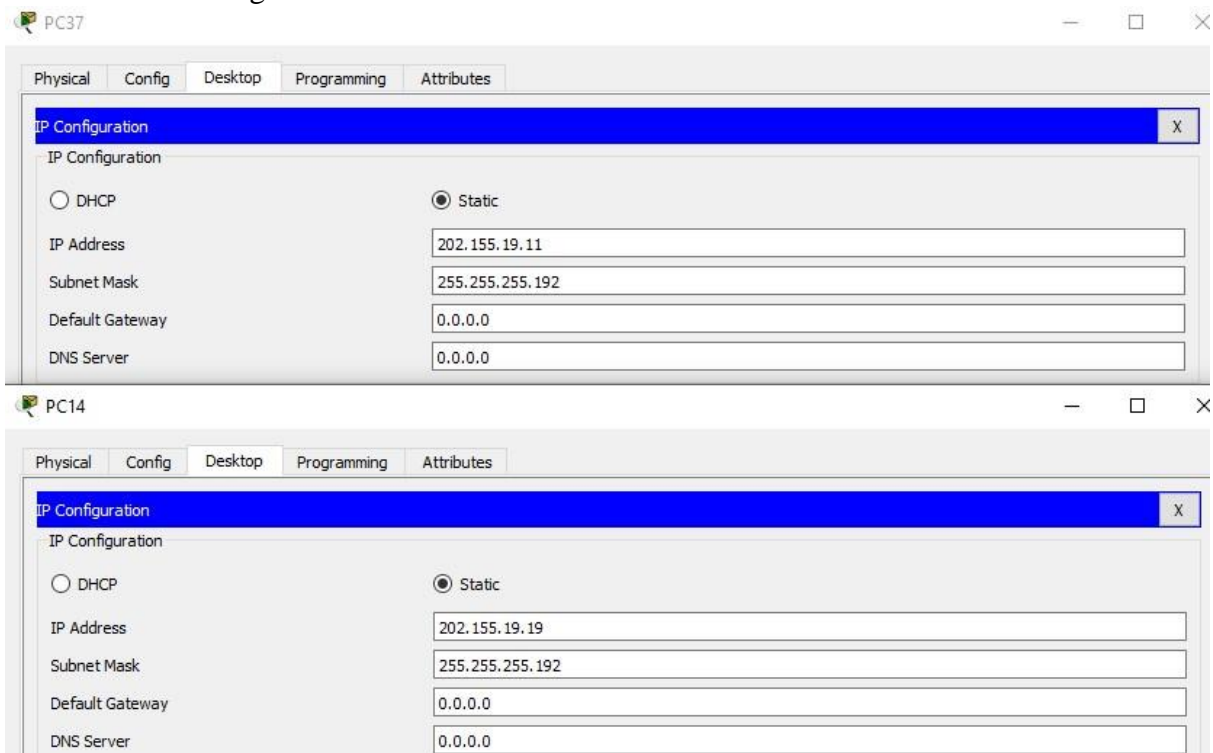
Kelas : D

TUGAS MODUL 3

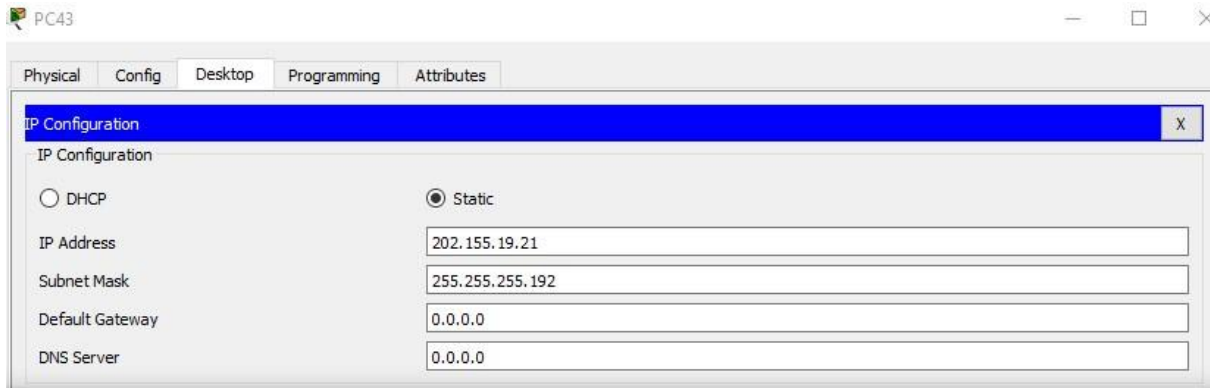
DESAIN TOPOLOGI JARINGAN dengan 5 DIVISI



➤ Divisi 1 range IP Address = 202.155.19.11-202.155.19.19



- Divisi 2 range IP Address = 202.155.19.21-202.155.19.28



PC43

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

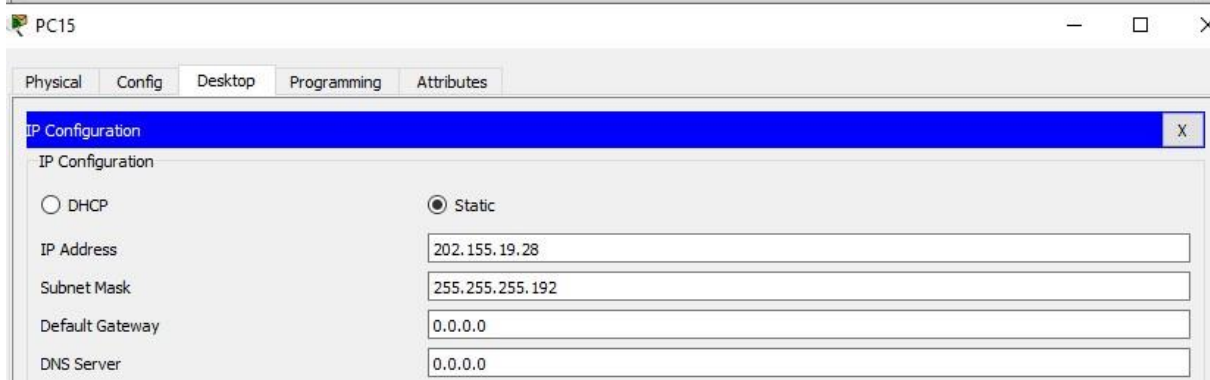
☐ DHCP ☒ Static

IP Address 202.155.19.21

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0



PC15

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

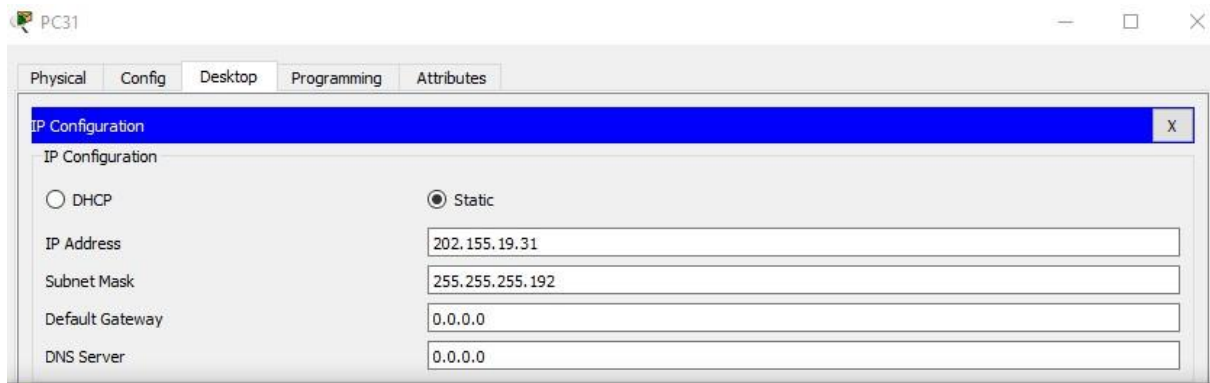
IP Address 202.155.19.28

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

- Divisi 3 range IP Address = 202.155.19.31-202.155.19.38



PC31

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

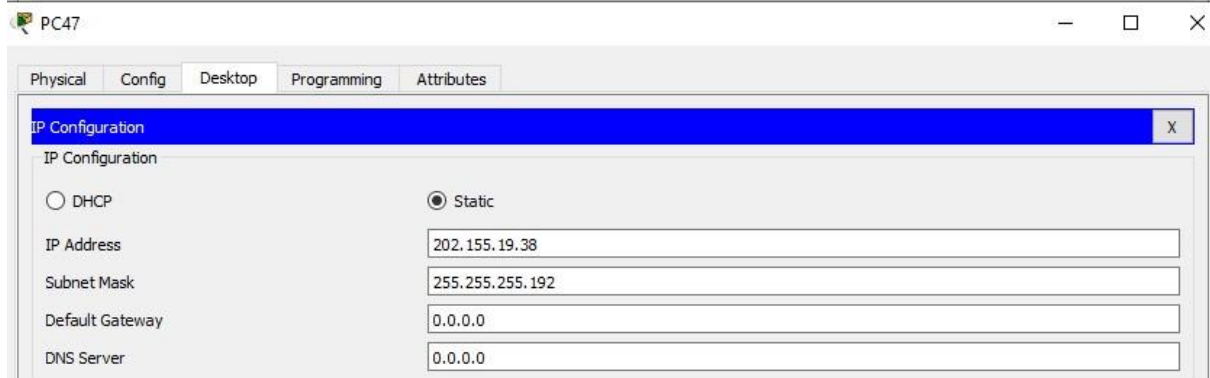
☐ DHCP ☒ Static

IP Address 202.155.19.31

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0



PC47

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

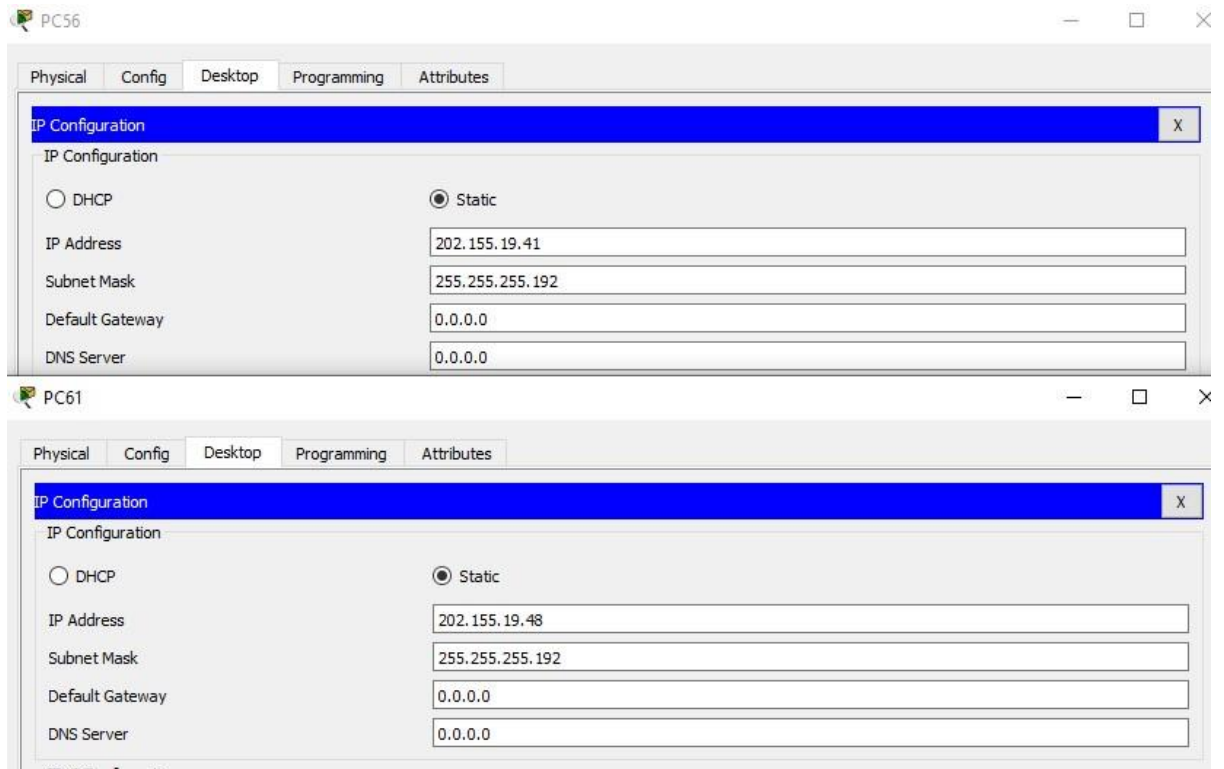
IP Address 202.155.19.38

Subnet Mask 255.255.255.192

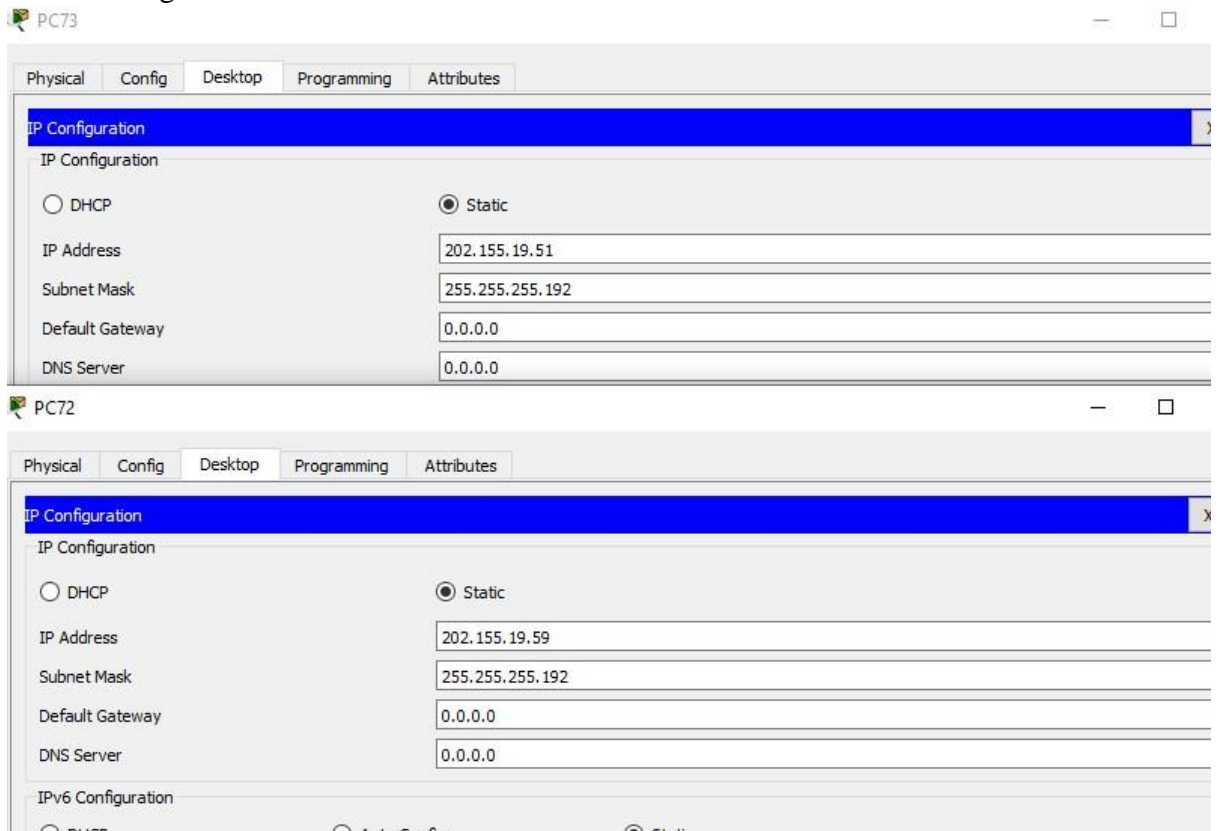
Default Gateway 0.0.0.0

DNS Server 0.0.0.0

- Divisi 4 range IP Address = 202.155.19.41-202.155.19.48

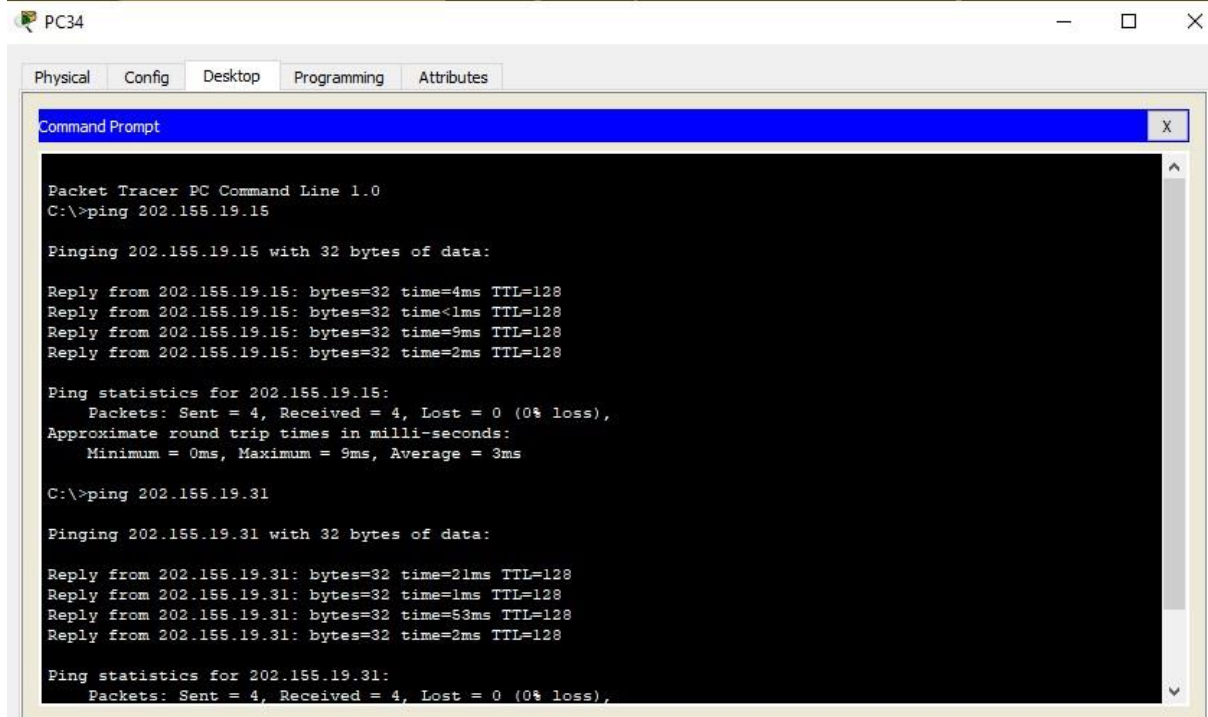


➤ Divisi 5 range IP Address = 202.155.19.51-202.155.19.59



Tes koneksi

- Mengeping dari PC34 switch 1 ke PC 10 switch 1
- Mengeping dari PC34 switch 1 ke PC31 switch 3



PC34

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.15

Pinging 202.155.19.15 with 32 bytes of data:

Reply from 202.155.19.15: bytes=32 time=4ms TTL=128
Reply from 202.155.19.15: bytes=32 time<1ms TTL=128
Reply from 202.155.19.15: bytes=32 time=9ms TTL=128
Reply from 202.155.19.15: bytes=32 time=2ms TTL=128

Ping statistics for 202.155.19.15:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 9ms, Average = 3ms

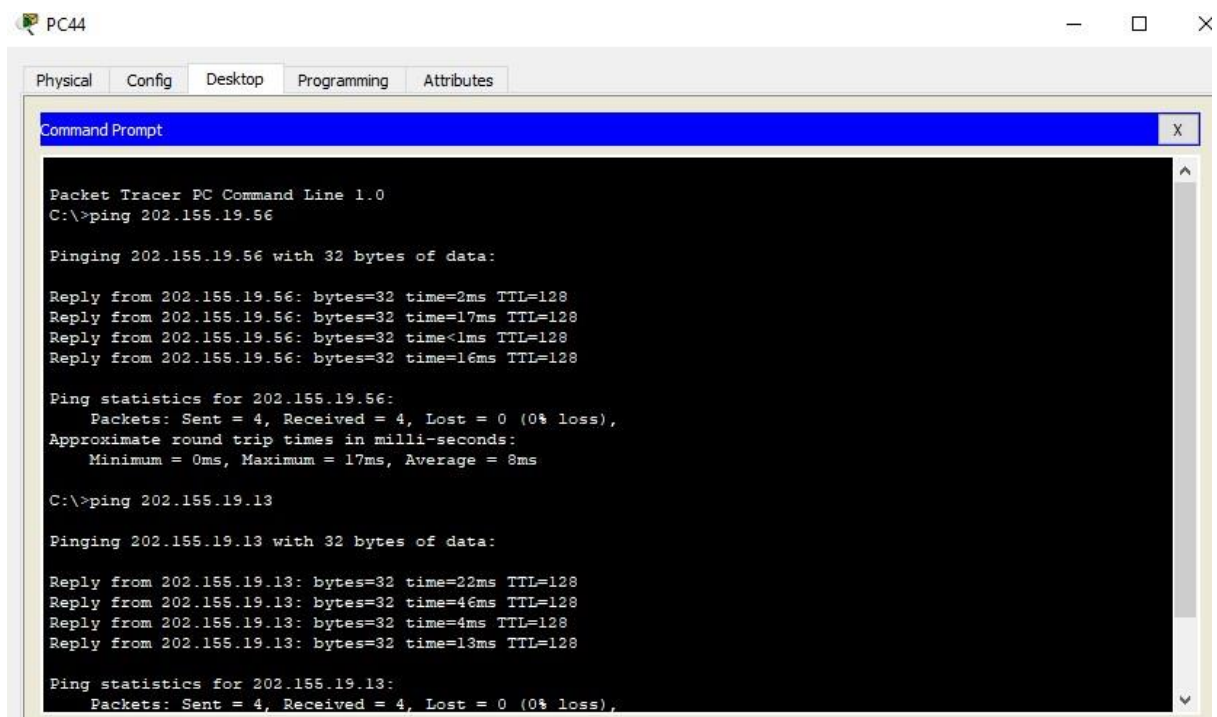
C:\>ping 202.155.19.31

Pinging 202.155.19.31 with 32 bytes of data:

Reply from 202.155.19.31: bytes=32 time=21ms TTL=128
Reply from 202.155.19.31: bytes=32 time=1ms TTL=128
Reply from 202.155.19.31: bytes=32 time=53ms TTL=128
Reply from 202.155.19.31: bytes=32 time=2ms TTL=128

Ping statistics for 202.155.19.31:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

- Mengeping dari PC44 switch 2 ke PC69 switch5
- Mengeping dari PC44 switch 2 ke PC29 switch1



PC44

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.56

Pinging 202.155.19.56 with 32 bytes of data:

Reply from 202.155.19.56: bytes=32 time=2ms TTL=128
Reply from 202.155.19.56: bytes=32 time=17ms TTL=128
Reply from 202.155.19.56: bytes=32 time<1ms TTL=128
Reply from 202.155.19.56: bytes=32 time=16ms TTL=128

Ping statistics for 202.155.19.56:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 17ms, Average = 8ms

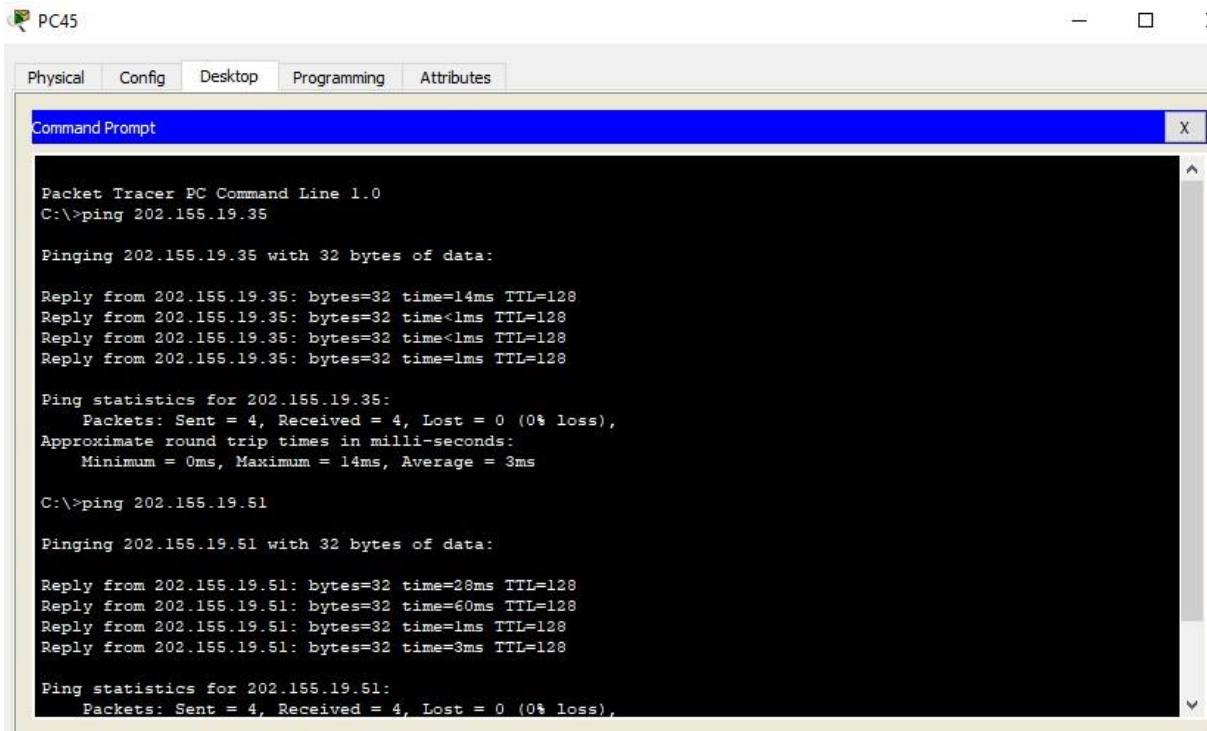
C:\>ping 202.155.19.13

Pinging 202.155.19.13 with 32 bytes of data:

Reply from 202.155.19.13: bytes=32 time=22ms TTL=128
Reply from 202.155.19.13: bytes=32 time=46ms TTL=128
Reply from 202.155.19.13: bytes=32 time=4ms TTL=128
Reply from 202.155.19.13: bytes=32 time=13ms TTL=128

Ping statistics for 202.155.19.13:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

- Mengeping dari PC45 switch 3 ke PC51 switch3
- Mengeping dari PC45 switch3 ke PC73 switch5



PC45

Physical Config Desktop Programming Attributes

Command Prompt

```

Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.35

Pinging 202.155.19.35 with 32 bytes of data:

Reply from 202.155.19.35: bytes=32 time=14ms TTL=128
Reply from 202.155.19.35: bytes=32 time<1ms TTL=128
Reply from 202.155.19.35: bytes=32 time<1ms TTL=128
Reply from 202.155.19.35: bytes=32 time=1ms TTL=128

Ping statistics for 202.155.19.35:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 14ms, Average = 3ms

C:\>ping 202.155.19.51

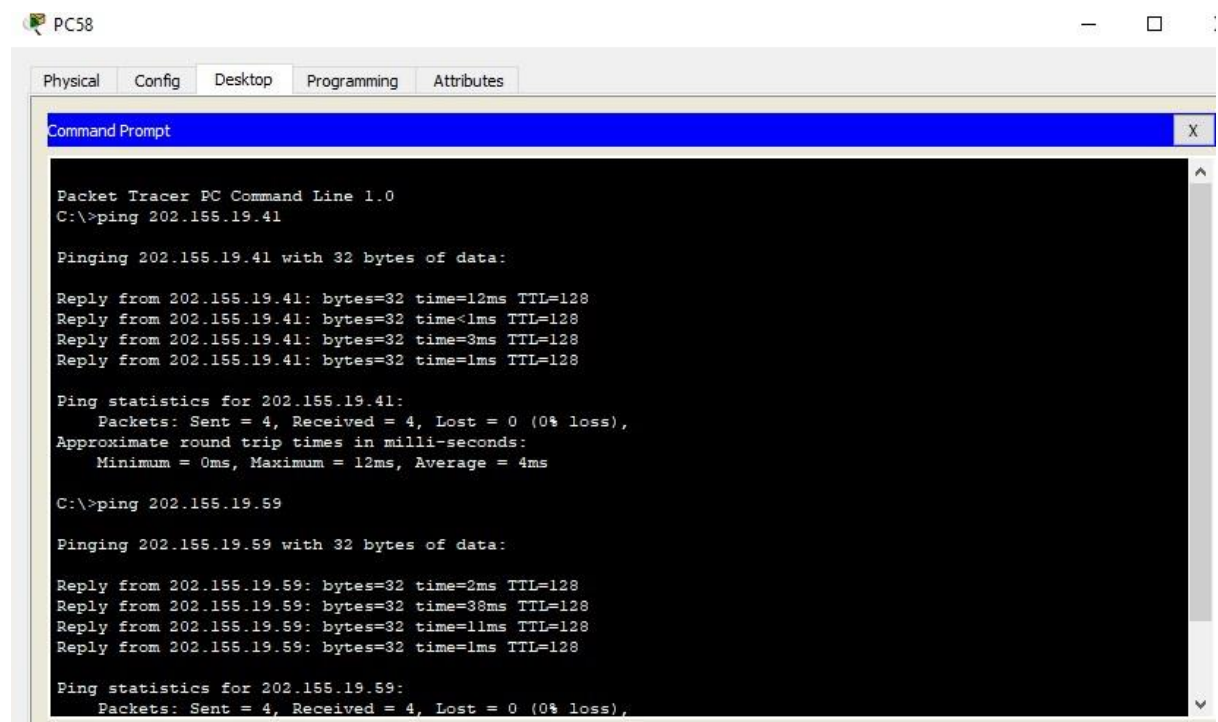
Pinging 202.155.19.51 with 32 bytes of data:

Reply from 202.155.19.51: bytes=32 time=28ms TTL=128
Reply from 202.155.19.51: bytes=32 time=60ms TTL=128
Reply from 202.155.19.51: bytes=32 time=1ms TTL=128
Reply from 202.155.19.51: bytes=32 time=3ms TTL=128

Ping statistics for 202.155.19.51:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

```

- Mengeping dari PC 58 switch 4 ke PC56 switch 4
- Mengeping dari PC58 switch 4 ke PC72 switch 5



PC58

Physical Config Desktop Programming Attributes

Command Prompt

```

Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.41

Pinging 202.155.19.41 with 32 bytes of data:

Reply from 202.155.19.41: bytes=32 time=12ms TTL=128
Reply from 202.155.19.41: bytes=32 time<1ms TTL=128
Reply from 202.155.19.41: bytes=32 time=3ms TTL=128
Reply from 202.155.19.41: bytes=32 time=1ms TTL=128

Ping statistics for 202.155.19.41:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 12ms, Average = 4ms

C:\>ping 202.155.19.59

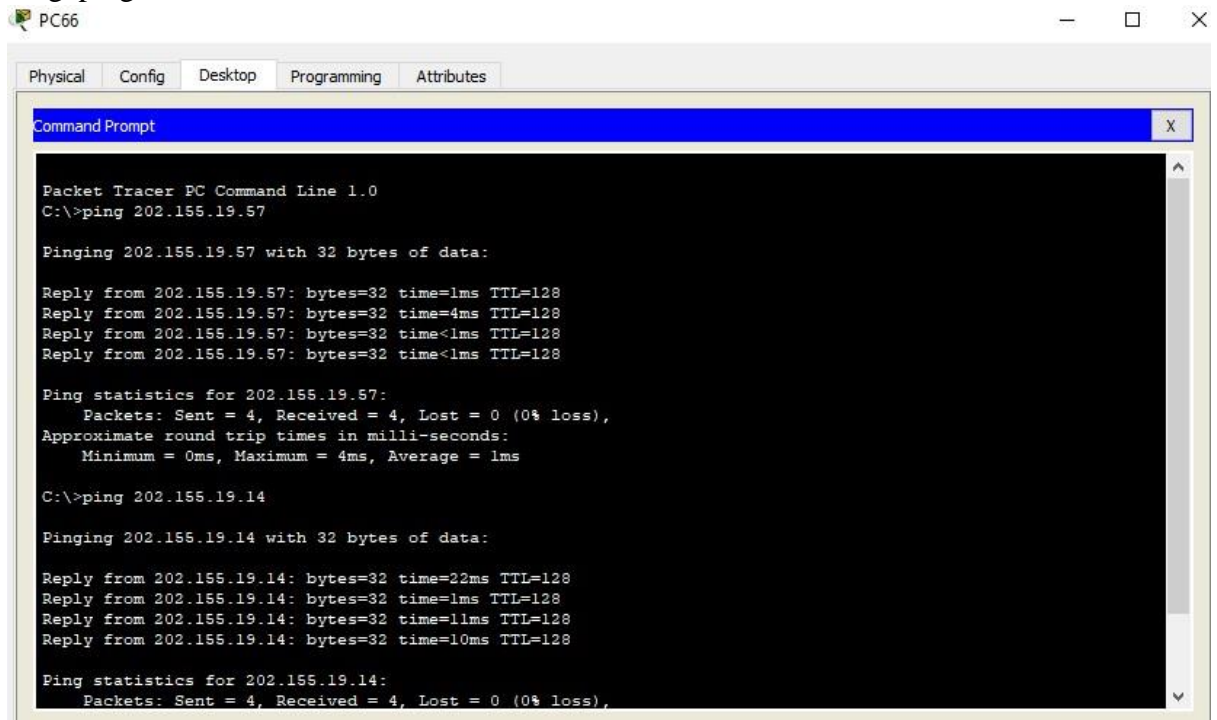
Pinging 202.155.19.59 with 32 bytes of data:

Reply from 202.155.19.59: bytes=32 time=2ms TTL=128
Reply from 202.155.19.59: bytes=32 time=38ms TTL=128
Reply from 202.155.19.59: bytes=32 time=11ms TTL=128
Reply from 202.155.19.59: bytes=32 time=1ms TTL=128

Ping statistics for 202.155.19.59:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

```


- Mengeping dari PC66 switch 5 ke PC70 switch5
- Mengeping dari PC66 switch 5 ke PC30 switch1



PC66

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.57

Pinging 202.155.19.57 with 32 bytes of data:

Reply from 202.155.19.57: bytes=32 time=1ms TTL=128
Reply from 202.155.19.57: bytes=32 time=4ms TTL=128
Reply from 202.155.19.57: bytes=32 time<1ms TTL=128
Reply from 202.155.19.57: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.57:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\>ping 202.155.19.14

Pinging 202.155.19.14 with 32 bytes of data:

Reply from 202.155.19.14: bytes=32 time=22ms TTL=128
Reply from 202.155.19.14: bytes=32 time=1ms TTL=128
Reply from 202.155.19.14: bytes=32 time=11ms TTL=128
Reply from 202.155.19.14: bytes=32 time=10ms TTL=128

Ping statistics for 202.155.19.14:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```