

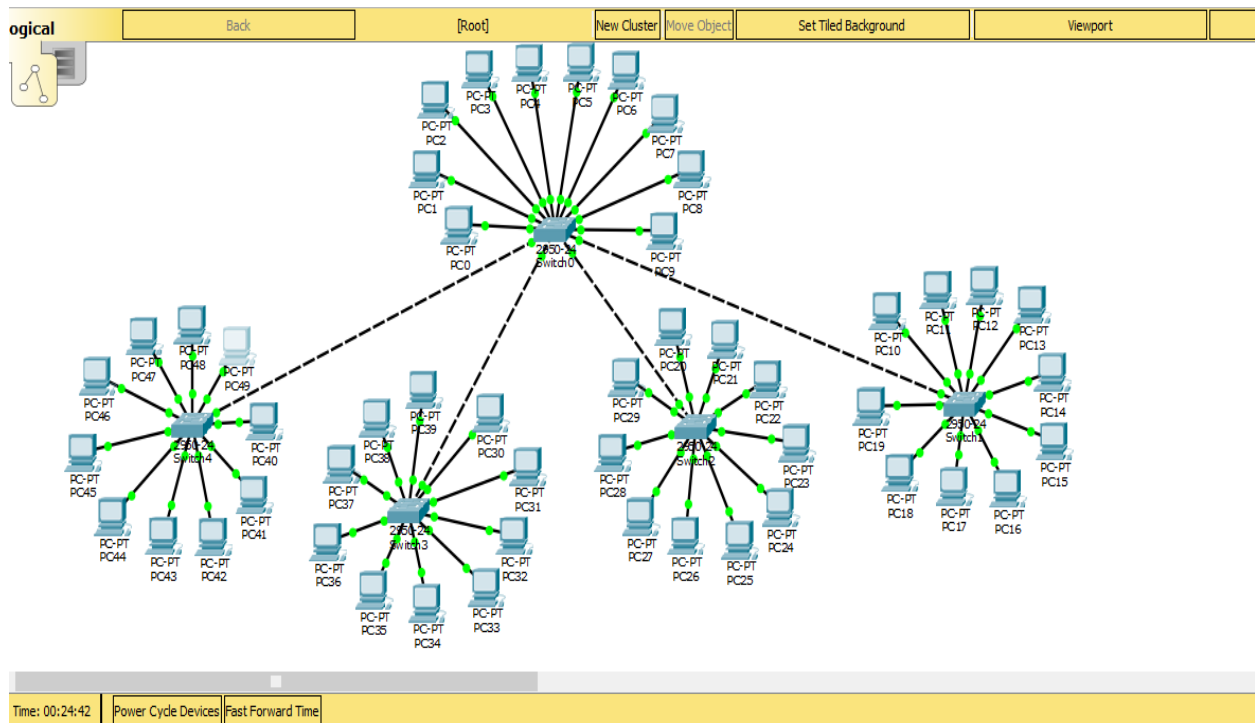
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TUGAS MODUL 2

Berikut adalah rangkaian sebelum diberi ip address:



Berikut adalah tab command prompt untuk melakukan ping ke 10 PC dari PC 0 sampai dengan PC 9 pada switch ke 0:

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.10

Pinging 192.168.10.10 with 32 bytes of data:

Reply from 192.168.10.10: bytes=32 time=23ms TTL=128
Reply from 192.168.10.10: bytes=32 time=4ms TTL=128
Reply from 192.168.10.10: bytes=32 time=2ms TTL=128
Reply from 192.168.10.10: bytes=32 time=5ms TTL=128

Ping statistics for 192.168.10.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 23ms, Average = 8ms

C:\>
C:\>ping 192.168.10.11

Pinging 192.168.10.11 with 32 bytes of data:

Reply from 192.168.10.11: bytes=32 time=161ms TTL=128
Reply from 192.168.10.11: bytes=32 time<1ms TTL=128
Reply from 192.168.10.11: bytes=32 time<1ms TTL=128
Reply from 192.168.10.11: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 161ms, Average = 40ms

C:\>ping 192.168.10.12

Pinging 192.168.10.12 with 32 bytes of data:

Reply from 192.168.10.12: bytes=32 time=10ms TTL=128
Reply from 192.168.10.12: bytes=32 time<1ms TTL=128
Reply from 192.168.10.12: bytes=32 time=1ms TTL=128
Reply from 192.168.10.12: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 10ms, Average = 2ms

C:\>ping 192.168.10.13

Pinging 192.168.10.13 with 32 bytes of data:

Reply from 192.168.10.13: bytes=32 time<1ms TTL=128
Reply from 192.168.10.13: bytes=32 time=1ms TTL=128
Reply from 192.168.10.13: bytes=32 time<1ms TTL=128
Reply from 192.168.10.13: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.13:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.10.14

Pinging 192.168.10.14 with 32 bytes of data:

Reply from 192.168.10.14: bytes=32 time<1ms TTL=128
Reply from 192.168.10.14: bytes=32 time<1ms TTL=128
Reply from 192.168.10.14: bytes=32 time<1ms TTL=128
Reply from 192.168.10.14: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.14:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.15
Ping request could not find host 192.168.15. Please check the name and try again.
C:\>ping 192.168.10.15

Pinging 192.168.10.15 with 32 bytes of data:

Reply from 192.168.10.15: bytes=32 time=1ms TTL=128
```

```
C:\>ping 192.168.10.15
```

```
Pinging 192.168.10.15 with 32 bytes of data:
```

```
Reply from 192.168.10.15: bytes=32 time=1ms TTL=128
```

```
Reply from 192.168.10.15: bytes=32 time=1ms TTL=128
```

```
Reply from 192.168.10.15: bytes=32 time<1ms TTL=128
```

```
Reply from 192.168.10.15: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.15:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:
```

```
    Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

```
C:\>ping 192.168.10.16
```

```
Pinging 192.168.10.16 with 32 bytes of data:
```

```
Reply from 192.168.10.16: bytes=32 time=10ms TTL=128
```

```
Reply from 192.168.10.16: bytes=32 time<1ms TTL=128
```

```
Reply from 192.168.10.16: bytes=32 time<1ms TTL=128
```

```
Reply from 192.168.10.16: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.16:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:
```

```
    Minimum = 0ms, Maximum = 10ms, Average = 2ms
```

```
C:\>ping 192.168.10.17
```

```
Pinging 192.168.10.17 with 32 bytes of data:
```

```
Reply from 192.168.10.17: bytes=32 time=10ms TTL=128
```

```
Reply from 192.168.10.17: bytes=32 time<1ms TTL=128
```

```
Reply from 192.168.10.17: bytes=32 time<1ms TTL=128
```

```
Reply from 192.168.10.17: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.17:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:
```

```
    Minimum = 0ms, Maximum = 10ms, Average = 2ms
```

```
Pinging 192.168.10.17 with 32 bytes of data:

Reply from 192.168.10.17: bytes=32 time=10ms TTL=128
Reply from 192.168.10.17: bytes=32 time<1ms TTL=128
Reply from 192.168.10.17: bytes=32 time<1ms TTL=128
Reply from 192.168.10.17: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.17:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 10ms, Average = 2ms

C:\>ping 192.168.10.18

Pinging 192.168.10.18 with 32 bytes of data:

Reply from 192.168.10.18: bytes=32 time<1ms TTL=128
Reply from 192.168.10.18: bytes=32 time=1ms TTL=128
Reply from 192.168.10.18: bytes=32 time<1ms TTL=128
Reply from 192.168.10.18: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.18:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.10.19

Pinging 192.168.10.19 with 32 bytes of data:

Reply from 192.168.10.19: bytes=32 time=11ms TTL=128
Reply from 192.168.10.19: bytes=32 time<1ms TTL=128
Reply from 192.168.10.19: bytes=32 time<1ms TTL=128
Reply from 192.168.10.19: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.10.19:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 11ms, Average = 3ms

C:\>|
```

Diatas adalah layar command prompt mulai dari PC dengan IP Address 192.168.10.10 sampai dengan 192.168.10.19 bisa terkoneksi dengan jaringan semua, tidak ada yang time out.

Berikut adalah tab command prompt untuk melakukan ping ke 10 PC dari PC 10 sampai dengan PC 19 pada switch ke 1:

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.20

Pinging 192.168.10.20 with 32 bytes of data:

Reply from 192.168.10.20: bytes=32 time=3ms TTL=128
Reply from 192.168.10.20: bytes=32 time=2ms TTL=128
Reply from 192.168.10.20: bytes=32 time=4ms TTL=128
Reply from 192.168.10.20: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.10.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 4ms, Average = 3ms

C:\>ping 192.168.10.21

Pinging 192.168.10.21 with 32 bytes of data:

Reply from 192.168.10.21: bytes=32 time<1ms TTL=128
Reply from 192.168.10.21: bytes=32 time<1ms TTL=128
Reply from 192.168.10.21: bytes=32 time<1ms TTL=128
Reply from 192.168.10.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.22

Pinging 192.168.10.22 with 32 bytes of data:

Reply from 192.168.10.22: bytes=32 time=3ms TTL=128
Reply from 192.168.10.22: bytes=32 time<1ms TTL=128
Reply from 192.168.10.22: bytes=32 time<1ms TTL=128
Reply from 192.168.10.22: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.22:
```

```
Ping statistics for 192.168.10.22:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 3ms, Average = 0ms
```

```
C:\>ping 192.168.10.23
```

```
Pinging 192.168.10.23 with 32 bytes of data:
```

```
Reply from 192.168.10.23: bytes=32 time=11ms TTL=128  
Reply from 192.168.10.23: bytes=32 time=2ms TTL=128  
Reply from 192.168.10.23: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.23: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.23:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 11ms, Average = 3ms
```

```
C:\>ping 192.168.10.24
```

```
Pinging 192.168.10.24 with 32 bytes of data:
```

```
Reply from 192.168.10.24: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.24: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.24: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.24: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.24:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>ping 192.168.10.25
```

```
Pinging 192.168.10.25 with 32 bytes of data:
```

```
Reply from 192.168.10.25: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.25: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.25: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.25: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.25:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>ping 192.168.10.26
```

```
Pinging 192.168.10.26 with 32 bytes of data:
```

```
Reply from 192.168.10.26: bytes=32 time=10ms TTL=128  
Reply from 192.168.10.26: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.26: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.26: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.26:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 10ms, Average = 2ms
```

```
C:\>ping 192.168.10.27
```

```
Pinging 192.168.10.27 with 32 bytes of data:
```

```
Reply from 192.168.10.27: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.27: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.27: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.27: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.27:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>ping 192.168.10.28
```

```
Pinging 192.168.10.28 with 32 bytes of data:
```

```
Reply from 192.168.10.28: bytes=32 time=1ms TTL=128  
Reply from 192.168.10.28: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.28: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.28: bytes=32 time<1ms TTL=128
```



```
Pinging 192.168.10.27 with 32 bytes of data:

Reply from 192.168.10.27: bytes=32 time<1ms TTL=128
Reply from 192.168.10.27: bytes=32 time<1ms TTL=128
Reply from 192.168.10.27: bytes=32 time<1ms TTL=128
Reply from 192.168.10.27: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.27:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.28

Pinging 192.168.10.28 with 32 bytes of data:

Reply from 192.168.10.28: bytes=32 time=1ms TTL=128
Reply from 192.168.10.28: bytes=32 time<1ms TTL=128
Reply from 192.168.10.28: bytes=32 time<1ms TTL=128
Reply from 192.168.10.28: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.28:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.10.29

Pinging 192.168.10.29 with 32 bytes of data:

Reply from 192.168.10.29: bytes=32 time=1ms TTL=128
Reply from 192.168.10.29: bytes=32 time<1ms TTL=128
Reply from 192.168.10.29: bytes=32 time=2ms TTL=128
Reply from 192.168.10.29: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.29:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 2ms, Average = 0ms

C:\>|
```

Diatas adalah layar command prompt mulai dari PC dengan IP Address 192.168.10.20 sampai dengan 192.168.10.29 bisa terkoneksi dengan jaringan semua, tidak ada yang time out.

Berikut adalah tab command prompt untuk melakukan ping ke 10 PC dari PC 20 sampai dengan PC 29 pada switch ke 2:

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.30

Pinging 192.168.10.30 with 32 bytes of data:

Reply from 192.168.10.30: bytes=32 time<1ms TTL=128
Reply from 192.168.10.30: bytes=32 time=3ms TTL=128
Reply from 192.168.10.30: bytes=32 time=1ms TTL=128
Reply from 192.168.10.30: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.30:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>ping 192.168.10.31

Pinging 192.168.10.31 with 32 bytes of data:

Reply from 192.168.10.31: bytes=32 time<1ms TTL=128
Reply from 192.168.10.31: bytes=32 time<1ms TTL=128
Reply from 192.168.10.31: bytes=32 time<1ms TTL=128
Reply from 192.168.10.31: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.31:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.32

Pinging 192.168.10.32 with 32 bytes of data:

Reply from 192.168.10.32: bytes=32 time=10ms TTL=128
Reply from 192.168.10.32: bytes=32 time<1ms TTL=128
Reply from 192.168.10.32: bytes=32 time<1ms TTL=128
Reply from 192.168.10.32: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.32:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
```

```
Ping statistics for 192.168.10.32:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 10ms, Average = 2ms
```

```
C:\>ping 192.168.10.33
```

```
Pinging 192.168.10.33 with 32 bytes of data:
```

```
Reply from 192.168.10.33: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.33: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.33: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.33: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.33:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>ping 192.168.10.34
```

```
Pinging 192.168.10.34 with 32 bytes of data:
```

```
Reply from 192.168.10.34: bytes=32 time=11ms TTL=128  
Reply from 192.168.10.34: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.34: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.34: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.34:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 11ms, Average = 2ms
```

```
C:\>ping 192.168.10.35
```

```
Pinging 192.168.10.35 with 32 bytes of data:
```

```
Reply from 192.168.10.35: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.35: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.35: bytes=32 time<1ms TTL=128  
Reply from 192.168.10.35: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.35:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>ping 192.168.10.36
```

```
Pinging 192.168.10.36 with 32 bytes of data:
```

```
Reply from 192.168.10.36: bytes=32 time<1ms TTL=128
Reply from 192.168.10.36: bytes=32 time<1ms TTL=128
Reply from 192.168.10.36: bytes=32 time<1ms TTL=128
Reply from 192.168.10.36: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.36:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>ping 192.168.10.37
```

```
Pinging 192.168.10.37 with 32 bytes of data:
```

```
Reply from 192.168.10.37: bytes=32 time<1ms TTL=128
Reply from 192.168.10.37: bytes=32 time=2ms TTL=128
Reply from 192.168.10.37: bytes=32 time<1ms TTL=128
Reply from 192.168.10.37: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.37:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 2ms, Average = 0ms
```

```
C:\>ping 192.168.10.38
```

```
Pinging 192.168.10.38 with 32 bytes of data:
```

```
Reply from 192.168.10.38: bytes=32 time<1ms TTL=128
Reply from 192.168.10.38: bytes=32 time<1ms TTL=128
Reply from 192.168.10.38: bytes=32 time<1ms TTL=128
Reply from 192.168.10.38: bytes=32 time<1ms TTL=128
```

```
Pinging 192.168.10.37 with 32 bytes of data:

Reply from 192.168.10.37: bytes=32 time<1ms TTL=128
Reply from 192.168.10.37: bytes=32 time=2ms TTL=128
Reply from 192.168.10.37: bytes=32 time<1ms TTL=128
Reply from 192.168.10.37: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.37:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 2ms, Average = 0ms

C:\>ping 192.168.10.38

Pinging 192.168.10.38 with 32 bytes of data:

Reply from 192.168.10.38: bytes=32 time<1ms TTL=128
Reply from 192.168.10.38: bytes=32 time<1ms TTL=128
Reply from 192.168.10.38: bytes=32 time<1ms TTL=128
Reply from 192.168.10.38: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.38:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.39

Pinging 192.168.10.39 with 32 bytes of data:

Reply from 192.168.10.39: bytes=32 time<1ms TTL=128
Reply from 192.168.10.39: bytes=32 time<1ms TTL=128
Reply from 192.168.10.39: bytes=32 time<1ms TTL=128
Reply from 192.168.10.39: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.39:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

Diatas adalah layar command prompt mulai dari PC dengan IP Address 192.168.10.30 sampai dengan 192.168.10.39 bisa terkoneksi dengan jaringan semua, tidak ada yang time out.

Berikut adalah tab command prompt untuk melakukan ping ke 10 PC dari PC 30 sampai dengan PC 39 pada switch ke 3:

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.40

Pinging 192.168.10.40 with 32 bytes of data:

Reply from 192.168.10.40: bytes=32 time=3ms TTL=128
Reply from 192.168.10.40: bytes=32 time=4ms TTL=128
Reply from 192.168.10.40: bytes=32 time=3ms TTL=128
Reply from 192.168.10.40: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.10.40:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 4ms, Average = 3ms

C:\>ping 192.168.10.41

Pinging 192.168.10.41 with 32 bytes of data:

Reply from 192.168.10.41: bytes=32 time<1ms TTL=128
Reply from 192.168.10.41: bytes=32 time=1ms TTL=128
Reply from 192.168.10.41: bytes=32 time<1ms TTL=128
Reply from 192.168.10.41: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.41:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

```
C:\>ping 192.168.10.42

Pinging 192.168.10.42 with 32 bytes of data:

Reply from 192.168.10.42: bytes=32 time<1ms TTL=128
Reply from 192.168.10.42: bytes=32 time<1ms TTL=128
Reply from 192.168.10.42: bytes=32 time<1ms TTL=128
Reply from 192.168.10.42: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.42:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.43

Pinging 192.168.10.43 with 32 bytes of data:

Reply from 192.168.10.43: bytes=32 time<1ms TTL=128
Reply from 192.168.10.43: bytes=32 time<1ms TTL=128
Reply from 192.168.10.43: bytes=32 time<1ms TTL=128
Reply from 192.168.10.43: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.43:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.44

Pinging 192.168.10.44 with 32 bytes of data:

Reply from 192.168.10.44: bytes=32 time=10ms TTL=128
Reply from 192.168.10.44: bytes=32 time<1ms TTL=128
Reply from 192.168.10.44: bytes=32 time<1ms TTL=128
Reply from 192.168.10.44: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.44:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 10ms, Average = 2ms

C:\>ping 192.168.10.45

Pinging 192.168.10.45 with 32 bytes of data:

Reply from 192.168.10.45: bytes=32 time=1ms TTL=128
Reply from 192.168.10.45: bytes=32 time<1ms TTL=128
Reply from 192.168.10.45: bytes=32 time=1ms TTL=128
Reply from 192.168.10.45: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.45:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.10.46

Pinging 192.168.10.46 with 32 bytes of data:

Reply from 192.168.10.46: bytes=32 time<1ms TTL=128
Reply from 192.168.10.46: bytes=32 time<1ms TTL=128
Reply from 192.168.10.46: bytes=32 time<1ms TTL=128
Reply from 192.168.10.46: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.46:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```



```
C:\>ping 192.168.10.47

Pinging 192.168.10.47 with 32 bytes of data:

Reply from 192.168.10.47: bytes=32 time<1ms TTL=128
Reply from 192.168.10.47: bytes=32 time<1ms TTL=128
Reply from 192.168.10.47: bytes=32 time<1ms TTL=128
Reply from 192.168.10.47: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.47:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.48

Pinging 192.168.10.48 with 32 bytes of data:

Reply from 192.168.10.48: bytes=32 time=1ms TTL=128
Reply from 192.168.10.48: bytes=32 time<1ms TTL=128
Reply from 192.168.10.48: bytes=32 time<1ms TTL=128
Reply from 192.168.10.48: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.48:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.10.49

Pinging 192.168.10.49 with 32 bytes of data:

Reply from 192.168.10.49: bytes=32 time=1ms TTL=128
Reply from 192.168.10.49: bytes=32 time<1ms TTL=128
Reply from 192.168.10.49: bytes=32 time<1ms TTL=128
Reply from 192.168.10.49: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.49:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

Diatas adalah layar command promt mulai dari PC dengan IP Address 192.168.10.40 sampai dengan 192.168.10.49 bisa terkoneksi dengan jaringan semua, tidak ada yang time out.

Berikut adalah tab command prompt untuk melakukan ping ke 10 PC dari PC 40 sampai dengan PC 49 pada switch ke 4:

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.50

Pinging 192.168.10.50 with 32 bytes of data:

Reply from 192.168.10.50: bytes=32 time<1ms TTL=128
Reply from 192.168.10.50: bytes=32 time<1ms TTL=128
Reply from 192.168.10.50: bytes=32 time=1ms TTL=128
Reply from 192.168.10.50: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.50:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.10.51

Pinging 192.168.10.51 with 32 bytes of data:

Reply from 192.168.10.51: bytes=32 time<1ms TTL=128
Reply from 192.168.10.51: bytes=32 time=4ms TTL=128
Reply from 192.168.10.51: bytes=32 time=21ms TTL=128
Reply from 192.168.10.51: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.51:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 21ms, Average = 6ms

C:\>ping 192.168.10.52

Pinging 192.168.10.52 with 32 bytes of data:

Reply from 192.168.10.52: bytes=32 time<1ms TTL=128
Reply from 192.168.10.52: bytes=32 time<1ms TTL=128
Reply from 192.168.10.52: bytes=32 time<1ms TTL=128
Reply from 192.168.10.52: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.10.52:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
```

```
Ping statistics for 192.168.10.52:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.10.53

Pinging 192.168.10.53 with 32 bytes of data:

Reply from 192.168.10.53: bytes=32 time=11ms TTL=128
Reply from 192.168.10.53: bytes=32 time<1ms TTL=128
Reply from 192.168.10.53: bytes=32 time<1ms TTL=128
Reply from 192.168.10.53: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.53:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 11ms, Average = 2ms

C:\>ping 192.168.10.54

Pinging 192.168.10.54 with 32 bytes of data:

Reply from 192.168.10.54: bytes=32 time<1ms TTL=128
Reply from 192.168.10.54: bytes=32 time<1ms TTL=128
Reply from 192.168.10.54: bytes=32 time=1ms TTL=128
Reply from 192.168.10.54: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.10.54:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.10.55

Pinging 192.168.10.55 with 32 bytes of data:

Reply from 192.168.10.55: bytes=32 time<1ms TTL=128
Reply from 192.168.10.55: bytes=32 time<1ms TTL=128
Reply from 192.168.10.55: bytes=32 time=3ms TTL=128
Reply from 192.168.10.55: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 192.168.10.55:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 3ms, Average = 0ms

C:\>ping 192.168.10.56

Pinging 192.168.10.56 with 32 bytes of data:

Reply from 192.168.10.56: bytes=32 time<1ms TTL=128
Reply from 192.168.10.56: bytes=32 time<1ms TTL=128
Reply from 192.168.10.56: bytes=32 time<1ms TTL=128
Reply from 192.168.10.56: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.56:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.57

Pinging 192.168.10.57 with 32 bytes of data:

Reply from 192.168.10.57: bytes=32 time<1ms TTL=128
Reply from 192.168.10.57: bytes=32 time<1ms TTL=128
Reply from 192.168.10.57: bytes=32 time<1ms TTL=128
Reply from 192.168.10.57: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.57:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.58

Pinging 192.168.10.58 with 32 bytes of data:

Reply from 192.168.10.58: bytes=32 time<1ms TTL=128
Reply from 192.168.10.58: bytes=32 time<1ms TTL=128
Reply from 192.168.10.58: bytes=32 time<1ms TTL=128
Reply from 192.168.10.58: bytes=32 time<1ms TTL=128
```

```
Pinging 192.168.10.57 with 32 bytes of data:

Reply from 192.168.10.57: bytes=32 time<1ms TTL=128
Reply from 192.168.10.57: bytes=32 time<1ms TTL=128
Reply from 192.168.10.57: bytes=32 time<1ms TTL=128
Reply from 192.168.10.57: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.57:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.58

Pinging 192.168.10.58 with 32 bytes of data:

Reply from 192.168.10.58: bytes=32 time<1ms TTL=128
Reply from 192.168.10.58: bytes=32 time<1ms TTL=128
Reply from 192.168.10.58: bytes=32 time<1ms TTL=128
Reply from 192.168.10.58: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.58:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.10.59

Pinging 192.168.10.59 with 32 bytes of data:

Reply from 192.168.10.59: bytes=32 time<1ms TTL=128
Reply from 192.168.10.59: bytes=32 time<1ms TTL=128
Reply from 192.168.10.59: bytes=32 time<1ms TTL=128
Reply from 192.168.10.59: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.59:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

Diatas adalah layar command prompt mulai dari PC dengan IP Address 192.168.10.50 sampai dengan 192.168.10.59 bisa terkoneksi dengan jaringan semua, tidak ada yang time out.

Berikut adalah rangkaian setelah diberi ip address:

