

Nama : Sidiq Zainudin

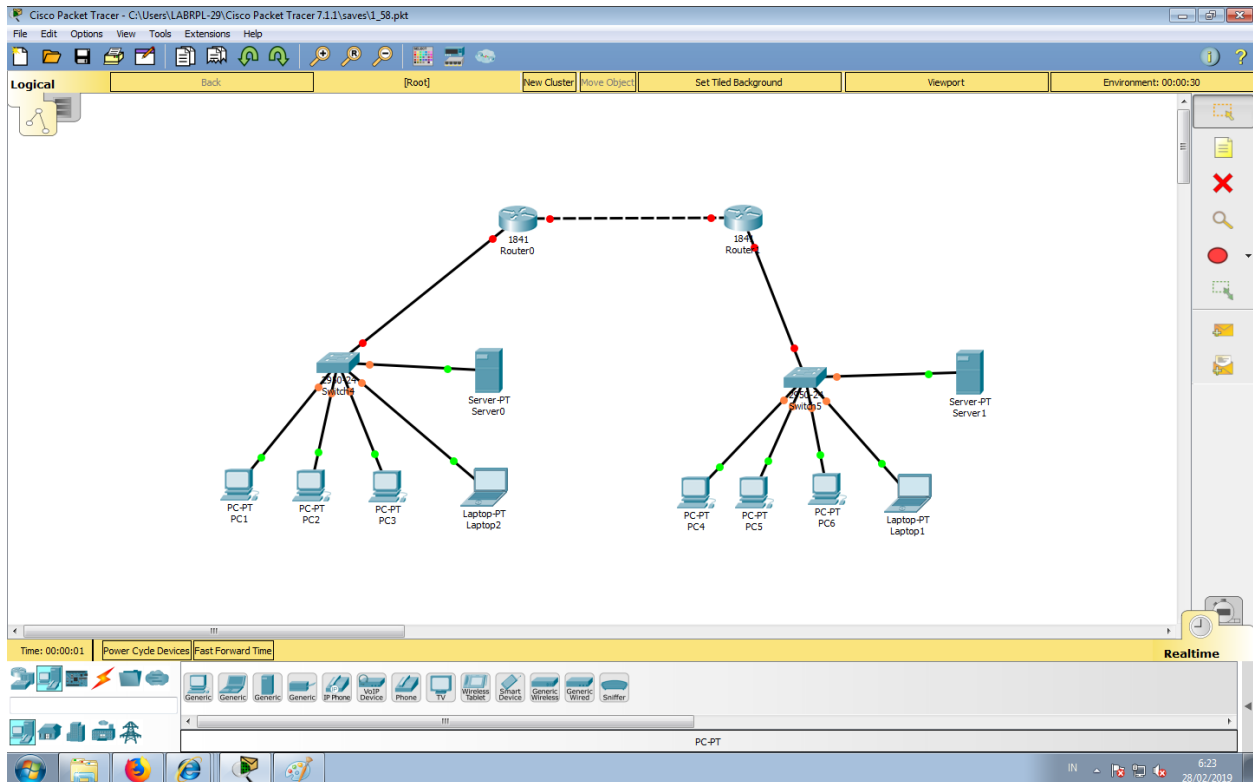
NIM : L200170058

Kelas : B

Modul ke : 2

Kegiatan 1

Rancangan jaringan Komputer

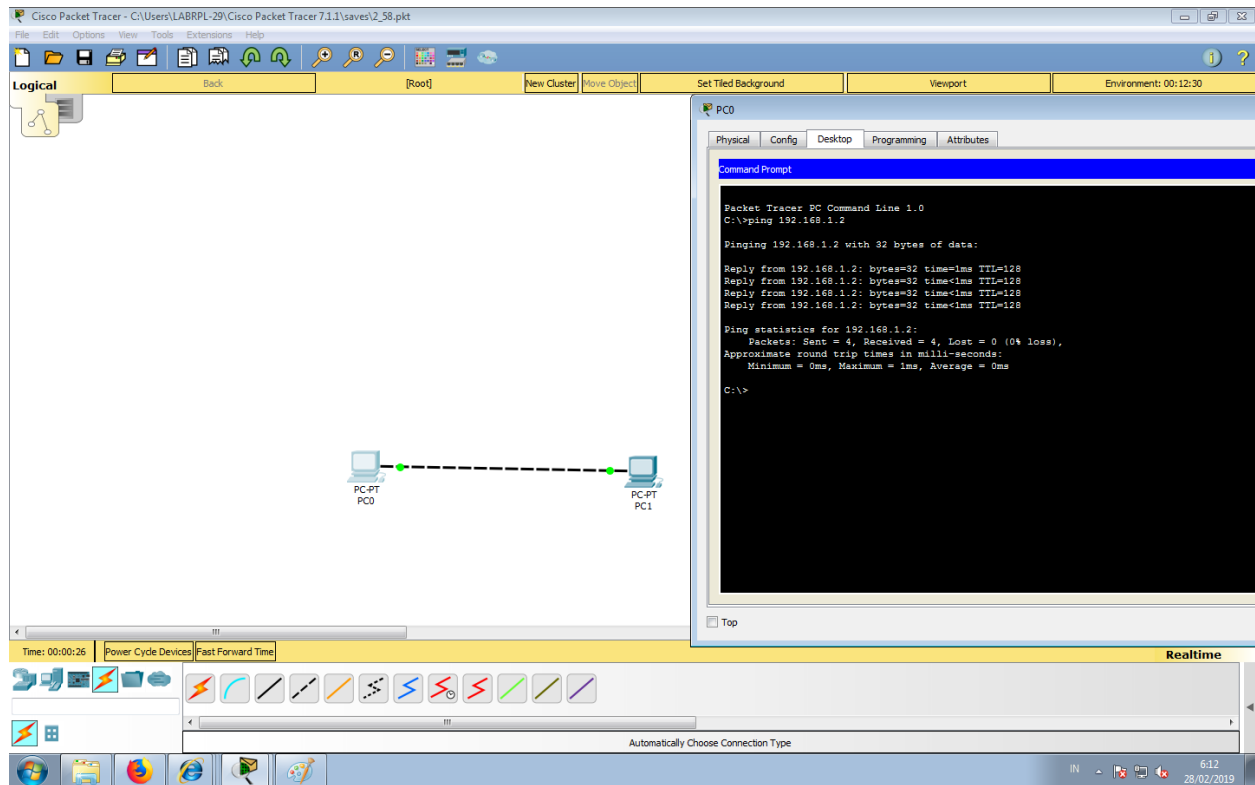


Penjelasan indikatif

- Warna merah menunjukkan bahwa kabel tidak terhubung atau terjadi kesalahan kabel.
- Warna orange menunjukkan sedang terjadi proses instalasi / pengenalan
- Warna hijau menunjukkan kabel berhasil menghubungkan perangkat satu sama lainnya.

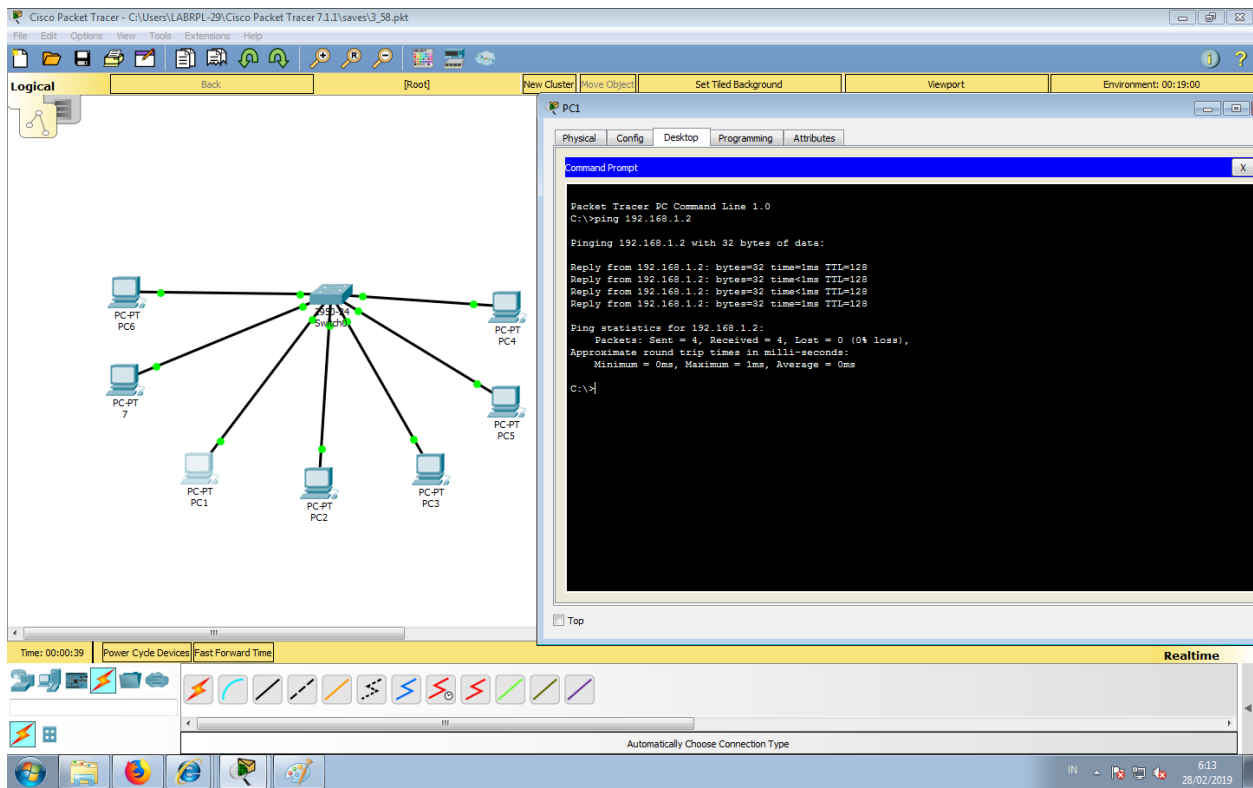
Kegiatan 2.

Rancangan gambar dan setelah dilakukan ping ke alamat ip.

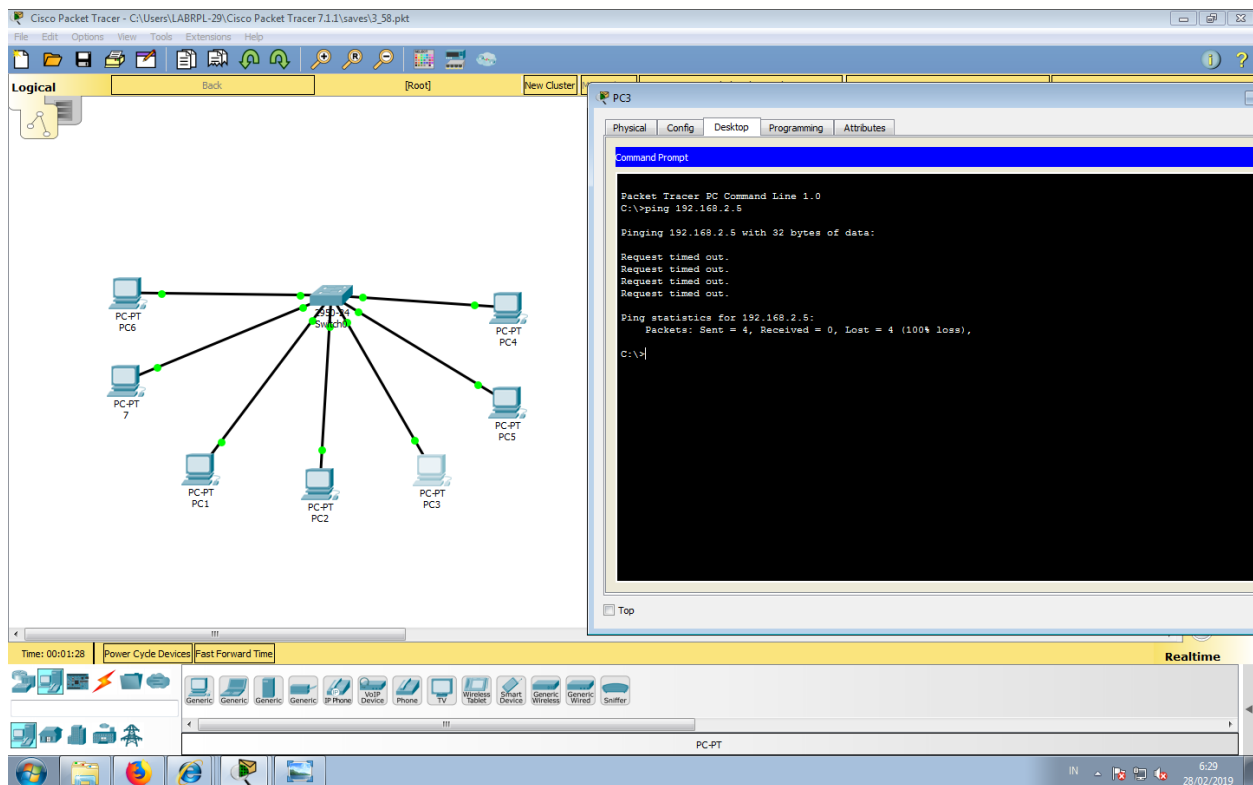


Kegiatan 3.

Rancangan gambar dan setelah dilakukan ping PC1 ke PC2



Rancangan gambar dan setelah dilakukan ping PC3 ke PC5



Kegiatan 4.

Rangkaian gambar dan setelah dilakukan ping ke alamat ip

The image displays two screenshots of the Cisco Packet Tracer interface, illustrating a network setup and the results of ping tests.

Top Screenshot: The network diagram shows three devices: PC-PT PC0, AccessPoint-PT Access Point0, and PC-PT PC1. The PC1's Command Prompt window is open, showing the following output:

```
Packet Tracer PC Command Line 1.0
C:\>
ping 192.168.123.2

Pinging 192.168.123.2 with 32 bytes of data:

Reply from 192.168.123.2: bytes=32 time=7ms TTL=128
Reply from 192.168.123.2: bytes=32 time=2ms TTL=128
Reply from 192.168.123.2: bytes=32 time=3ms TTL=128
Reply from 192.168.123.2: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.123.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 7ms, Average = 3ms

C:\>ping 192.168.123.1

Pinging 192.168.123.1 with 32 bytes of data:

Reply from 192.168.123.1: bytes=32 time=26ms TTL=128
Reply from 192.168.123.1: bytes=32 time=12ms TTL=128
Reply from 192.168.123.1: bytes=32 time=9ms TTL=128
Reply from 192.168.123.1: bytes=32 time=14ms TTL=128

Ping statistics for 192.168.123.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 9ms, Maximum = 26ms, Average = 15ms

C:\>
```

Bottom Screenshot: The network diagram is the same, but the PC0's Command Prompt window is open, showing the following output:

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.2

Pinging 192.168.123.2 with 32 bytes of data:

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

Ping statistics for 192.168.123.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.123.2

Pinging 192.168.123.2 with 32 bytes of data:

Reply from 192.168.123.2: bytes=32 time=33ms TTL=128
Reply from 192.168.123.2: bytes=32 time=16ms TTL=128
Reply from 192.168.123.2: bytes=32 time=17ms TTL=128
Reply from 192.168.123.2: bytes=32 time=9ms TTL=128

Ping statistics for 192.168.123.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 9ms, Maximum = 33ms, Average = 18ms

C:\>
```

TUGAS

Rancangan gambar jaringan terdiri dari 5 Switch dan 50 pc dan setelah dilakukan ping ke alamat ip terakhir.

