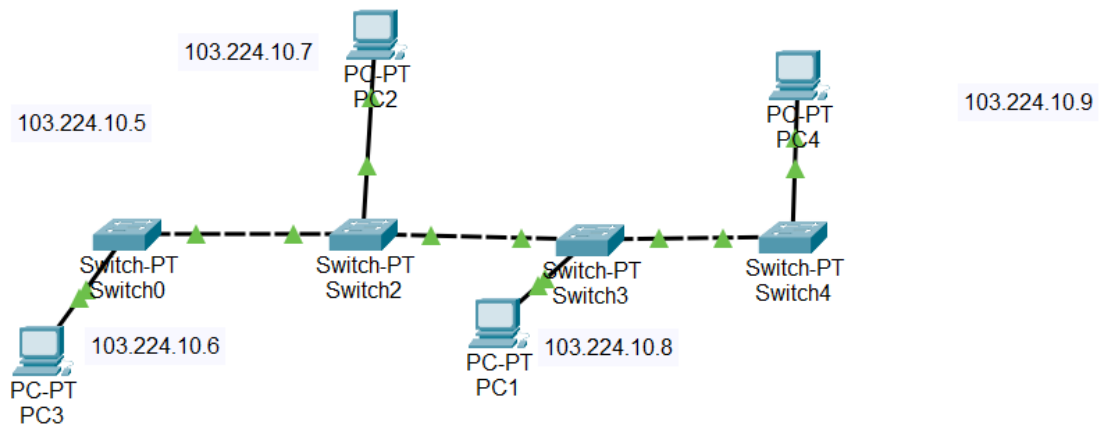


Assignment I – Every Topology

Name: Nandakumar Govind

Roll Number: AM.EN.U4ECE22029

1. BUS



Command Prompt

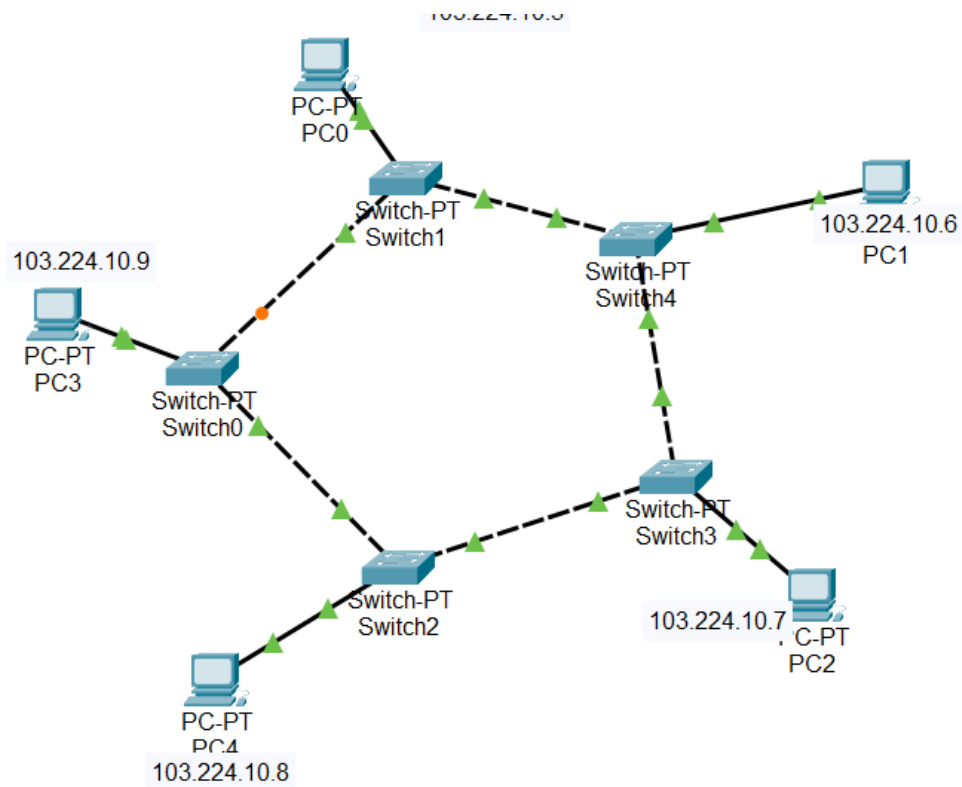
```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 103.224.10.8

Pinging 103.224.10.8 with 32 bytes of data:

Reply from 103.224.10.8: bytes=32 time=15ms TTL=128
Reply from 103.224.10.8: bytes=32 time<1ms TTL=128
Reply from 103.224.10.8: bytes=32 time<1ms TTL=128
Reply from 103.224.10.8: bytes=32 time<1ms TTL=128

Ping statistics for 103.224.10.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 15ms, Average = 3ms
```

1. Ring



Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 103.224.10.7

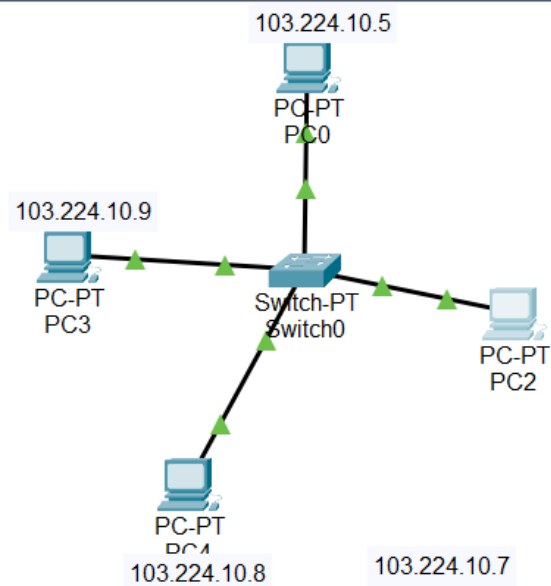
Pinging 103.224.10.7 with 32 bytes of data:

Reply from 103.224.10.7: bytes=32 time<1ms TTL=128
Reply from 103.224.10.7: bytes=32 time<1ms TTL=128
Reply from 103.224.10.7: bytes=32 time<1ms TTL=128
Reply from 103.224.10.7: bytes=32 time=1ms TTL=128

Ping statistics for 103.224.10.7:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>|
```

2. Star



```
C:\>ping 103.224.10.9
```

```
Pinging 103.224.10.9 with 32 bytes of data:
```

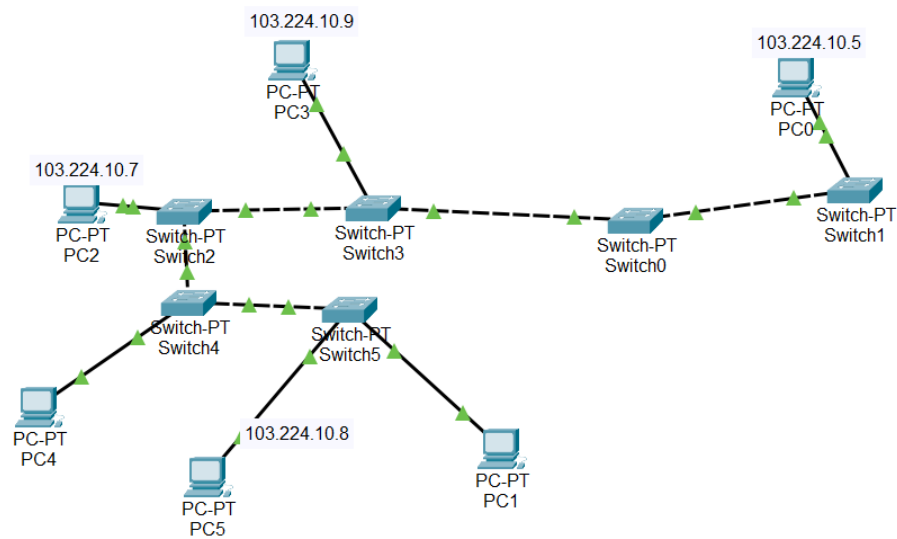
```
Reply from 103.224.10.9: bytes=32 time<1ms TTL=128
Reply from 103.224.10.9: bytes=32 time<1ms TTL=128
Reply from 103.224.10.9: bytes=32 time<1ms TTL=128
Reply from 103.224.10.9: bytes=32 time<1ms TTL=128
```

```
Ping statistics for 103.224.10.9:
```

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

```
C:\>|
```

3. Tree



Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 103.224.10.8

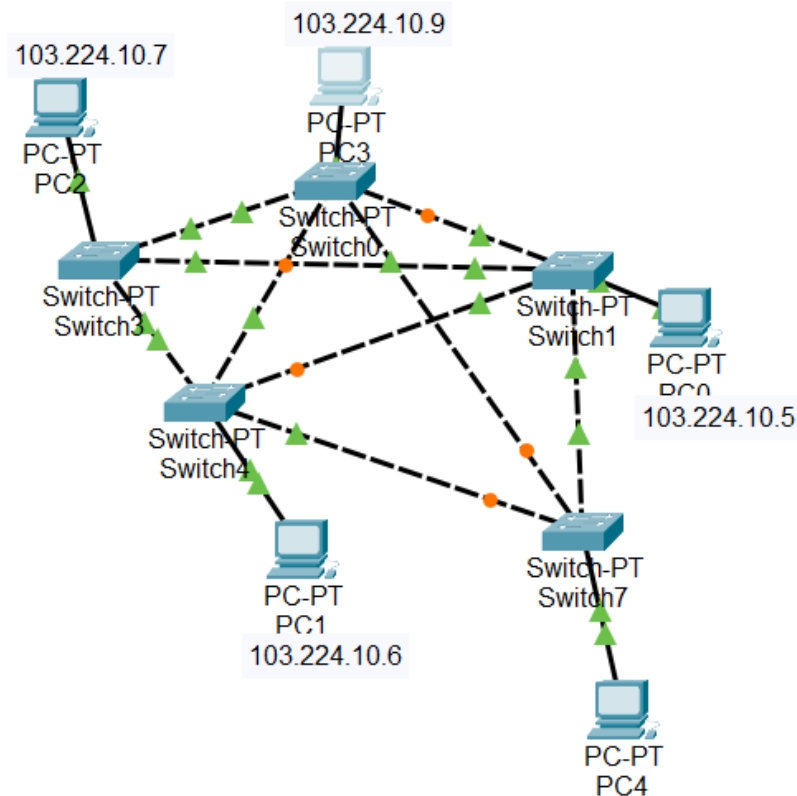
Pinging 103.224.10.8 with 32 bytes of data:

Reply from 103.224.10.8: bytes=32 time<1ms TTL=128
Reply from 103.224.10.8: bytes=32 time=1ms TTL=128
Reply from 103.224.10.8: bytes=32 time<1ms TTL=128
Reply from 103.224.10.8: bytes=32 time<1ms TTL=128

Ping statistics for 103.224.10.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>|
```

4. Mesh



Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 103.224.10.6

Pinging 103.224.10.6 with 32 bytes of data:

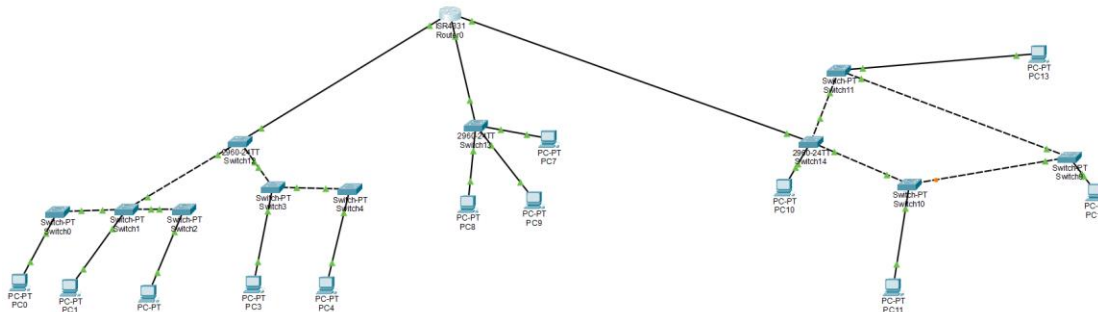
Reply from 103.224.10.6: bytes=32 time<1ms TTL=128
Reply from 103.224.10.6: bytes=32 time=6ms TTL=128
Reply from 103.224.10.6: bytes=32 time<1ms TTL=128
Reply from 103.224.10.6: bytes=32 time<1ms TTL=128

Ping statistics for 103.224.10.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 6ms, Average = 1ms
```

ASSIGNMENT II - 3 LANS CONNECTED VIA A SINGLE ROUTER

Name: Nandakumar Govind

Roll Number: AM.EN.U4ECE22029



```
C:\>ping 220.29.10.9

Pinging 220.29.10.9 with 32 bytes of data:

Reply from 220.29.10.9: bytes=32 time=1ms TTL=127
Reply from 220.29.10.9: bytes=32 time=1ms TTL=127
Reply from 220.29.10.9: bytes=32 time<1ms TTL=127
Reply from 220.29.10.9: bytes=32 time=4ms TTL=127

Ping statistics for 220.29.10.9:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\>
```

ROUTER CONFIG

GigabitEthernet0/0/0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 1000 Mbps <input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0060.47B2.1501
IP Configuration	
IPv4 Address	220.29.10.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10

GigabitEthernet0/0/1	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 1000 Mbps <input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0060.47B2.1502
IP Configuration	
IPv4 Address	220.29.11.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10

GigabitEthernet0/0/2	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 1000 Mbps <input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0060.47B2.1503
IP Configuration	
IPv4 Address	220.29.12.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10