



Universidad Politécnica de Tecámac

Materia: Fundamentos de redes

Profesor: Ilse Viridiana Sandoval González

Trabajo: Configuración de dispositivos de red

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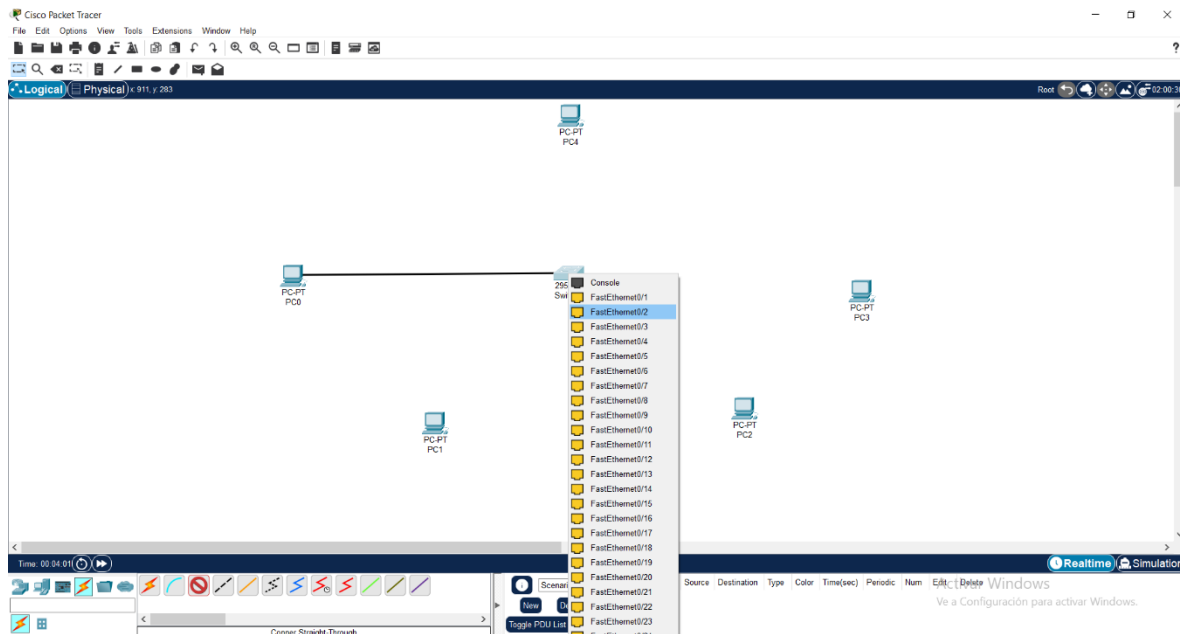
Grupo: 1523IS

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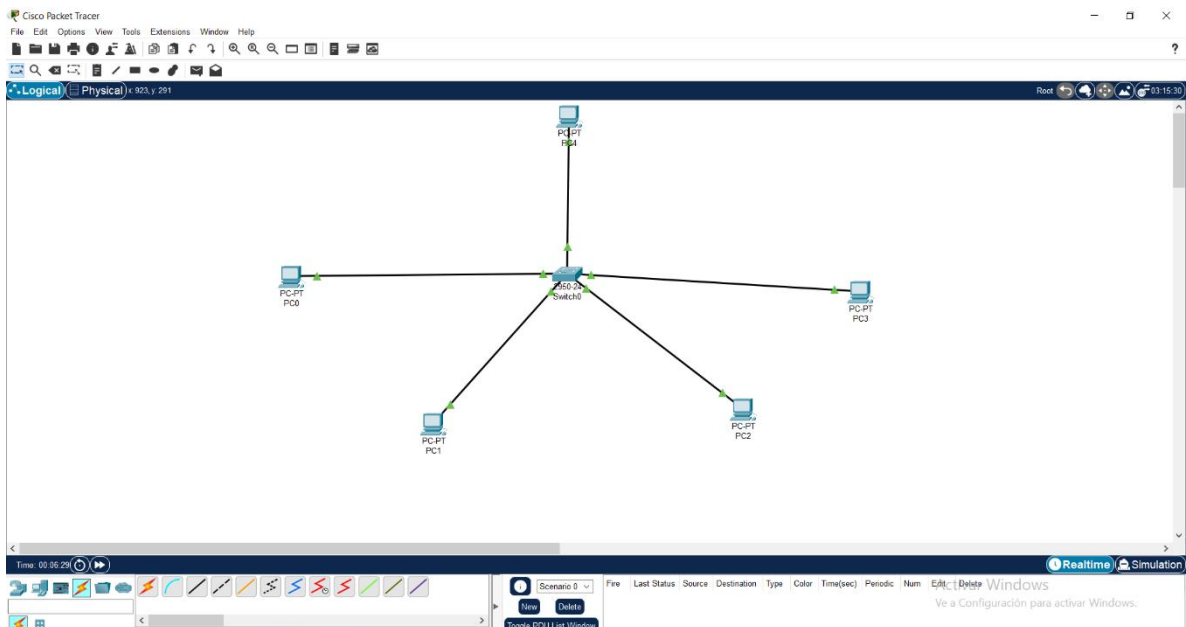
CREAR LA CONEXIÓN

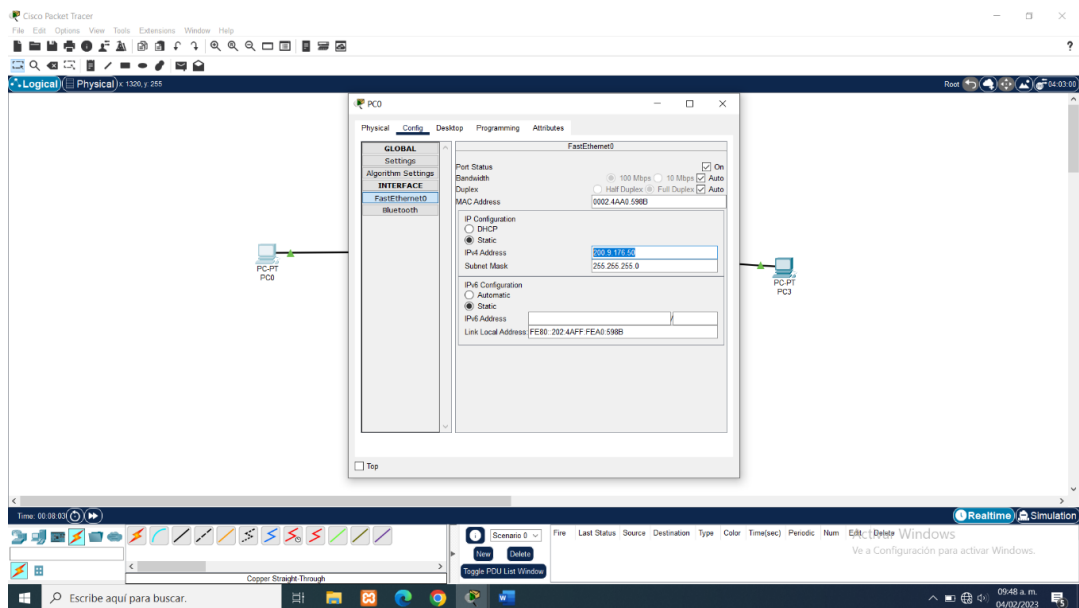


se realiza la conexión entre las computadoras y el switch se debe conectar a partir del puerto dos para establecer conexión

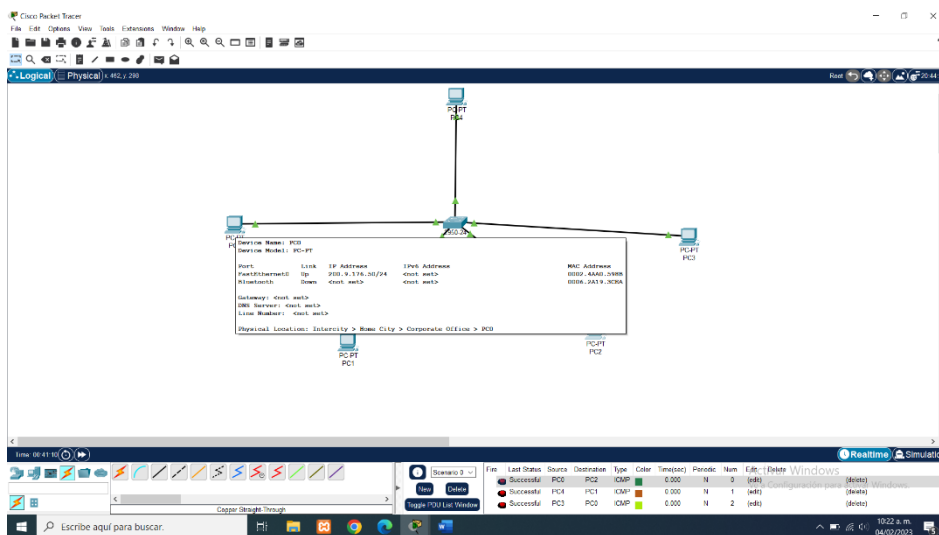
SE ESTABLECE CONEXIÓN

cuando establece la conexión se marcarán unas flechas de color verde

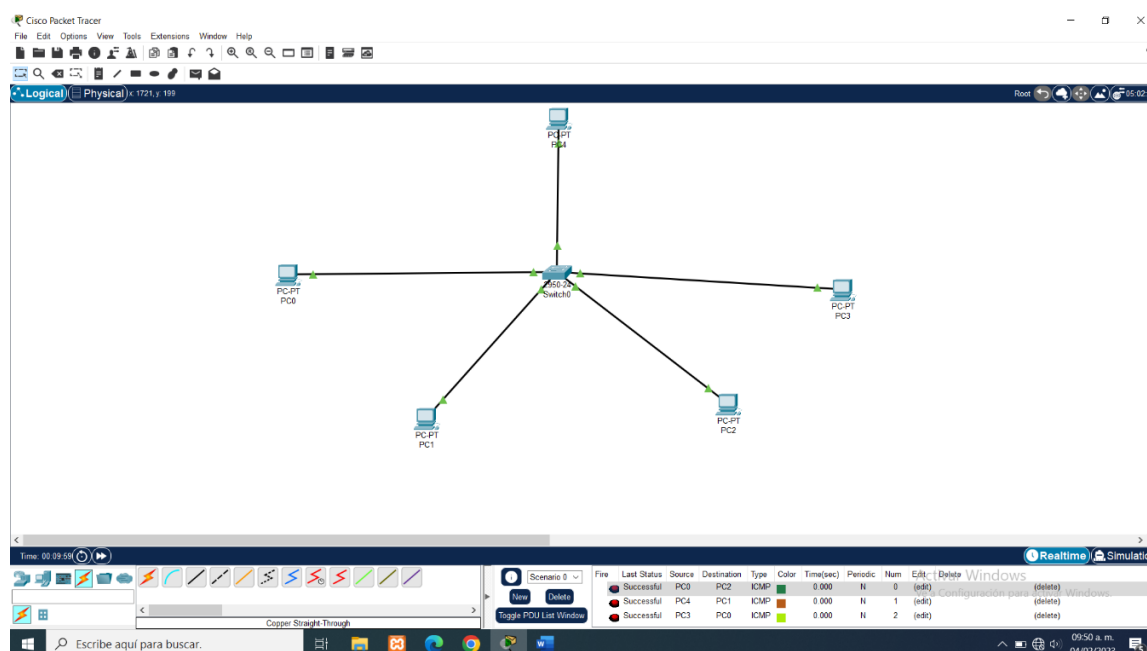




En empezaremos a colocar las ip de las pc que da clase c y los parámetros para esta , recordar que el host de la ip debe ser diferente para la comunicación.



COMUNICACIÓN ENTRE LAS PC



Para que inicie la comunicación entre las pc se selecciona el icono de forma de carta se selecciona la pc 1 y luego la pc 2 para que se establezca conexión cuando se establezca la conexión entre las pc va a aparecer la palabra SUCCESSFUL, esto quiere decir que se establece la comunicación.

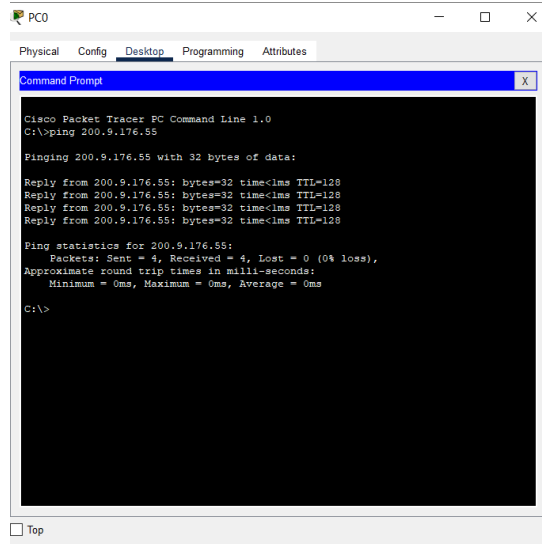
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC2	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC0	PC3	ICMP		0.000	N	2	(edit)	(delete)
	Successful	PC0	PC4	ICMP		0.000	N	3	(edit)	(delete)

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC1	PC2	ICMP		0.000	N	4	(edit)	(delete)
	Successful	PC1	PC3	ICMP		0.000	N	5	(edit)	(delete)
	Successful	PC1	PC4	ICMP		0.000	N	6	(edit)	(delete)

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC2	PC4	ICMP		0.000	N	8	(edit)	(delete)
	Successful	PC2	PC0	ICMP		0.000	N	9	(edit)	(delete)
	Successful	PC2	PC1	ICMP		0.000	N	10	(edit)	(delete)

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC4	PC0	ICMP		0.000	N	11	(edit)	(delete)
	Successful	PC4	PC1	ICMP		0.000	N	12	(edit)	(delete)
	Successful	PC4	PC2	ICMP		0.000	N	13	(edit)	(delete)

DESKTOP



```
PC
Physical Config Desktop Programming Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 200.9.176.55

Pinging 200.9.176.55 with 32 bytes of data:

Reply from 200.9.176.55: bytes=32 time<1ms TTL=128
Reply from 200.9.176.55: bytes=32 time<1ms TTL=128
Reply from 200.9.176.55: bytes=32 time<1ms TTL=128
Reply from 200.9.176.55: bytes=32 time<1ms TTL=128

Ping statistics for 200.9.176.55:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

```
Pinging 200.9.176.52 with 32 bytes of data:
Reply from 200.9.176.52: bytes=32 time<1ms TTL=128
Reply from 200.9.176.52: bytes=32 time<1ms TTL=128
Reply from 200.9.176.52: bytes=32 time<1ms TTL=128
Reply from 200.9.176.52: bytes=32 time<1ms TTL=128

Ping statistics for 200.9.176.52:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 12ms, Average = 7ms

C:\>ping 200.9.176.53

Pinging 200.9.176.53 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 200.9.176.53:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 200.9.176.54

Pinging 200.9.176.54 with 32 bytes of data:
Reply from 200.9.176.54: bytes=32 time<1ms TTL=128
Reply from 200.9.176.54: bytes=32 time<1ms TTL=128
Reply from 200.9.176.54: bytes=32 time<1ms TTL=128
Reply from 200.9.176.54: bytes=32 time<1ms TTL=128

Ping statistics for 200.9.176.54:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 200.9.176.55

Pinging 200.9.176.55 with 32 bytes of data:
Reply from 200.9.176.55: bytes=32 time<1ms TTL=128
Reply from 200.9.176.55: bytes=32 time<1ms TTL=128
Reply from 200.9.176.55: bytes=32 time<1ms TTL=128
Reply from 200.9.176.55: bytes=32 time<1ms TTL=128

Ping statistics for 200.9.176.55:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

```
Cisco Packet Tracer PC Command Line 1.0
C:\>pan 200.9.176.56
Invalid Command.

C:\>ping 200.9.176.56

Pinging 200.9.176.56 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 200.9.176.56:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 200.9.176.55

Pinging 200.9.176.55 with 32 bytes of data:
Reply from 200.9.176.55: bytes=32 time=7ms TTL=128
Reply from 200.9.176.55: bytes=32 time=2ms TTL=128
Reply from 200.9.176.55: bytes=32 time=8ms TTL=128
Reply from 200.9.176.55: bytes=32 time=10ms TTL=128

Ping statistics for 200.9.176.55:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 7ms, Maximum = 25ms, Average = 12ms

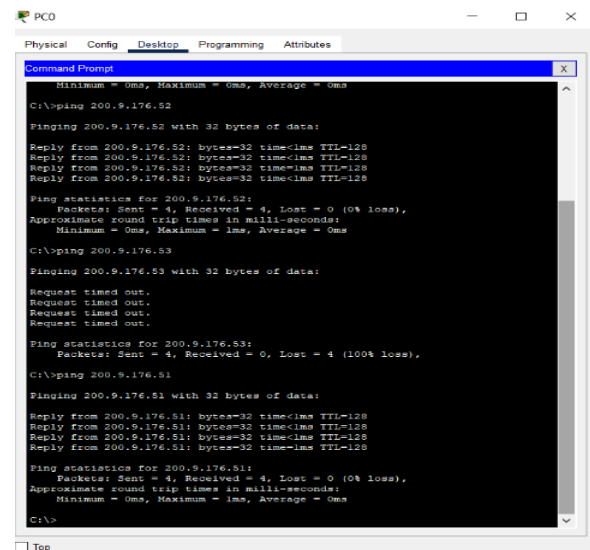
C:\>ping 200.9.176.54

Pinging 200.9.176.54 with 32 bytes of data:
Reply from 200.9.176.54: bytes=32 time<1ms TTL=128
Reply from 200.9.176.54: bytes=32 time<1ms TTL=128
Reply from 200.9.176.54: bytes=32 time<1ms TTL=128
Reply from 200.9.176.54: bytes=32 time<1ms TTL=128

Ping statistics for 200.9.176.54:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 200.9.176.53

Pinging 200.9.176.53 with 32 bytes of data:
Request timed out.
Request timed out.
```



```
PC
Physical Config Desktop Programming Attributes
Command Prompt
Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 200.9.176.52

Pinging 200.9.176.52 with 32 bytes of data:
Reply from 200.9.176.52: bytes=32 time<1ms TTL=128
Reply from 200.9.176.52: bytes=32 time<1ms TTL=128
Reply from 200.9.176.52: bytes=32 time<1ms TTL=128
Reply from 200.9.176.52: bytes=32 time<1ms TTL=128

Ping statistics for 200.9.176.52:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 200.9.176.53

Pinging 200.9.176.53 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 200.9.176.53:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 200.9.176.51

Pinging 200.9.176.51 with 32 bytes of data:
Reply from 200.9.176.51: bytes=32 time<1ms TTL=128
Reply from 200.9.176.51: bytes=32 time<1ms TTL=128
Reply from 200.9.176.51: bytes=32 time<1ms TTL=128
Reply from 200.9.176.51: bytes=32 time<1ms TTL=128

Ping statistics for 200.9.176.51:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

Se abre la terminal para realizar y ver que la conexión se correcta entre las maquinas por lo cual daremos el ping 200.9.176.50 nos lanzara los resultados de cuatro enviados y cuatro recibidos.