

## El diseño lógico de la red

Instituto Tecnológico y de Estudios Superiores de Monterrey  
Campus: Santa Fé

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Luis Dario Hinojosa Quijada

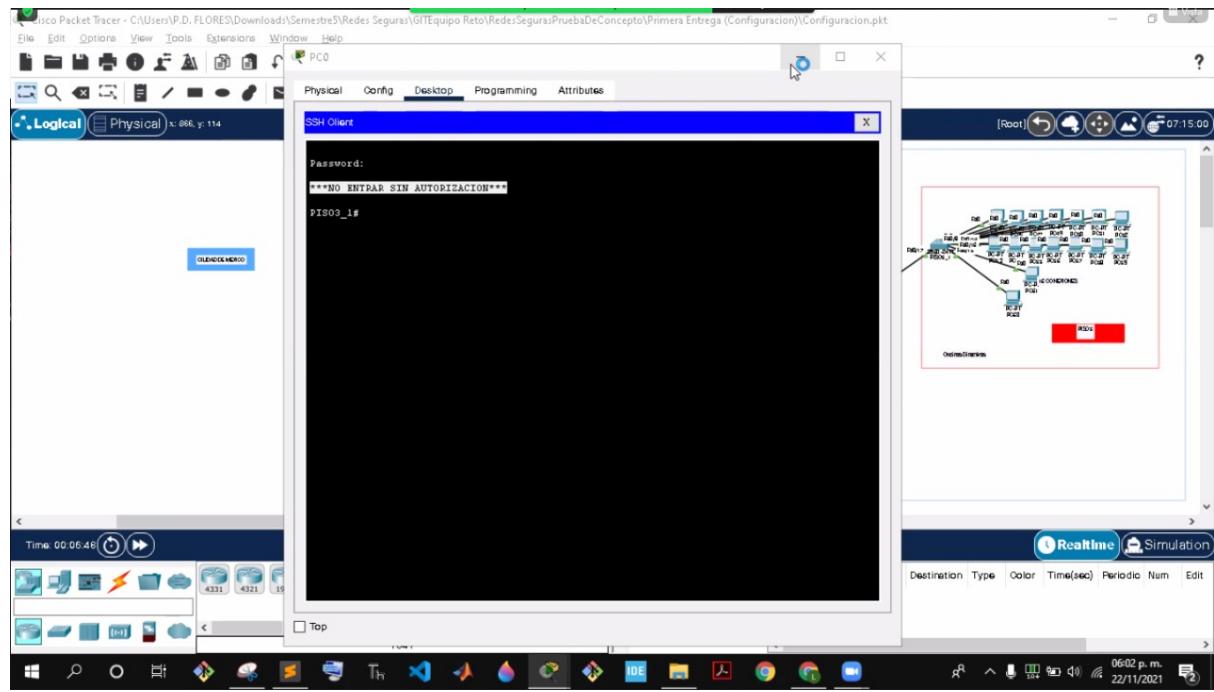
A01274880  
A01028822

Implementación de Redes Seguras

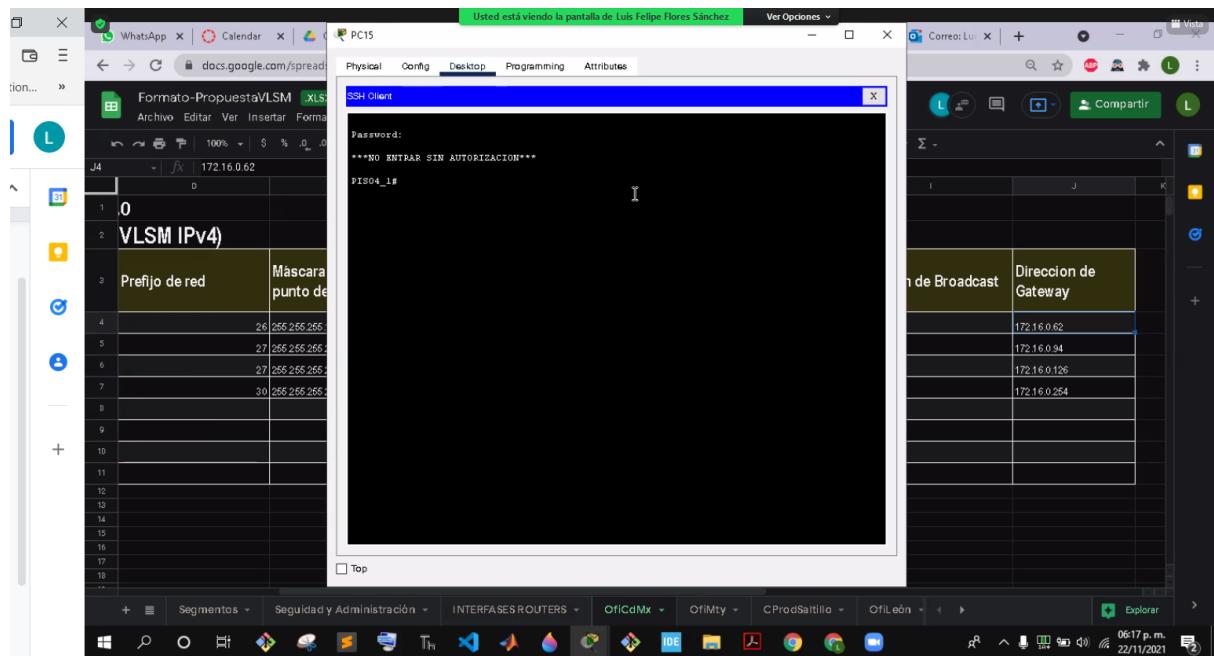
Profesor: Guillermo Escobar Arriaga

Santa Fe, 22 Noviembre , 2021  
[A01274880@itesm.mx](mailto:A01274880@itesm.mx)

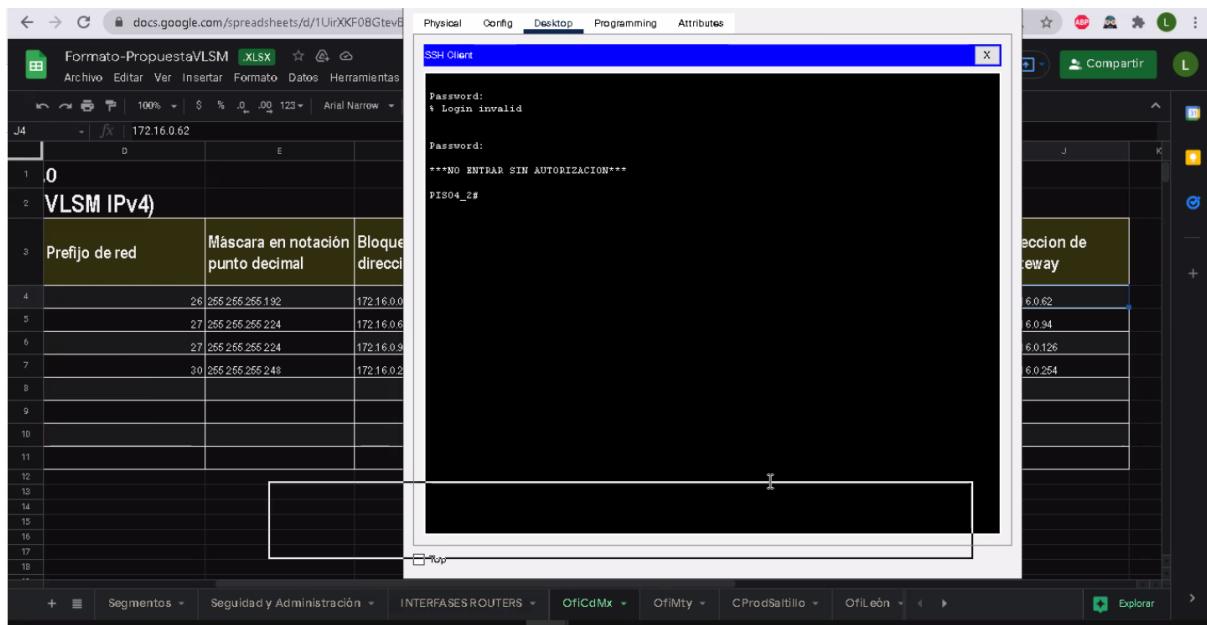
PISO3\_1:



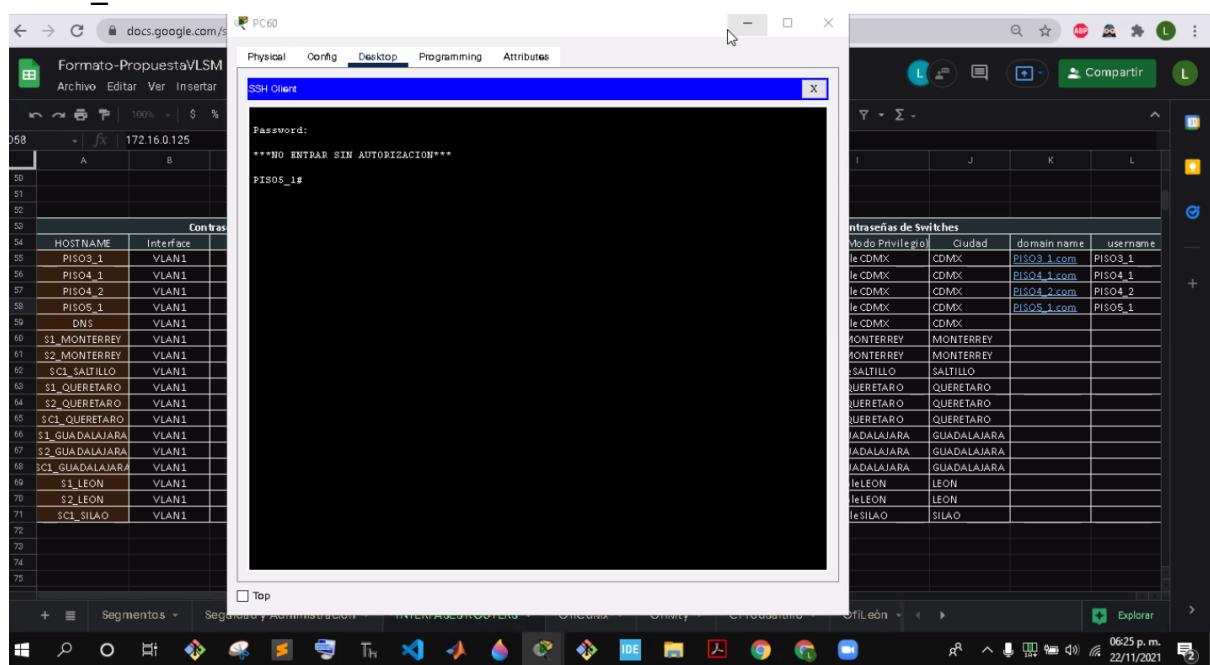
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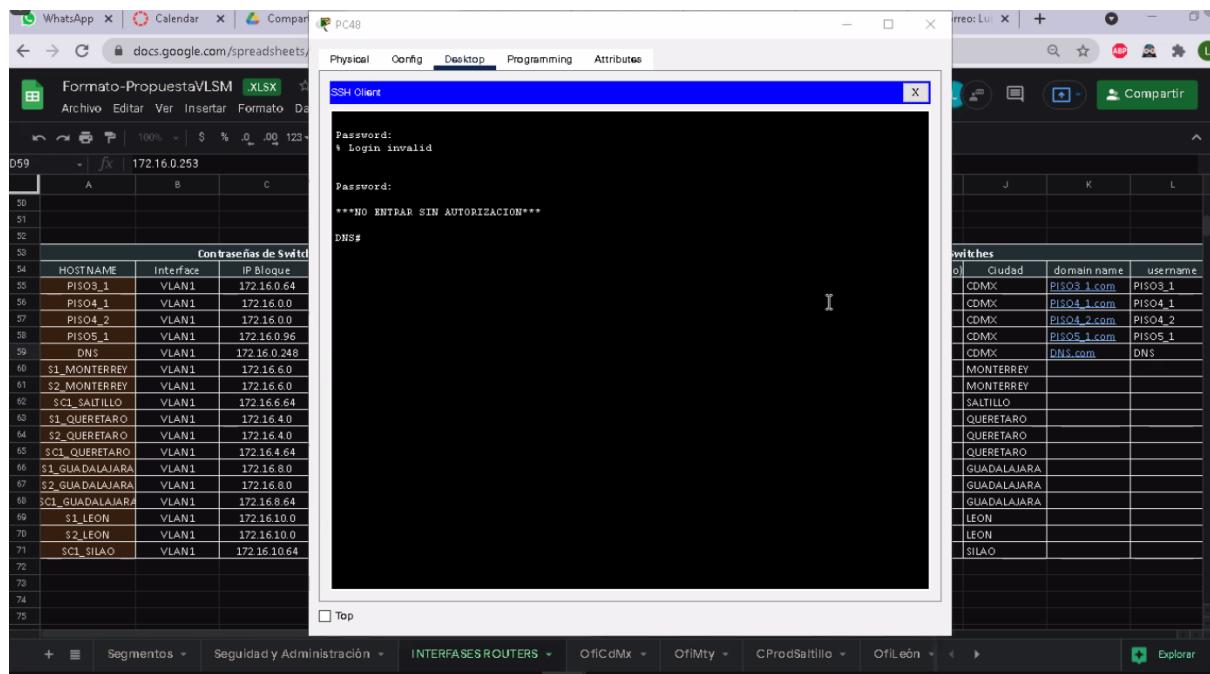
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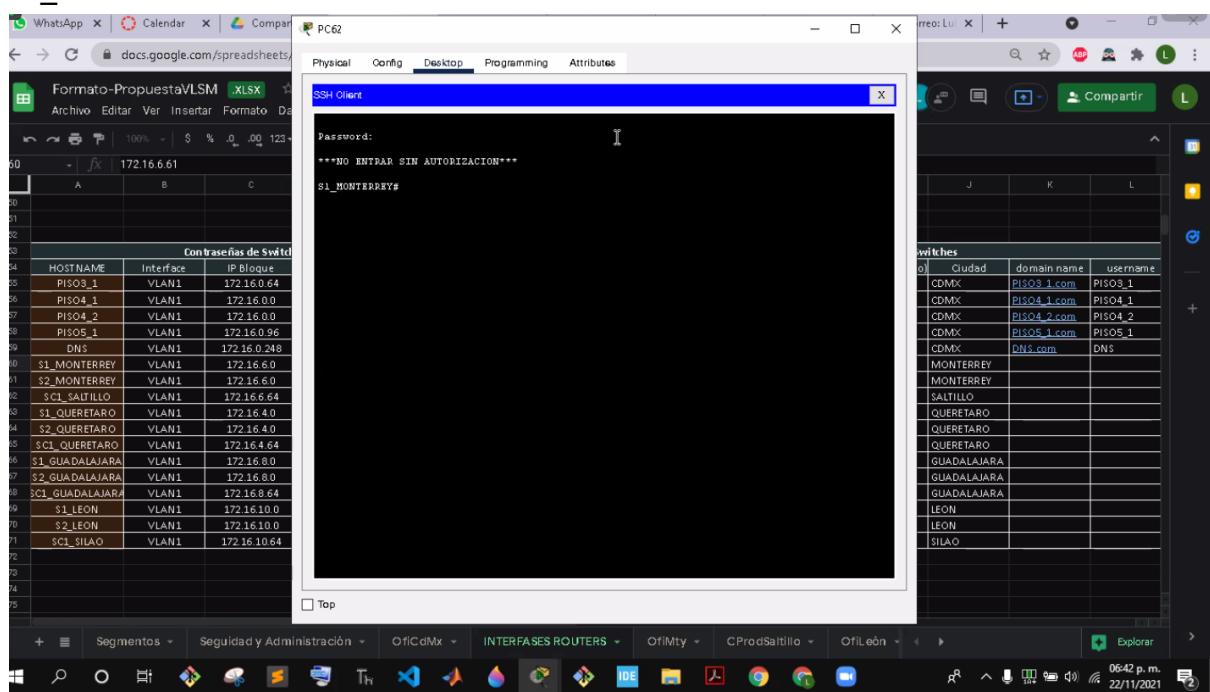
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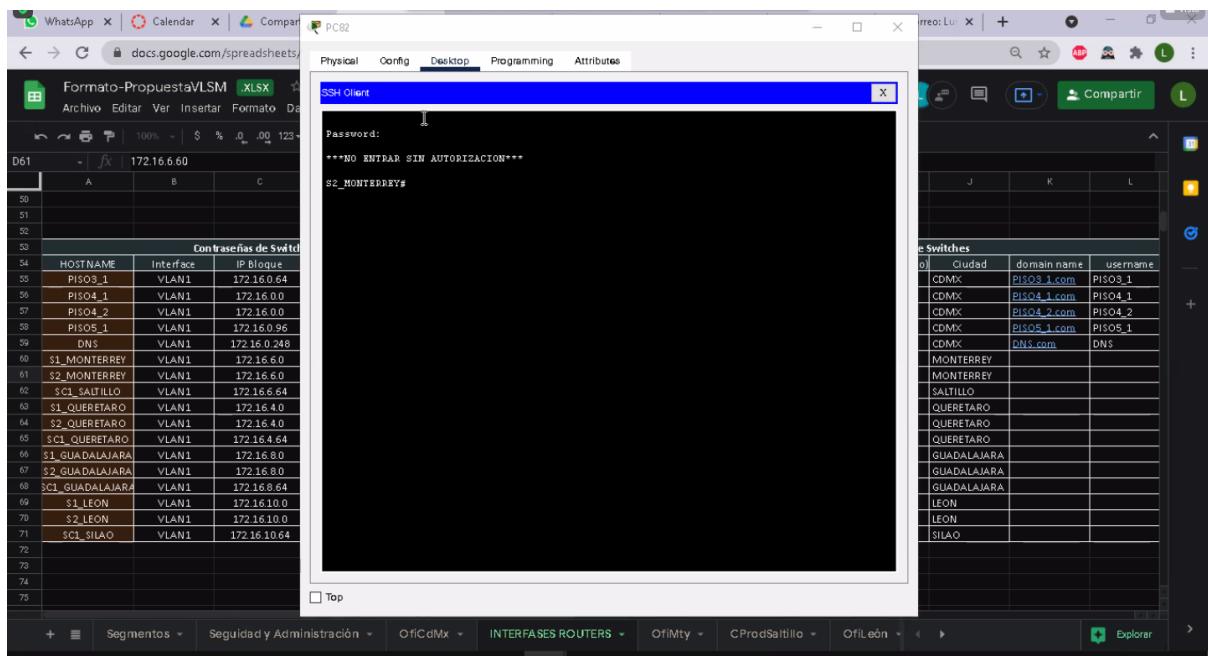
DNS:



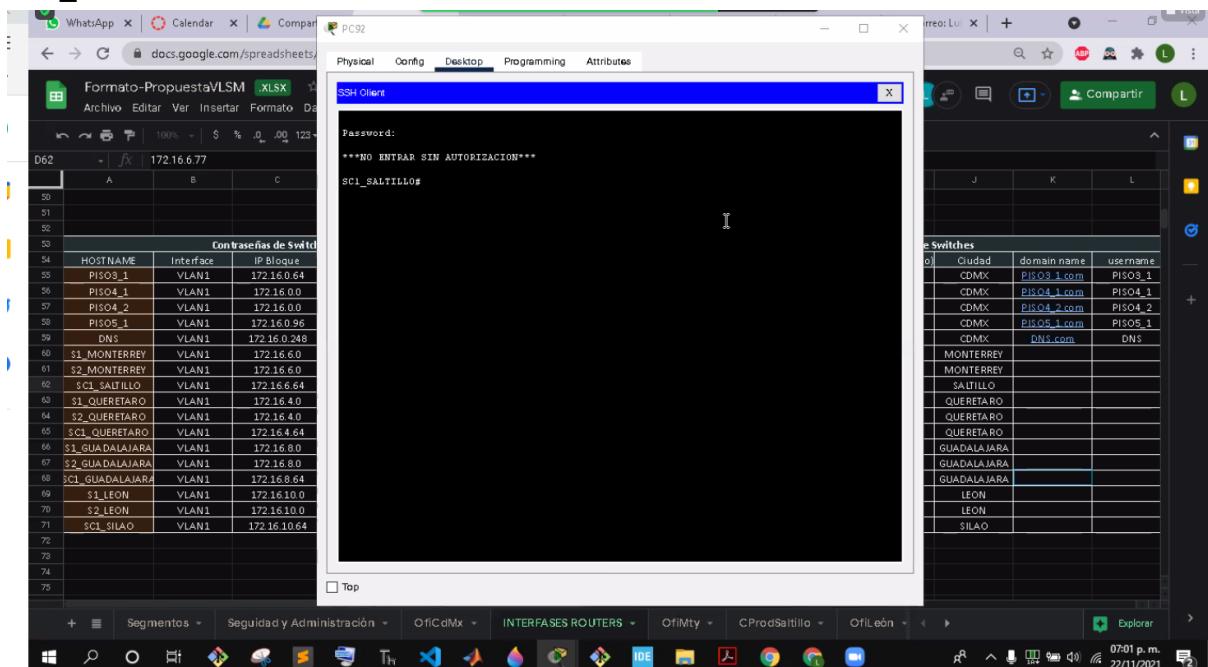
## S1\_MONTERREY:



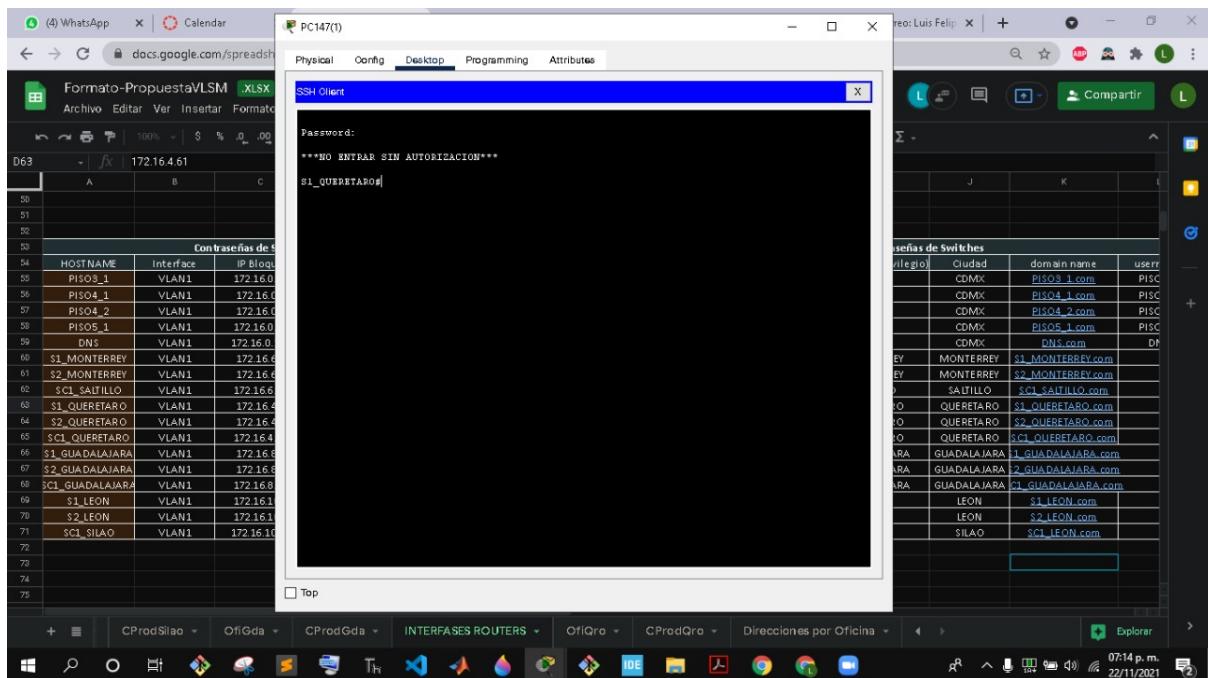
## S2\_MONTERREY:



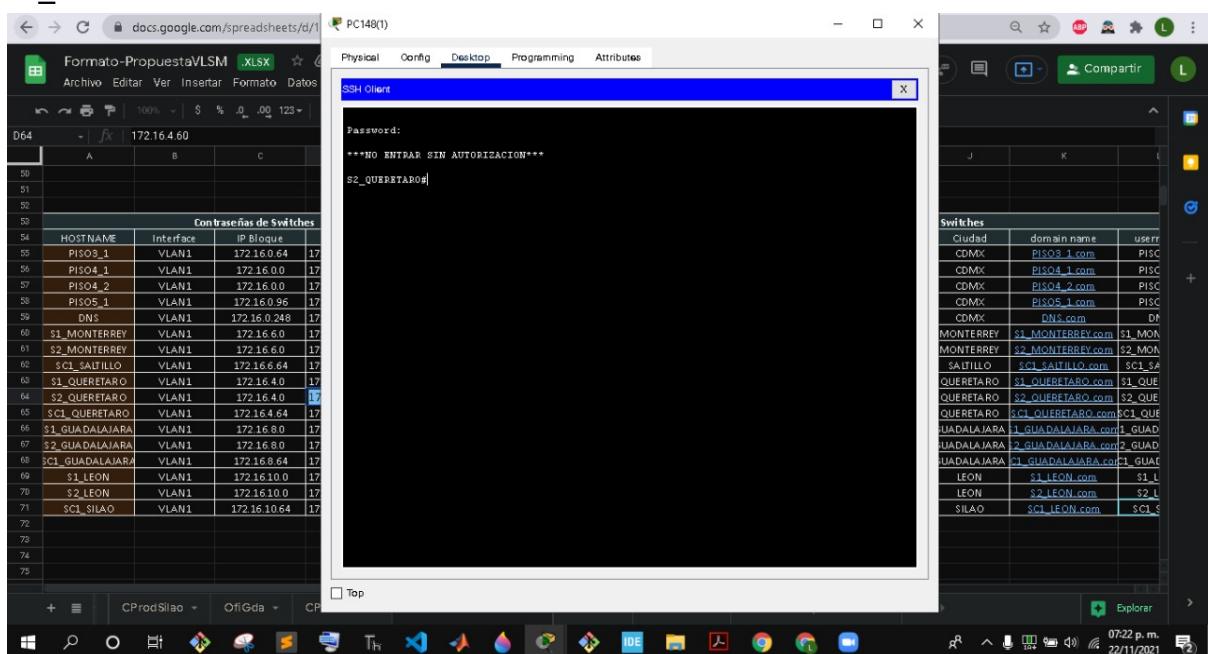
## SC2\_SALTILLO:



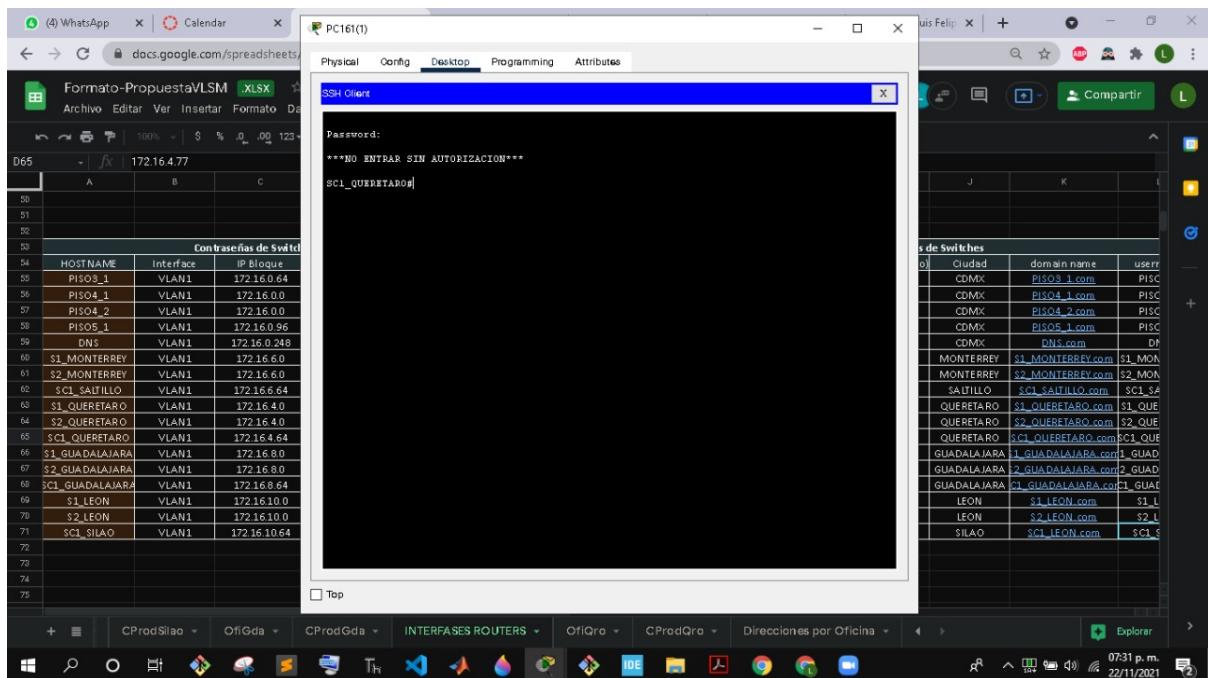
## S1\_QUERETARO:



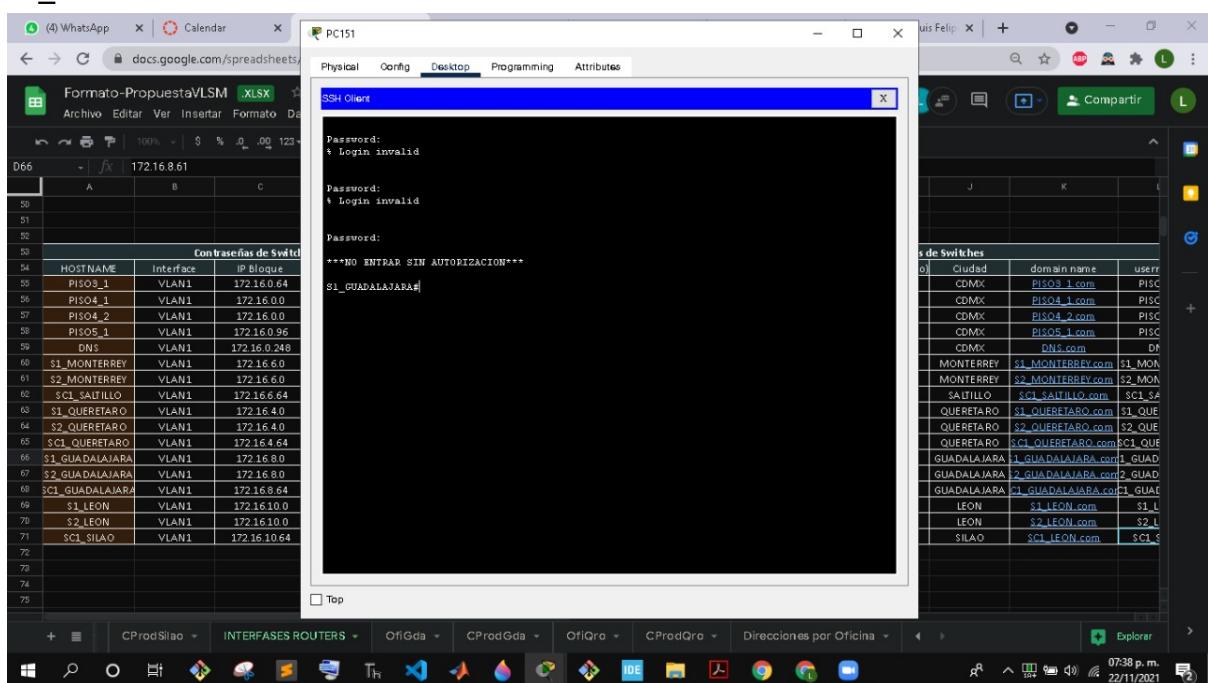
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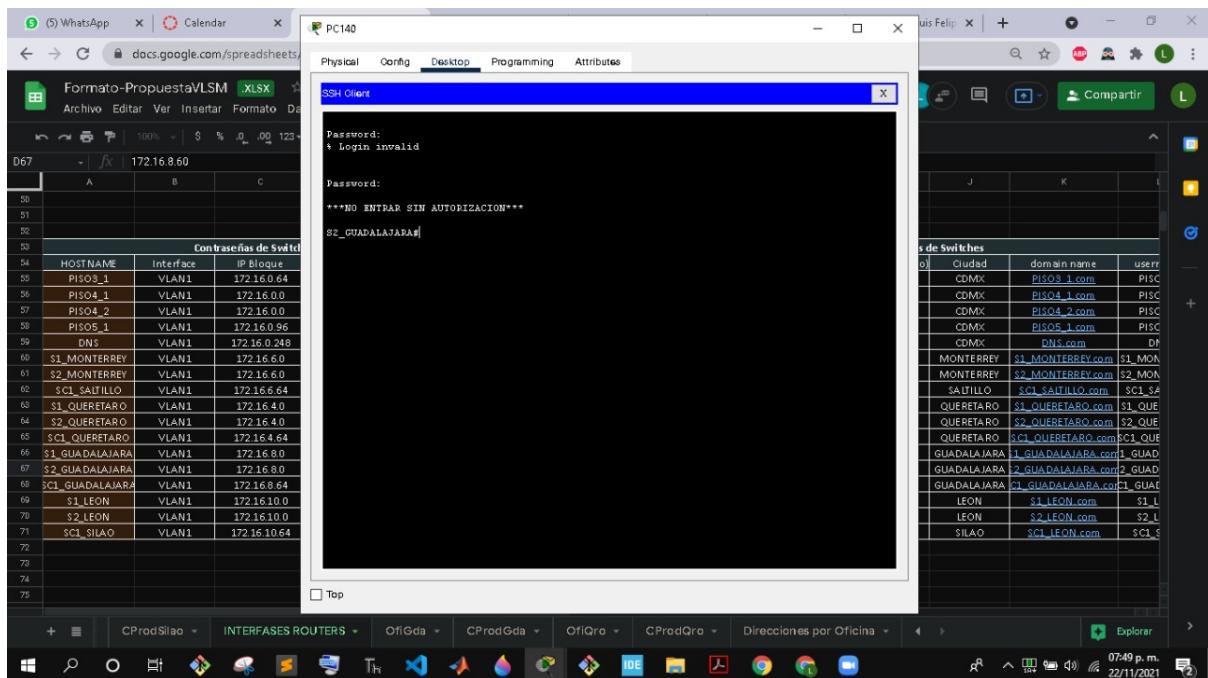
## SC1\_QUERETARO



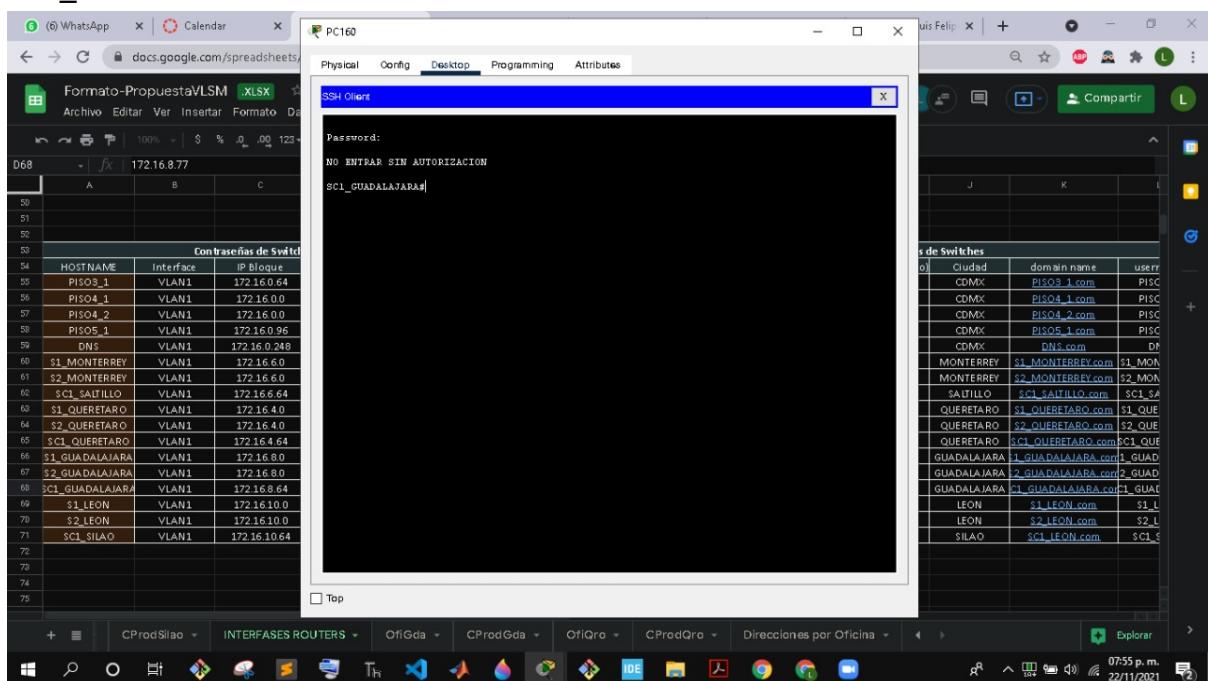
## S1\_GUADALAJARA:



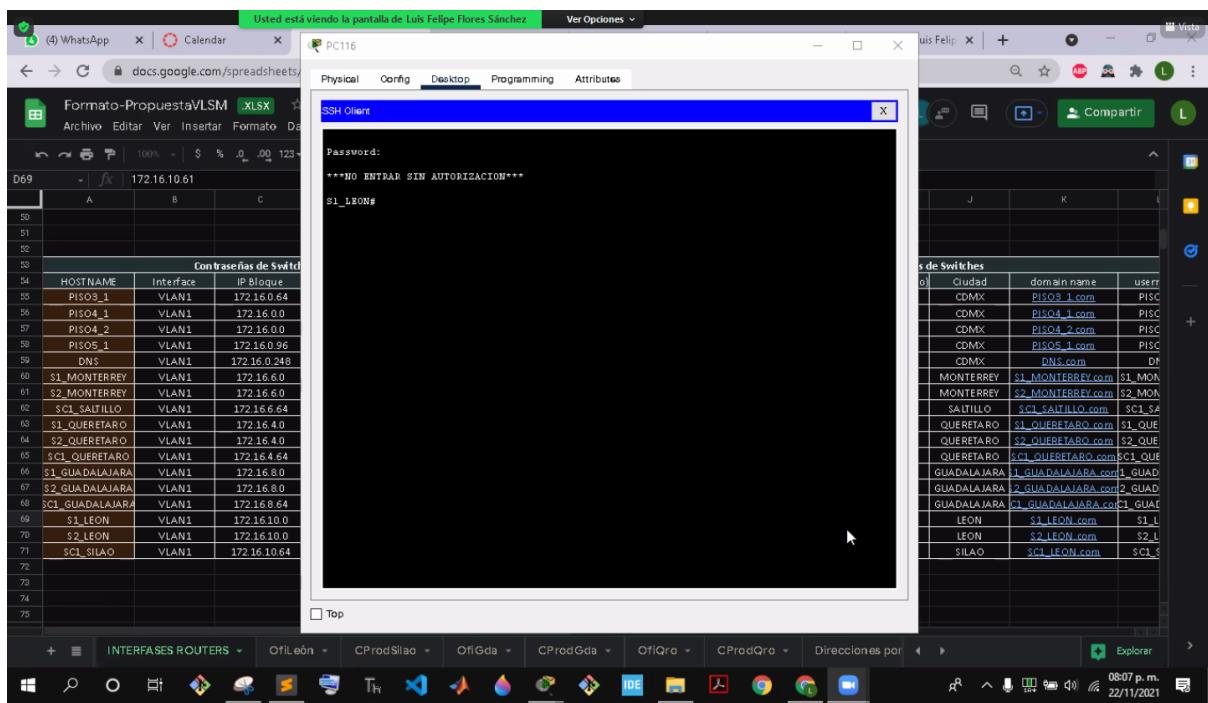
## S2\_GUADALAJARA



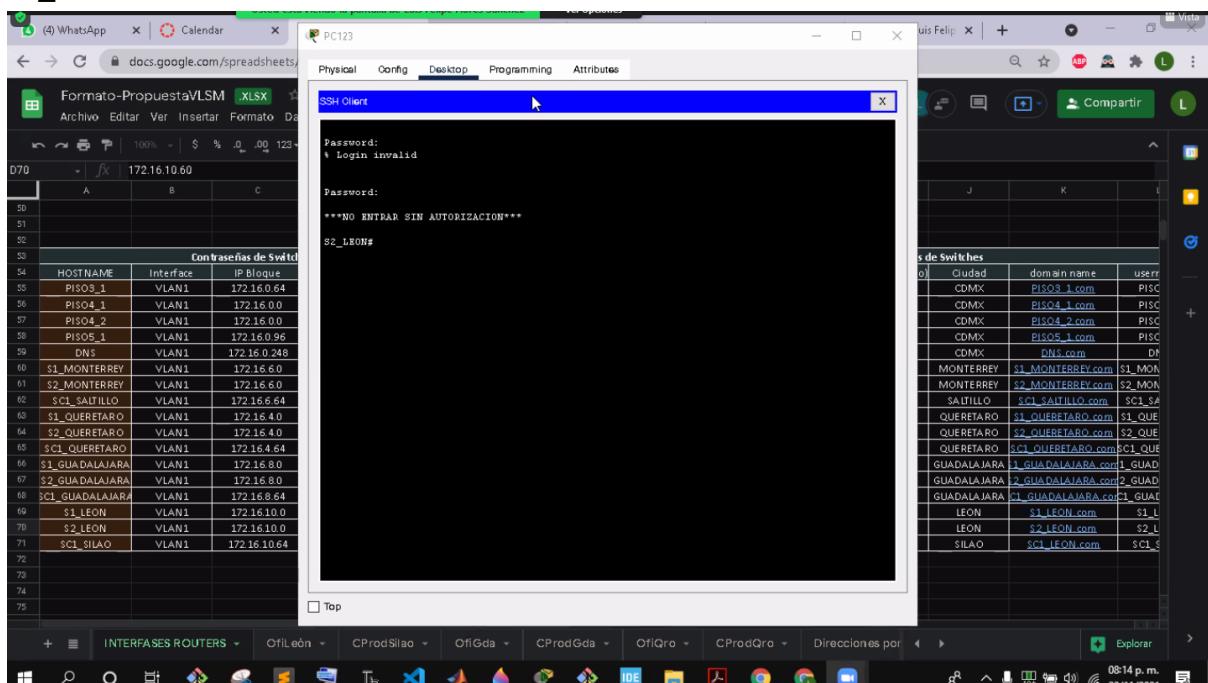
## SC1\_GUADALAJARA:



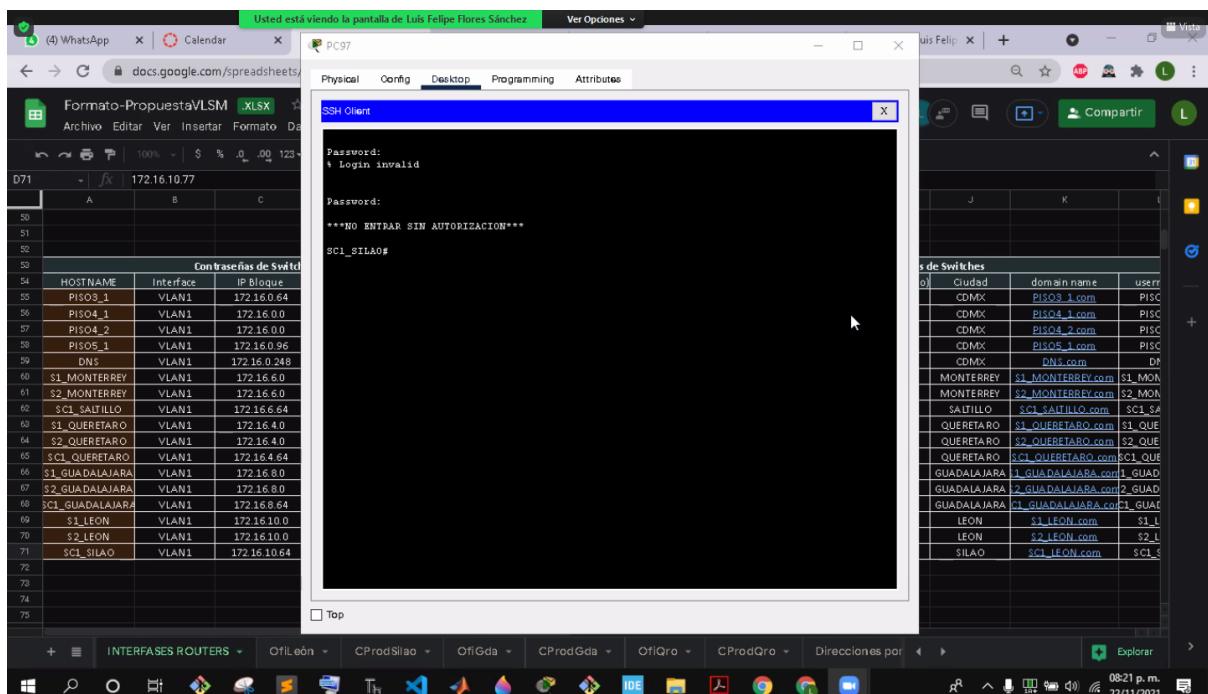
## S1\_Leon:



## S2\_Leon:



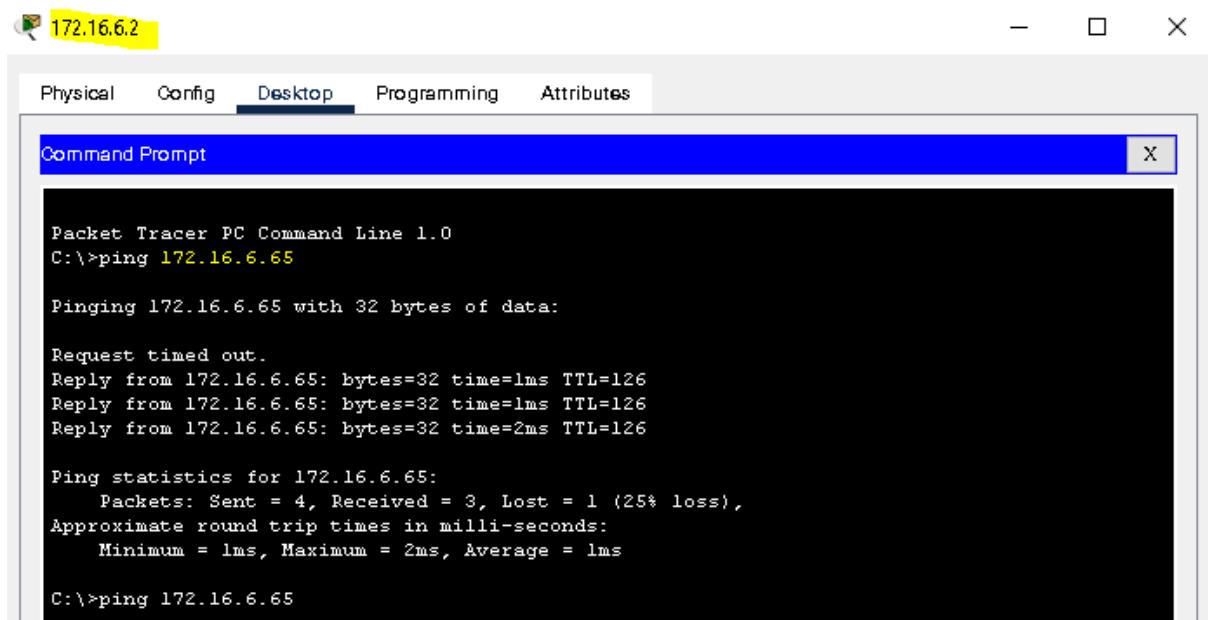
## SC1\_Silao:



## PING

**Reply Monterrey-Saltillo**

Desde 172.16.6.2



## Reply Querétaro-Centro Producción Querétaro

Packet Tracer PC Command Line 1.0  
C:\>ping 172.16.4.65  
  
Pinging 172.16.4.65 with 32 bytes of data:  
  
Request timed out.  
Reply from 172.16.4.65: bytes=32 time=1ms TTL=126  
Reply from 172.16.4.65: bytes=32 time=26ms TTL=126  
Reply from 172.16.4.65: bytes=32 time=2ms TTL=126  
  
Ping statistics for 172.16.4.65:  
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),  
    Approximate round trip times in milli-seconds:  
        Minimum = 1ms, Maximum = 26ms, Average = 9ms  
  
C:\>|

## Reply Guadalajara-Centro Producción Guadalajara

Packet Tracer PC Command Line 1.0  
C:\>ping 172.16.8.65  
  
Pinging 172.16.8.65 with 32 bytes of data:  
  
Request timed out.  
Reply from 172.16.8.65: bytes=32 time=1ms TTL=126  
Reply from 172.16.8.65: bytes=32 time=1ms TTL=126  
Reply from 172.16.8.65: bytes=32 time=2ms TTL=126  
  
Ping statistics for 172.16.8.65:  
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),  
    Approximate round trip times in milli-seconds:  
        Minimum = 1ms, Maximum = 2ms, Average = 1ms  
  
C:\>|

## Reply Piso3 CDMX-Piso4 CDMX

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.16.0.1

Pinging 172.16.0.1 with 32 bytes of data:

Request timed out.
Reply from 172.16.0.1: bytes=32 time<1ms TTL=127
Reply from 172.16.0.1: bytes=32 time<1ms TTL=127
Reply from 172.16.0.1: bytes=32 time<1ms TTL=127

Ping statistics for 172.16.0.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

## Reply Piso5 CDMX-Piso4 CDMX

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.16.0.1

Pinging 172.16.0.1 with 32 bytes of data:

Reply from 172.16.0.1: bytes=32 time<1ms TTL=127

Ping statistics for 172.16.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

## Reply Piso3 CDMX-Piso5 CDMX

```
C:\>ping 172.16.0.97

Pinging 172.16.0.97 with 32 bytes of data:

Reply from 172.16.0.97: bytes=32 time=1ms TTL=127
Reply from 172.16.0.97: bytes=32 time<1ms TTL=127
Reply from 172.16.0.97: bytes=32 time<1ms TTL=127
Reply from 172.16.0.97: bytes=32 time=26ms TTL=127

Ping statistics for 172.16.0.97:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 26ms, Average = 6ms

C:\>
```