

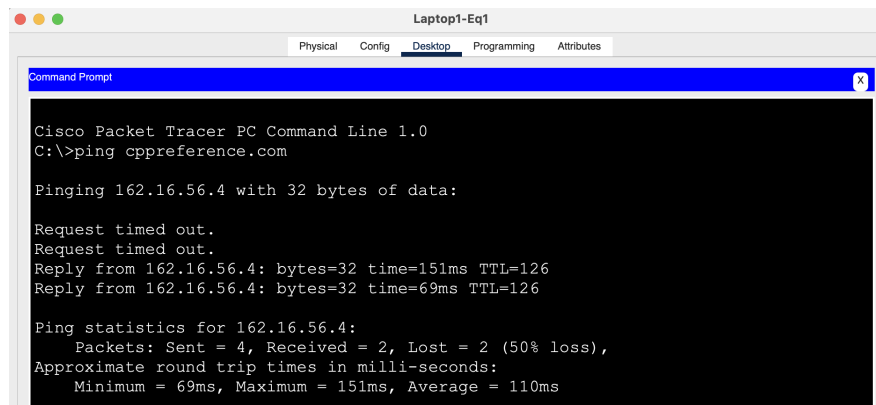


### **Actividad Reto 05: Conectividad**

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## Conectividad de una Laptop del Equipo 1:

- cppreference.com:



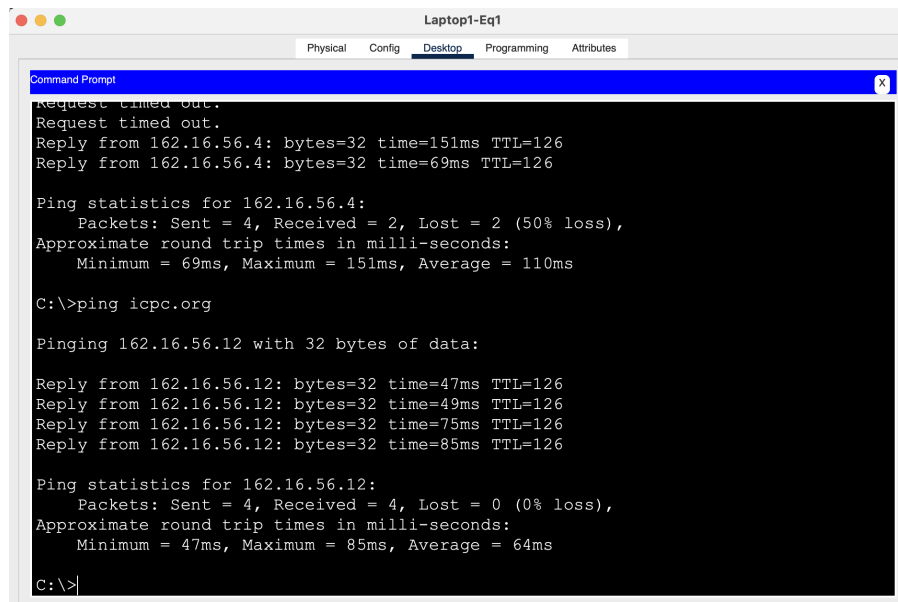
```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Request timed out.
Request timed out.
Reply from 162.16.56.4: bytes=32 time=151ms TTL=126
Reply from 162.16.56.4: bytes=32 time=69ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 69ms, Maximum = 151ms, Average = 110ms
```

- icpc.org:



```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Request timed out.
Request timed out.
Reply from 162.16.56.4: bytes=32 time=151ms TTL=126
Reply from 162.16.56.4: bytes=32 time=69ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 69ms, Maximum = 151ms, Average = 110ms

C:\>ping icpc.org

Pinging 162.16.56.12 with 32 bytes of data:

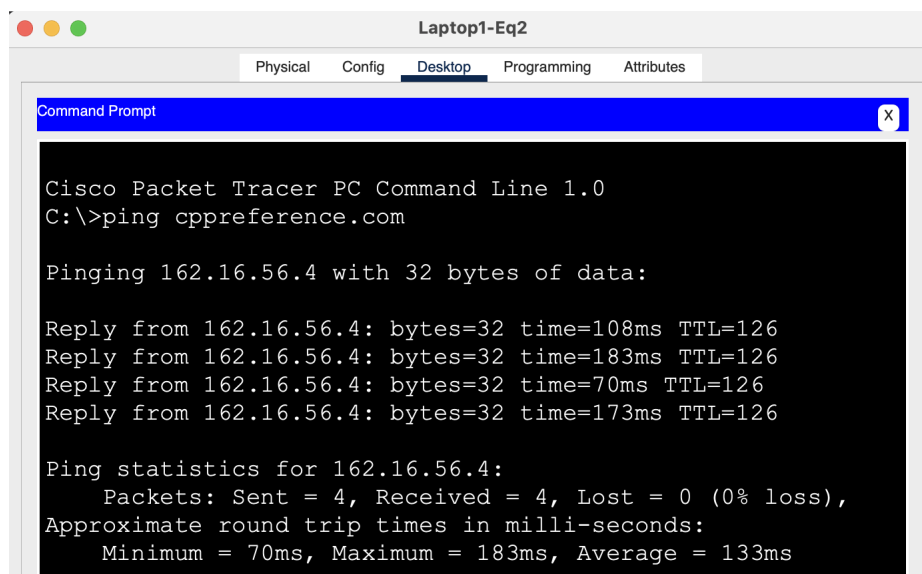
Reply from 162.16.56.12: bytes=32 time=47ms TTL=126
Reply from 162.16.56.12: bytes=32 time=49ms TTL=126
Reply from 162.16.56.12: bytes=32 time=75ms TTL=126
Reply from 162.16.56.12: bytes=32 time=85ms TTL=126

Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 47ms, Maximum = 85ms, Average = 64ms

C:\>
```

## Conectividad de una Laptop del Equipo 2:

- cppreference.com:



```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Reply from 162.16.56.4: bytes=32 time=108ms TTL=126
Reply from 162.16.56.4: bytes=32 time=183ms TTL=126
Reply from 162.16.56.4: bytes=32 time=70ms TTL=126
Reply from 162.16.56.4: bytes=32 time=173ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 70ms, Maximum = 183ms, Average = 133ms
```

- icpc.org:

```

Cisco Packet Tracer PC Command Line 1.0
C:\>ping icpc.org

Pinging 162.16.56.12 with 32 bytes of data:

Reply from 162.16.56.12: bytes=32 time=44ms TTL=126
Reply from 162.16.56.12: bytes=32 time=221ms TTL=126
Reply from 162.16.56.12: bytes=32 time=60ms TTL=126
Reply from 162.16.56.12: bytes=32 time=119ms TTL=126

Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 44ms, Maximum = 221ms, Average = 111ms

C:\>

```

### Conectividad de una Laptop del Equipo 3:

- cppreference.com:

```

Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Reply from 162.16.56.4: bytes=32 time=72ms TTL=126
Reply from 162.16.56.4: bytes=32 time=81ms TTL=126
Reply from 162.16.56.4: bytes=32 time=72ms TTL=126
Reply from 162.16.56.4: bytes=32 time=55ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 55ms, Maximum = 81ms, Average = 70ms

```

- icpc.org:

```
Command Prompt
Reply from 162.16.56.4: bytes=32 time=72ms TTL=126
Reply from 162.16.56.4: bytes=32 time=81ms TTL=126
Reply from 162.16.56.4: bytes=32 time=72ms TTL=126
Reply from 162.16.56.4: bytes=32 time=55ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 55ms, Maximum = 81ms, Average = 70ms

C:\>ping icpc.org

Pinging 162.16.56.12 with 32 bytes of data:

Reply from 162.16.56.12: bytes=32 time=66ms TTL=126
Reply from 162.16.56.12: bytes=32 time=77ms TTL=126
Reply from 162.16.56.12: bytes=32 time=89ms TTL=126
Reply from 162.16.56.12: bytes=32 time=67ms TTL=126

Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 66ms, Maximum = 89ms, Average = 74ms
```

## Conectividad de una Laptop del Equipo 4:

- cppreference.com:

```
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Reply from 162.16.56.4: bytes=32 time=50ms TTL=126
Reply from 162.16.56.4: bytes=32 time=94ms TTL=126
Reply from 162.16.56.4: bytes=32 time=94ms TTL=126
Reply from 162.16.56.4: bytes=32 time=91ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 50ms, Maximum = 94ms, Average = 82ms
```

- icpc.org:

```
Command Prompt
Reply from 162.16.56.4: bytes=32 time=50ms TTL=126
Reply from 162.16.56.4: bytes=32 time=94ms TTL=126
Reply from 162.16.56.4: bytes=32 time=94ms TTL=126
Reply from 162.16.56.4: bytes=32 time=91ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 50ms, Maximum = 94ms, Average = 82ms

C:\>ping icpc.org

Pinging 162.16.56.12 with 32 bytes of data:

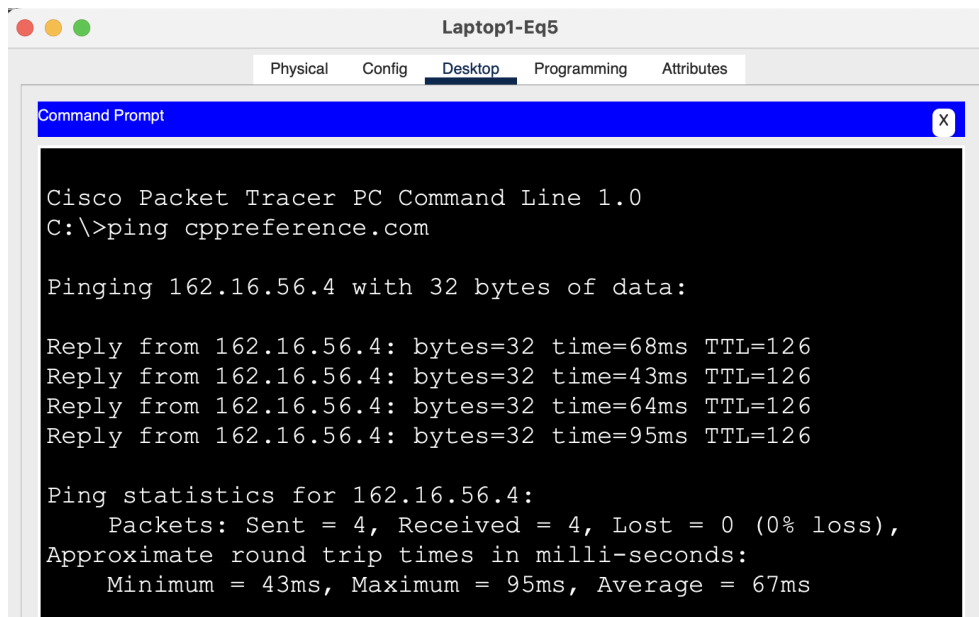
Reply from 162.16.56.12: bytes=32 time=73ms TTL=126
Reply from 162.16.56.12: bytes=32 time=75ms TTL=126
Reply from 162.16.56.12: bytes=32 time=53ms TTL=126
Reply from 162.16.56.12: bytes=32 time=95ms TTL=126

Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 53ms, Maximum = 95ms, Average = 74ms

C:\>
```

## Conectividad de una Laptop del Equipo 5:

- [cppreference.com](http://cppreference.com):



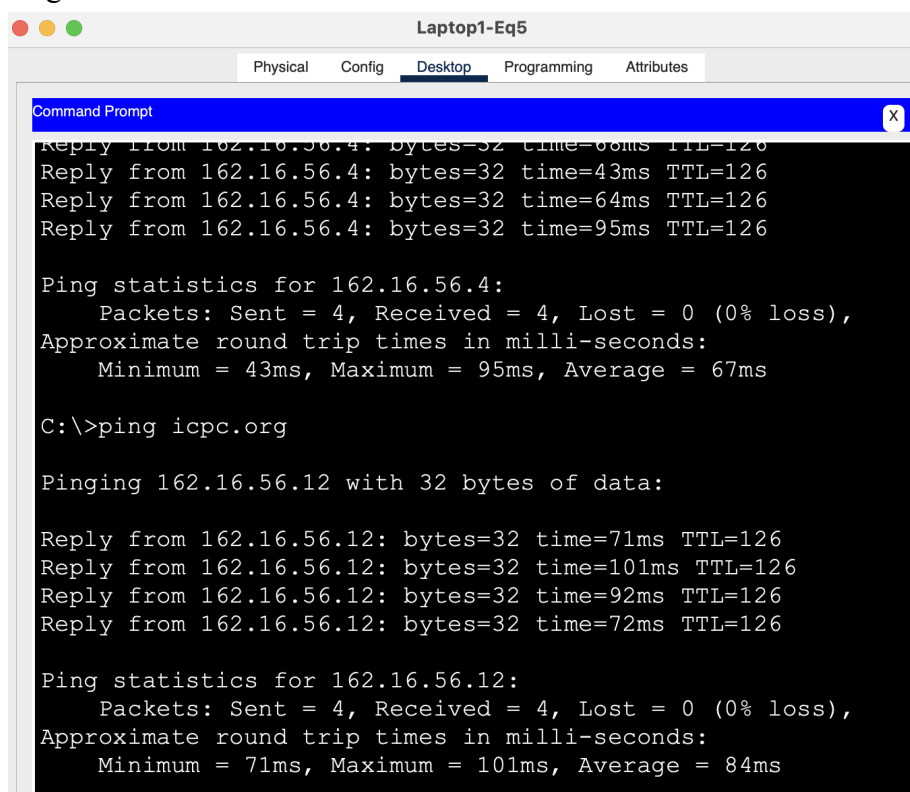
```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Reply from 162.16.56.4: bytes=32 time=68ms TTL=126
Reply from 162.16.56.4: bytes=32 time=43ms TTL=126
Reply from 162.16.56.4: bytes=32 time=64ms TTL=126
Reply from 162.16.56.4: bytes=32 time=95ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 43ms, Maximum = 95ms, Average = 67ms
```

- [icpc.org](http://icpc.org):



```
Reply from 162.16.56.4: bytes=32 time=68ms TTL=126
Reply from 162.16.56.4: bytes=32 time=43ms TTL=126
Reply from 162.16.56.4: bytes=32 time=64ms TTL=126
Reply from 162.16.56.4: bytes=32 time=95ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 43ms, Maximum = 95ms, Average = 67ms

C:\>ping icpc.org

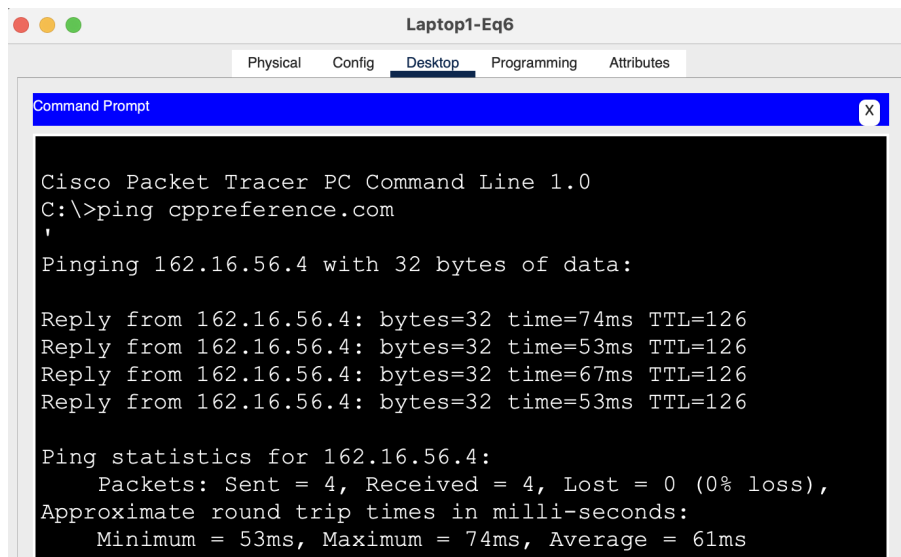
Pinging 162.16.56.12 with 32 bytes of data:

Reply from 162.16.56.12: bytes=32 time=71ms TTL=126
Reply from 162.16.56.12: bytes=32 time=101ms TTL=126
Reply from 162.16.56.12: bytes=32 time=92ms TTL=126
Reply from 162.16.56.12: bytes=32 time=72ms TTL=126

Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 71ms, Maximum = 101ms, Average = 84ms
```

## Conectividad de una Laptop del Equipo 6:

- [cppreference.com](http://cppreference.com):



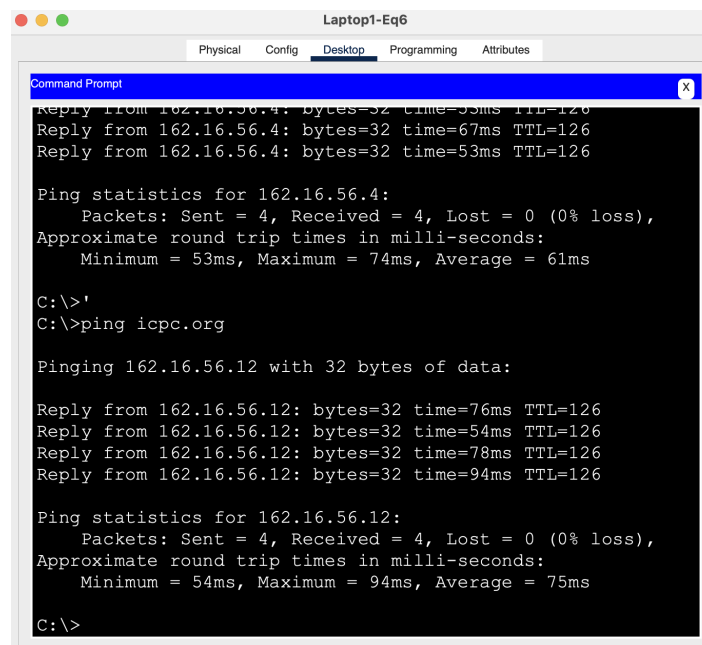
```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Reply from 162.16.56.4: bytes=32 time=74ms TTL=126
Reply from 162.16.56.4: bytes=32 time=53ms TTL=126
Reply from 162.16.56.4: bytes=32 time=67ms TTL=126
Reply from 162.16.56.4: bytes=32 time=53ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 53ms, Maximum = 74ms, Average = 61ms
```

- icpc.org:



```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping icpc.org

Pinging 162.16.56.12 with 32 bytes of data:

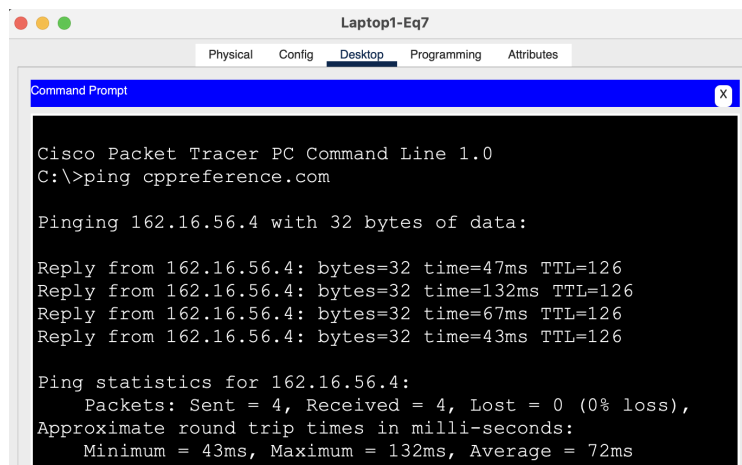
Reply from 162.16.56.12: bytes=32 time=76ms TTL=126
Reply from 162.16.56.12: bytes=32 time=54ms TTL=126
Reply from 162.16.56.12: bytes=32 time=78ms TTL=126
Reply from 162.16.56.12: bytes=32 time=94ms TTL=126

Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 54ms, Maximum = 94ms, Average = 75ms

C:\>
```

## Conectividad de una Laptop del Equipo 7:

- cppreference.com:



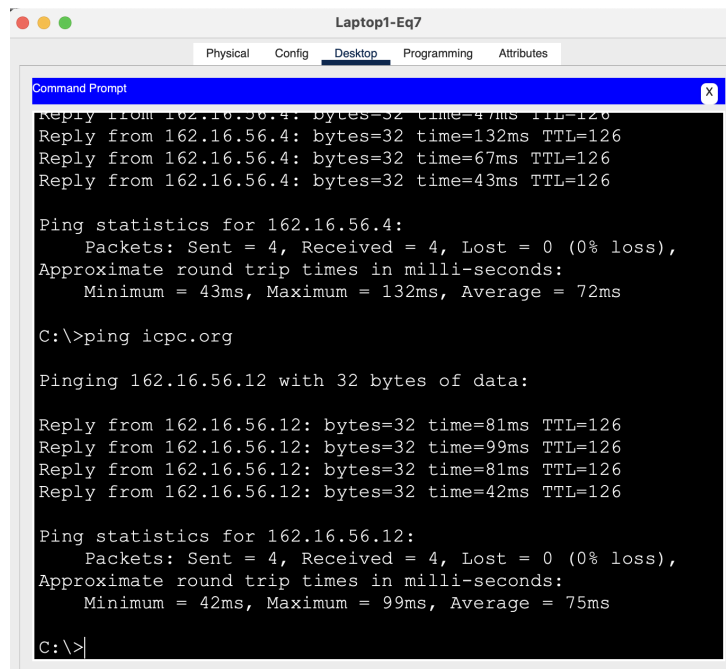
```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Reply from 162.16.56.4: bytes=32 time=47ms TTL=126
Reply from 162.16.56.4: bytes=32 time=132ms TTL=126
Reply from 162.16.56.4: bytes=32 time=67ms TTL=126
Reply from 162.16.56.4: bytes=32 time=43ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 43ms, Maximum = 132ms, Average = 72ms
```

- [icpc.org](http://icpc.org):



```

Laptop1-Eq7
Physical Config Desktop Programming Attributes
Command Prompt
Reply from 162.16.56.4: bytes=32 time=47ms TTL=126
Reply from 162.16.56.4: bytes=32 time=132ms TTL=126
Reply from 162.16.56.4: bytes=32 time=67ms TTL=126
Reply from 162.16.56.4: bytes=32 time=43ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 43ms, Maximum = 132ms, Average = 72ms

C:\>ping icpc.org

Pinging 162.16.56.12 with 32 bytes of data:

Reply from 162.16.56.12: bytes=32 time=81ms TTL=126
Reply from 162.16.56.12: bytes=32 time=99ms TTL=126
Reply from 162.16.56.12: bytes=32 time=81ms TTL=126
Reply from 162.16.56.12: bytes=32 time=42ms TTL=126

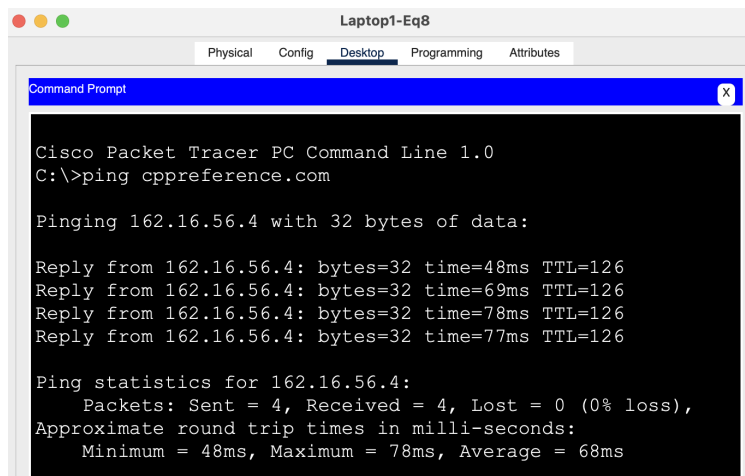
Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 42ms, Maximum = 99ms, Average = 75ms

C:\>

```

## Conectividad de una Laptop del Equipo 8:

- [cppreference.com](http://cppreference.com):



```

Laptop1-Eq8
Physical Config Desktop Programming Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

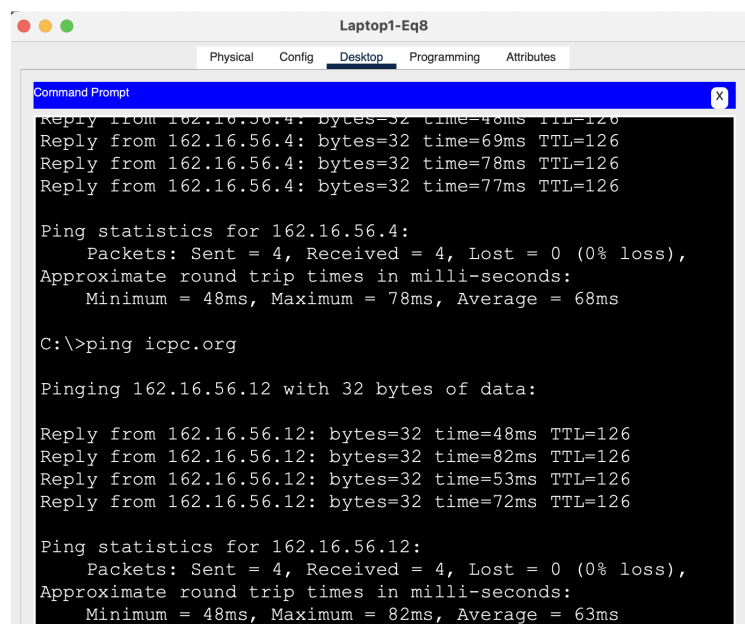
Pinging 162.16.56.4 with 32 bytes of data:

Reply from 162.16.56.4: bytes=32 time=48ms TTL=126
Reply from 162.16.56.4: bytes=32 time=69ms TTL=126
Reply from 162.16.56.4: bytes=32 time=78ms TTL=126
Reply from 162.16.56.4: bytes=32 time=77ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 48ms, Maximum = 78ms, Average = 68ms

```

- [icpc.org](http://icpc.org):



```

Laptop1-Eq8
Physical Config Desktop Programming Attributes
Command Prompt
Reply from 162.16.56.4: bytes=32 time=40ms TTL=126
Reply from 162.16.56.4: bytes=32 time=69ms TTL=126
Reply from 162.16.56.4: bytes=32 time=78ms TTL=126
Reply from 162.16.56.4: bytes=32 time=77ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 48ms, Maximum = 78ms, Average = 68ms

C:\>ping icpc.org

Pinging 162.16.56.12 with 32 bytes of data:

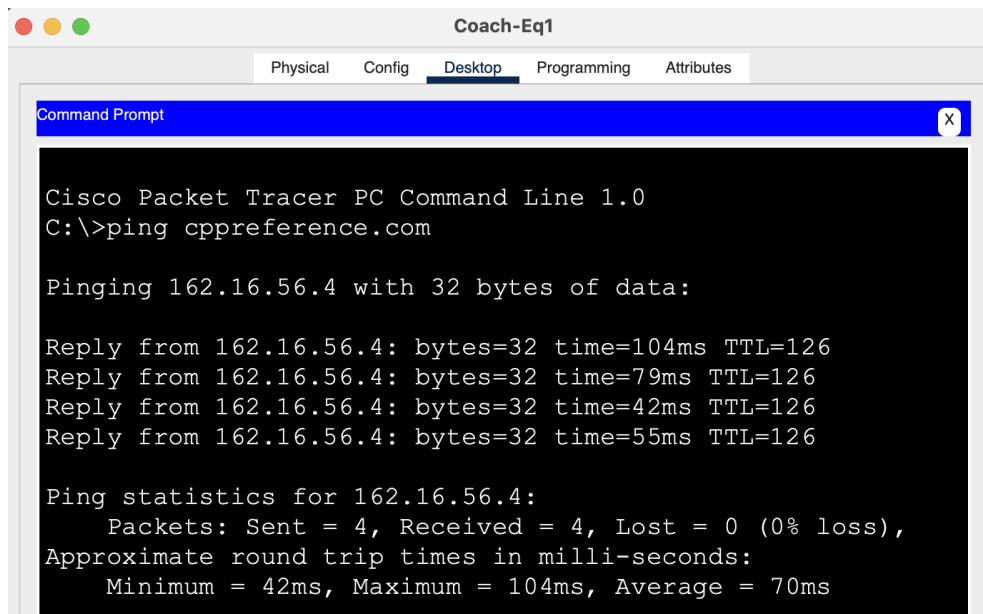
Reply from 162.16.56.12: bytes=32 time=48ms TTL=126
Reply from 162.16.56.12: bytes=32 time=82ms TTL=126
Reply from 162.16.56.12: bytes=32 time=53ms TTL=126
Reply from 162.16.56.12: bytes=32 time=72ms TTL=126

Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 48ms, Maximum = 82ms, Average = 63ms

```

## Conectividad de una Laptop de Coaches-Admin:

- [cppreference.com](http://cppreference.com):



The screenshot shows a Cisco Packet Tracer PC Command Line window for a device named 'Coach-Eq1'. The window has tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying a Command Prompt. The command prompt shows the execution of the 'ping cppreference.com' command. The output indicates that the ping was successful, with 4 packets sent and received, 0% loss, and an average round trip time of 70ms.

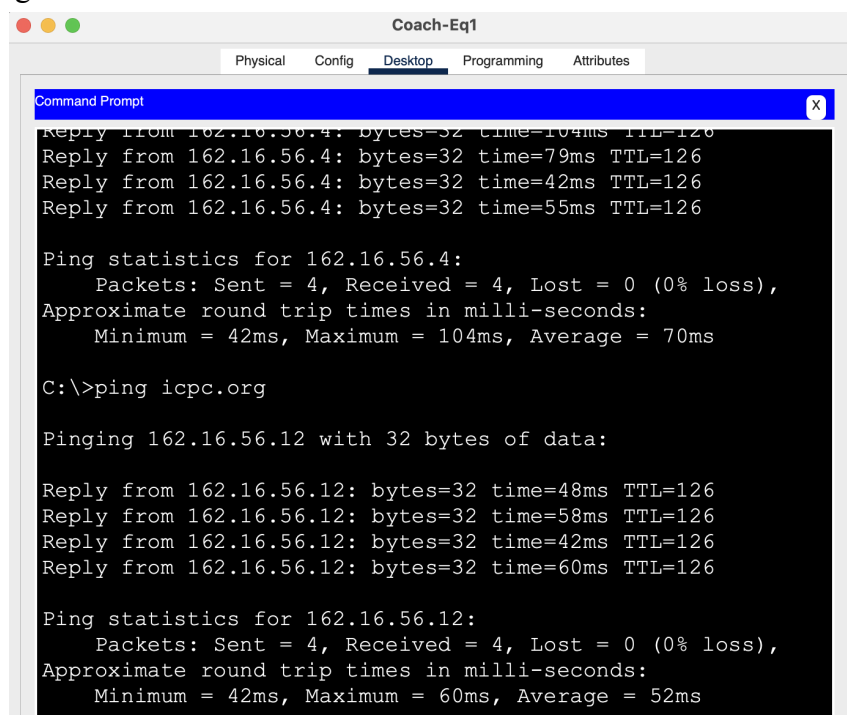
```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cppreference.com

Pinging 162.16.56.4 with 32 bytes of data:

Reply from 162.16.56.4: bytes=32 time=104ms TTL=126
Reply from 162.16.56.4: bytes=32 time=79ms TTL=126
Reply from 162.16.56.4: bytes=32 time=42ms TTL=126
Reply from 162.16.56.4: bytes=32 time=55ms TTL=126

Ping statistics for 162.16.56.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 42ms, Maximum = 104ms, Average = 70ms
```

- [icpc.org](http://icpc.org):



The screenshot shows a Cisco Packet Tracer PC Command Line window for a device named 'Coach-Eq1'. The window has tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying a Command Prompt. The command prompt shows the execution of the 'ping icpc.org' command. The output indicates that the ping was successful, with 4 packets sent and received, 0% loss, and an average round trip time of 52ms.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping icpc.org

Pinging 162.16.56.12 with 32 bytes of data:

Reply from 162.16.56.12: bytes=32 time=48ms TTL=126
Reply from 162.16.56.12: bytes=32 time=58ms TTL=126
Reply from 162.16.56.12: bytes=32 time=42ms TTL=126
Reply from 162.16.56.12: bytes=32 time=60ms TTL=126

Ping statistics for 162.16.56.12:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 42ms, Maximum = 60ms, Average = 52ms
```

## Admin:

- Switch/Equipos1-5:





