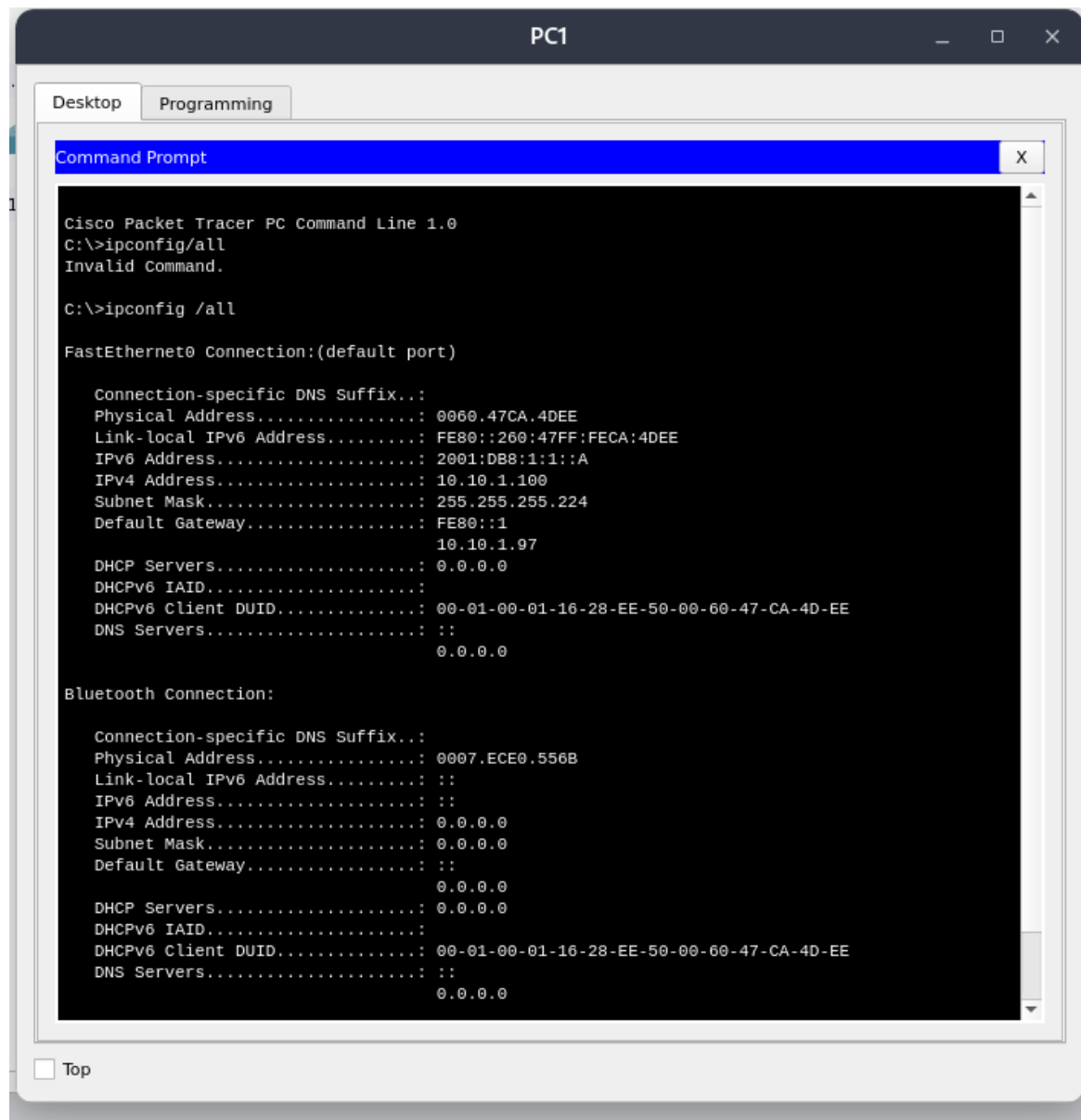


Modulo # 13 – Laboratorio # 13.2.6



PC2

Desktop

Programming

Command Prompt

X

Cisco Packet Tracer PC Command Line 1.0

C:\>ipconfig /all

FastEthernet0 Connection:(default port)

Connection-specific DNS Suffix..:

Physical Address.....: 0060.7034.6930

Link-local IPv6 Address.....: FE80::260:70FF:FE34:6930

IPv6 Address.....: 2001:DB8:1:4::A

IPv4 Address.....: 10.10.1.20

Subnet Mask.....: 255.255.255.240

Default Gateway.....: FE80::3

10.10.1.17

DHCP Servers.....: 0.0.0.0

DHCPv6 IAID.....:

DHCPv6 Client DUID.....: 00-01-00-01-7D-E7-A7-7A-00-60-70-34-69-30

DNS Servers.....: ::

0.0.0.0

Bluetooth Connection:

Connection-specific DNS Suffix..:

Physical Address.....: 0060.4752.0498

Link-local IPv6 Address.....: ::

IPv6 Address.....: ::

IPv4 Address.....: 0.0.0.0

Subnet Mask.....: 0.0.0.0

Default Gateway.....: ::

0.0.0.0

DHCP Servers.....: 0.0.0.0

DHCPv6 IAID.....:

DHCPv6 Client DUID.....: 00-01-00-01-7D-E7-A7-7A-00-60-70-34-69-30

DNS Servers.....: ::

0.0.0.0

C:\>

☐ Top

PC1

Desktop

Programming

Command Prompt

```
Link-local IPv6 Address.....: ::  
IPv6 Address.....: ::  
IPv4 Address.....: 0.0.0.0  
Subnet Mask.....: 0.0.0.0  
Default Gateway.....: ::  
                        0.0.0.0  
DHCP Servers.....: 0.0.0.0  
DHCPv6 IAID.....:  
DHCPv6 Client DUID.....: 00-01-00-01-16-28-EE-50-00-60-47-CA-4D-EE  
DNS Servers.....: ::  
                        0.0.0.0
```

C:\>

C:\>ipconfig /all

FastEthernet0 Connection:(default port)

```
Connection-specific DNS Suffix...:  
Physical Address.....: 0060.47CA.4DEE  
Link-local IPv6 Address.....: FE80::260:47FF:FECA:4DEE  
IPv6 Address.....: 2001:DB8:1:1::A  
Default Gateway.....: FE80::1  
DNS Servers.....: ::  
DHCPv6 IAID.....:  
DHCPv6 Client DUID.....: 00-01-00-01-16-28-EE-50-00-60-47-CA-4D-EE
```

Bluetooth Connection:

```
Connection-specific DNS Suffix...:  
Physical Address.....: 0007.ECE0.556B  
Link-local IPv6 Address.....: ::  
IPv6 Address.....: ::  
Default Gateway.....: ::  
DNS Servers.....: ::  
DHCPv6 IAID.....:  
DHCPv6 Client DUID.....: 00-01-00-01-16-28-EE-50-00-60-47-CA-4D-EE
```

C:\>

☐ Top

Command Prompt

```
Physical Address.....: 0060.4752.0498
Link-local IPv6 Address.....: ::
IPv6 Address.....: ::
IPv4 Address.....: 0.0.0.0
Subnet Mask.....: 0.0.0.0
Default Gateway.....: ::
                   0.0.0.0
DHCP Servers.....: 0.0.0.0
DHCPv6 IAID.....:
DHCPv6 Client DUID.....: 00-01-00-01-7D-E7-A7-7A-00-60-70-34-69-30
DNS Servers.....: ::
                   0.0.0.0
```

```
C:\> ipv6config /all
```

```
FastEthernet0 Connection:(default port)
```

```
Connection-specific DNS Suffix..:
Physical Address.....: 0060.7034.6930
Link-local IPv6 Address.....: FE80::260:70FF:FE34:6930
IPv6 Address.....: 2001:DB8:1:4::A
Default Gateway.....: FE80::3
DNS Servers.....: ::
DHCPv6 IAID.....:
DHCPv6 Client DUID.....: 00-01-00-01-7D-E7-A7-7A-00-60-70-34-69-30
```

```
Bluetooth Connection:
```

```
Connection-specific DNS Suffix..:
Physical Address.....: 0060.4752.0498
Link-local IPv6 Address.....: ::
IPv6 Address.....: ::
Default Gateway.....: ::
DNS Servers.....: ::
DHCPv6 IAID.....:
DHCPv6 Client DUID.....: 00-01-00-01-7D-E7-A7-7A-00-60-70-34-69-30
```

```
C:\>
```

PC1

Desktop

Programming

Command Prompt

```
Connection-specific DNS Suffix...:
Physical Address.....: 0007.ECE0.556B
Link-local IPv6 Address.....: ::
IPv6 Address.....: ::
Default Gateway.....: ::
DNS Servers.....: ::
DHCPv6 IAID.....:
DHCPv6 Client DUID.....: 00-01-00-01-16-28-EE-50-00-60-47-CA-4D-EE

C:\>ping 10.10.1.20

Pinging 10.10.1.20 with 32 bytes of data:

Request timed out.
Reply from 10.10.1.20: bytes=32 time=2ms TTL=125
Reply from 10.10.1.20: bytes=32 time=2ms TTL=125
Reply from 10.10.1.20: bytes=32 time=27ms TTL=125

Ping statistics for 10.10.1.20:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 27ms, Average = 10ms

C:\>
C:\>ping 10.10.1.20

Pinging 10.10.1.20 with 32 bytes of data:

Reply from 10.10.1.20: bytes=32 time=28ms TTL=125
Reply from 10.10.1.20: bytes=32 time=3ms TTL=125
Reply from 10.10.1.20: bytes=32 time=16ms TTL=125
Reply from 10.10.1.20: bytes=32 time=2ms TTL=125

Ping statistics for 10.10.1.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 28ms, Average = 12ms

C:\>
```

☐ Top

Command Prompt

FastEthernet0 Connection:(default port)

Connection-specific DNS Suffix..:

Physical Address.....: 0060.7034.6930

Link-local IPv6 Address.....: FE80::260:70FF:FE34:6930

IPv6 Address.....: 2001:DB8:1:4::A

Default Gateway.....: FE80::3

DNS Servers.....: ::

DHCPv6 IAID.....:

DHCPv6 Client DUID.....: 00-01-00-01-7D-E7-A7-7A-00-60-70-34-69-30

Bluetooth Connection:

Connection-specific DNS Suffix..:

Physical Address.....: 0060.4752.0498

Link-local IPv6 Address.....: ::

IPv6 Address.....: ::

Default Gateway.....: ::

DNS Servers.....: ::

DHCPv6 IAID.....:

DHCPv6 Client DUID.....: 00-01-00-01-7D-E7-A7-7A-00-60-70-34-69-30

C:\>

C:\>ping 10.10.1.100

Pinging 10.10.1.100 with 32 bytes of data:

Reply from 10.10.1.100: bytes=32 time=27ms TTL=125

Reply from 10.10.1.100: bytes=32 time=2ms TTL=125

Reply from 10.10.1.100: bytes=32 time=27ms TTL=125

Reply from 10.10.1.100: bytes=32 time=2ms TTL=125

Ping statistics for 10.10.1.100:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 2ms, Maximum = 27ms, Average = 14ms

C:\>

PC1

Desktop

Programming

Command Prompt

```
Reply from 10.10.1.20: bytes=32 time=2ms TTL=125
Reply from 10.10.1.20: bytes=32 time=2ms TTL=125
Reply from 10.10.1.20: bytes=32 time=27ms TTL=125

Ping statistics for 10.10.1.20:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 27ms, Average = 10ms

C:\>
C:\>ping 10.10.1.20

Pinging 10.10.1.20 with 32 bytes of data:

Reply from 10.10.1.20: bytes=32 time=28ms TTL=125
Reply from 10.10.1.20: bytes=32 time=3ms TTL=125
Reply from 10.10.1.20: bytes=32 time=16ms TTL=125
Reply from 10.10.1.20: bytes=32 time=2ms TTL=125

Ping statistics for 10.10.1.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 28ms, Average = 12ms

C:\>ping 2001:DB8:1:4::A

Pinging 2001:DB8:1:4::A with 32 bytes of data:

Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125

Ping statistics for 2001:DB8:1:4::A:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 2ms, Average = 2ms

C:\>
```

☐ Top

Command Prompt

```
Connection-specific DNS Suffix...:
Physical Address.....: 0060.4752.0498
Link-local IPv6 Address.....: ::
IPv6 Address.....: ::
Default Gateway.....: ::
DNS Servers.....: ::
DHCPv6 IAID.....:
DHCPv6 Client DUID.....: 00-01-00-01-7D-E7-A7-7A-00-60-70-34-69-30

C:\>
C:\>ping 10.10.1.100

Pinging 10.10.1.100 with 32 bytes of data:

Reply from 10.10.1.100: bytes=32 time=27ms TTL=125
Reply from 10.10.1.100: bytes=32 time=2ms TTL=125
Reply from 10.10.1.100: bytes=32 time=27ms TTL=125
Reply from 10.10.1.100: bytes=32 time=2ms TTL=125

Ping statistics for 10.10.1.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 27ms, Average = 14ms

C:\>ping 2001:DB8:1:1::A

Pinging 2001:DB8:1:1::A with 32 bytes of data:

Reply from 2001:DB8:1:1::A: bytes=32 time=31ms TTL=125
Reply from 2001:DB8:1:1::A: bytes=32 time=20ms TTL=125
Reply from 2001:DB8:1:1::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:1::A: bytes=32 time=22ms TTL=125

Ping statistics for 2001:DB8:1:1::A:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 31ms, Average = 18ms

C:\>
```


Command Prompt

```
Pinging 10.10.1.20 with 32 bytes of data:

Reply from 10.10.1.20: bytes=32 time=28ms TTL=125
Reply from 10.10.1.20: bytes=32 time=3ms TTL=125
Reply from 10.10.1.20: bytes=32 time=16ms TTL=125
Reply from 10.10.1.20: bytes=32 time=2ms TTL=125

Ping statistics for 10.10.1.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 28ms, Average = 12ms

C:\>ping 2001:DB8:1:4::A

Pinging 2001:DB8:1:4::A with 32 bytes of data:

Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125

Ping statistics for 2001:DB8:1:4::A:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 2ms, Average = 2ms

C:\>tracert 10.10.1.20

Tracing route to 10.10.1.20 over a maximum of 30 hops:

  0  0 ms    0 ms    0 ms    10.10.1.97
  1  9 ms    9 ms    4 ms    10.10.1.5
  2  1 ms    1 ms   11 ms    10.10.1.10
  3  2 ms   24 ms    0 ms    10.10.1.20

Trace complete.

C:\>
```

Command Prompt

```
Pinging 10.10.1.100 with 32 bytes of data:

Reply from 10.10.1.100: bytes=32 time=27ms TTL=125
Reply from 10.10.1.100: bytes=32 time=2ms TTL=125
Reply from 10.10.1.100: bytes=32 time=27ms TTL=125
Reply from 10.10.1.100: bytes=32 time=2ms TTL=125

Ping statistics for 10.10.1.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 27ms, Average = 14ms

C:\>ping 2001:DB8:1:1::A

Pinging 2001:DB8:1:1::A with 32 bytes of data:

Reply from 2001:DB8:1:1::A: bytes=32 time=31ms TTL=125
Reply from 2001:DB8:1:1::A: bytes=32 time=20ms TTL=125
Reply from 2001:DB8:1:1::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:1::A: bytes=32 time=22ms TTL=125

Ping statistics for 2001:DB8:1:1::A:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 31ms, Average = 18ms

C:\>tracert 10.10.1.100

Tracing route to 10.10.1.100 over a maximum of 30 hops:

  0  0 ms    0 ms    0 ms    10.10.1.17
  1  0 ms    10 ms   10 ms   10.10.1.9
  2  7 ms    7 ms    1 ms    10.10.1.6
  3  0 ms    0 ms    0 ms    10.10.1.100

Trace complete.

C:\>
```

Command Prompt

```
Minimum = 2ms, Maximum = 2ms, Average = 2ms

C:\>tracert 10.10.1.20

Tracing route to 10.10.1.20 over a maximum of 30 hops:

  1  0 ms    0 ms    0 ms    10.10.1.97
  2  9 ms    9 ms    4 ms    10.10.1.5
  3  1 ms    1 ms    11 ms   10.10.1.10
  4  2 ms    24 ms   0 ms    10.10.1.20

Trace complete.

C:\>ping 2001:db8:1:4::a

Pinging 2001:db8:1:4::a with 32 bytes of data:

Reply from 2001:DB8:1:4::A: bytes=32 time=32ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=2ms TTL=125
Reply from 2001:DB8:1:4::A: bytes=32 time=20ms TTL=125

Ping statistics for 2001:DB8:1:4::A:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 32ms, Average = 14ms

C:\>tracert 2001:db8:1:4::a

Tracing route to 2001:db8:1:4::a over a maximum of 30 hops:

  1  0 ms    0 ms    0 ms    2001:DB8:1:1::1
  2  0 ms    8 ms    0 ms    2001:DB8:1:2::1
  3  1 ms    1 ms    1 ms    2001:DB8:1:3::2
  4  2 ms    7 ms    0 ms    2001:DB8:1:4::A

Trace complete.

C:\>
```

Command Prompt

Ping statistics for 2001:DB8:1:1::A:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 2ms, Maximum = 31ms, Average = 18ms

C:\>tracert 10.10.1.100

Tracing route to 10.10.1.100 over a maximum of 30 hops:

1	0 ms	0 ms	0 ms	10.10.1.17
2	0 ms	10 ms	10 ms	10.10.1.9
3	7 ms	7 ms	1 ms	10.10.1.6
4	0 ms	0 ms	0 ms	10.10.1.100

Trace complete.

C:\>tracert 2001:DB8:1:1::A

Tracing route to 2001:DB8:1:1::A over a maximum of 30 hops:

1	0 ms	0 ms	0 ms	2001:DB8:1:4::1
2	1 ms	0 ms	0 ms	2001:DB8:1:3::1
3	1 ms	1 ms	14 ms	2001:DB8:1:2::2
4	1 ms	25 ms	1 ms	2001:DB8:1:1::A

Trace complete.

C:\>tracert 2001:DB8:1:1::A

Tracing route to 2001:DB8:1:1::A over a maximum of 30 hops:

1	0 ms	0 ms	0 ms	2001:DB8:1:4::1
2	0 ms	1 ms	0 ms	2001:DB8:1:3::1
3	1 ms	16 ms	2 ms	2001:DB8:1:2::2
4	2 ms	8 ms	11 ms	2001:DB8:1:1::A

Trace complete.

C:\>