

## SOR

### ATIVIDADE 05

ALUNO: CARLOS RENAN DOS SANTOS BENEVIDES LIMA

### RESPOSTAS

#### PARTE 2:

**Quais dois grupos multicast foram atribuídos à interface G0/0/0?**

R:     FF02::1  
          FF02::1:FF00:1  
          FF02::1:FF06:C001

**Um endereço IPv6 unicast foi atribuído à placa de interface de rede (NIC) do PC-B?**

R: sim, (FE80::2D0:58FF:FE51:5E24)

**Por que PC-B recebeu o prefixo de roteamento global e a ID de sub-rede que você configurou em R1?**

R: por o mesmo fazer o primeiro acesso ao roteador e assim ser atribuído um ip e gateway

**Por que o mesmo endereço local de link, fe80::1, pode ser atribuído às duas interfaces Ethernet no R1?**

R: pois são redes diferentes.

PC-A

Physical Config Desktop Programming

Command Prompt

Cisco Packet Tracer PC Command Line 1.0

C:\>ping 2001:db8:acad:a::3

Pinging 2001:db8:acad:a::3 with 32 bytes of data:

Reply from 2001:DB8:ACAD:A::3: bytes=32 time<1ms TTL=127

Reply from 2001:DB8:ACAD:A::3: bytes=32 time<1ms TTL=127

Reply from 2001:DB8:ACAD:A::3: bytes=32 time=10ms TTL=127

Reply from 2001:DB8:ACAD:A::3: bytes=32 time<1ms TTL=127

Ping statistics for 2001:DB8:ACAD:A::3:

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

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 10ms, Average = 2ms

C:\>ping fe80::1

Pinging fe80::1 with 32 bytes of data:

Reply from FE80::1: bytes=32 time<1ms TTL=255

Reply from FE80::1: bytes=32 time<1ms TTL=255

Reply from FE80::1: bytes=32 time<1ms TTL=255

Reply from FE80::1: bytes=32 time=11ms TTL=255

Ping statistics for FE80::1:

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

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 11ms, Average = 2ms

C:\>ping 2001:db8:acad:1::b

Pinging 2001:db8:acad:1::b with 32 bytes of data:

Reply from 2001:DB8:ACAD:1::B: bytes=32 time<1ms TTL=255

Reply from 2001:DB8:ACAD:1::B: bytes=32 time<1ms TTL=255

Reply from 2001:DB8:ACAD:1::B: bytes=32 time<1ms TTL=255

Reply from 2001:DB8:ACAD:1::B: bytes=32 time<1ms TTL=255

Ping statistics for 2001:DB8:ACAD:1::B:

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

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SC

F1

F2

F3

F4

F5

F6

F7

## Command Prompt

```
C:\>ping fe80::1
```

```
Pinging fe80::1 with 32 bytes of data:
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```
Reply from FE80::1: bytes=32 time<1ms TTL=255
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Reply from FE80::1: bytes=32 time<1ms TTL=255
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Reply from FE80::1: bytes=32 time<1ms TTL=255
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Reply from FE80::1: bytes=32 time<1ms TTL=255
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Ping statistics for FE80::1:
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Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:
```

```
Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>ping 2001:db8:acad:1::3
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```
Pinging 2001:db8:acad:1::3 with 32 bytes of data:
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Reply from 2001:DB8:ACAD:1::3: bytes=32 time<1ms TTL=127
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Ping statistics for 2001:DB8:ACAD:1::3:
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Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:
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Minimum = 0ms, Maximum = 0ms, Average = 0ms
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```
C:\>ping fe80::1
```

```
Pinging fe80::1 with 32 bytes of data:
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```
Reply from FE80::1: bytes=32 time<1ms TTL=255
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Reply from FE80::1: bytes=32 time<1ms TTL=255
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PC-A

Physical Config Desktop Programming

Command Prompt

Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 10ms, Average = 2ms

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Pinging fe80::1 with 32 bytes of data:

Reply from FE80::1: bytes=32 time<1ms TTL=255  
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Reply from FE80::1: bytes=32 time=11ms TTL=255

Ping statistics for FE80::1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 11ms, Average = 2ms

C:\>ping 2001:db8:acad:1::b

Pinging 2001:db8:acad:1::b with 32 bytes of data:

Reply from 2001:DB8:ACAD:1::B: bytes=32 time<1ms TTL=255  
Reply from 2001:DB8:ACAD:1::B: bytes=32 time<1ms TTL=255  
Reply from 2001:DB8:ACAD:1::B: bytes=32 time<1ms TTL=255  
Reply from 2001:DB8:ACAD:1::B: bytes=32 time<1ms TTL=255

Ping statistics for 2001:DB8:ACAD:1::B:

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

C:\>tracert 2001:db8:acad:a::3

Tracing route to 2001:db8:acad:a::3 over a maximum of 30 hops:

|   |      |      |      |                    |
|---|------|------|------|--------------------|
| 1 | 0 ms | 0 ms | 0 ms | 2001:DB8:ACAD:1::1 |
| 2 | 0 ms | 0 ms | 3 ms | 2001:DB8:ACAD:A::3 |

Trace complete.

C:\>

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