

Desktop Programming

Command Prompt

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 = 26ms, Average = 12ms

C:\>tracert 10.10.1.20

Tracing route to 10.10.1.20 over a maximum of 30 hops:

|  | 1     | 2    | 3     | 4          |
|--|-------|------|-------|------------|
|  | 1 ms  | 0 ms | 0 ms  | 10.10.1.97 |
|  | 0 ms  | 0 ms | 0 ms  | 10.10.1.5  |
|  | 0 ms  | 1 ms | 11 ms | 10.10.1.10 |
|  | 13 ms | 1 ms | 0 ms  | 10.10.1.20 |

Trace complete.

C:\>

With which interfaces are the four addresses associated?

Time Elapsed: 00:40:39

Logical Physical 379 y 117 [Root] 16:37:00

10.10.1.96/27 10.10.1.4/30 10.10.1.8/30

PC1 S1 K1 R2 R3

2001:DB8:1:1::/64 2001:DB8:1:2::/64 2001:DB8:1:3::/64

Time: 00:40:04 Realtime Simulation

4331 4321 1941 2901 2911 B1910X B1910W 829 1240 P1910W P1910W

Desktop Programming

Command Prompt

Ping statistics for 2001:DB8:1:4::A:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in m  
Minimum = 2ms, Maximum = 26ms

C:\>tracert 10.10.1.20

Tracing route to 10.10.1.20 over

|  | 1     | 2    | 3     | 4    |
|--|-------|------|-------|------|
|  | 1 ms  | 0 ms | 0 ms  | 0 ms |
|  | 0 ms  | 0 ms | 0 ms  | 0 ms |
|  | 0 ms  | 1 ms | 11 ms | 0 ms |
|  | 13 ms | 1 ms | 0 ms  | 0 ms |

Trace complete.

C:\>

With which interfaces are the four addresses associated?

Time Elapsed: 00:39:08

CU

IOS Command Line Interface

R1#SH

R1#show ip inter

R1#show ip interface b

R1#show ip interface brief

| Interface                        | IP-Address | OK? |
|----------------------------------|------------|-----|
| GigabitEthernet0/0               | 10.10.1.97 | YES |
| Method Status                    | Protocol   |     |
| manual up                        | up         |     |
| GigabitEthernet0/1               | unassigned | YES |
| unset administratively down down |            |     |
| Serial0/0/0                      | unassigned | YES |
| unset administratively down down |            |     |
| Serial0/0/1                      | 10.10.1.6  | YES |
| manual up                        | up         |     |
| Vlan1                            | unassigned | YES |
| unset administratively down down |            |     |

R1#

Ctrl-F to exit CLI focus

Copy Paste

CU

10.10.1.4/30 10.10.1.8/30

Se0/0/1 K1 R2 R3

2001:DB8:1:2::/64 2001:DB8:1:3::/64

Time: 15:07:00 Realtime Simulation

4331 4321 1941 2901 2911 B1910X B1910W 829 1240 P1910W P1910W

