

PING DE PC1 A WEB SERVER

The network diagram shows a topology with three routers (R1, R2, R3) and three switches (S1, S2, S3). PC1 is connected to S1, PC2 to S2, and PC3 to S3. The Web Server is connected to R3. The IP addresses are: PC1 (172.16.1.0/24), PC2 (172.16.2.0/24), PC3 (192.168.1.0/24), R1 (192.168.10.0/30), R2 (172.16.3.0/30), R3 (192.168.10.0/30), and Web Server (64.100.1.2). The command prompt on PC1 shows the following output:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 64.100.1.2

Pinging 64.100.1.2 with 32 bytes of data:

Request timed out.
Request timed out.
Reply from 64.100.1.2: bytes=32 time=2ms TTL=125
Reply from 64.100.1.2: bytes=32 time=2ms TTL=125

Ping statistics for 64.100.1.2:
    Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 2ms, Average = 2ms

C:\>ping 64.100.1.2

Pinging 64.100.1.2 with 32 bytes of data:

Reply from 64.100.1.2: bytes=32 time=2ms TTL=125
Reply from 64.100.1.2: bytes=32 time=2ms TTL=125
Reply from 64.100.1.2: bytes=32 time=2ms TTL=125
Reply from 64.100.1.2: bytes=32 time=2ms TTL=125

Ping statistics for 64.100.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 2ms, Average = 2ms

C:\>
```

PING DE PC2 A WEB SERVER

The network diagram is the same as the previous one. The command prompt on PC2 shows the following output:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 64.100.1.2

Pinging 64.100.1.2 with 32 bytes of data:

Reply from 64.100.1.2: bytes=32 time=15ms TTL=126
Reply from 64.100.1.2: bytes=32 time=1ms TTL=126
Reply from 64.100.1.2: bytes=32 time=1ms TTL=126
Reply from 64.100.1.2: bytes=32 time=1ms TTL=126

Ping statistics for 64.100.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 15ms, Average = 4ms

C:\>
```

PING DE PC3 A WEB SERVER

The screenshot displays the Cisco Packet Tracer interface. The main window shows a network topology with three routers (R1, R2, R3) and three switches (S1, S2, S3). R1 is connected to S1, R2 to S2, and R3 to S3. R1 and R2 are connected to each other, and R2 and R3 are connected to each other. R1 is also connected to S2. The topology includes PC1, PC2, PC3, and a Web Server (64.100.1.2). The IP addresses for the routers are: R1 (192.168.10.4/30), R2 (209.165.200.224/27), and R3 (192.168.10.8/30). The switches have interfaces 172.16.2.0/24, 172.16.3.0/30, and 172.16.1.0/24. The Web Server has IP 64.100.1.2. A command prompt window for PC3 is open, showing the command 'C:\>ping 64.100.1.2' and the output of the ping command, indicating successful connectivity.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 64.100.1.2

Pinging 64.100.1.2 with 32 bytes of data:

Reply from 64.100.1.2: bytes=32 time=2ms TTL=125
Reply from 64.100.1.2: bytes=32 time=2ms TTL=125
Reply from 64.100.1.2: bytes=32 time=2ms TTL=125
Reply from 64.100.1.2: bytes=32 time=2ms TTL=125

Ping statistics for 64.100.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milliseconds:
        Minimum = 2ms, Maximum = 2ms, Average = 2ms

C:\>
```

PING ENTRE LAS PC'S

The screenshot displays the Cisco Packet Tracer interface. The main window shows the same network topology as the previous screenshot. A PDU List window is open, showing the results of a ping command between PC1 and PC3. The PDU List window shows four successful ping attempts, each with a time of 0.000 seconds. The PDU List window also shows the source and destination IP addresses for each ping attempt.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	PC1	PC2	ICMP	0.000	N	0	(edit)	(delete)		
Successful	PC1	PC3	ICMP	0.000	N	1	(edit)	(delete)		
Successful	PC2	PC1	ICMP	0.000	N	2	(edit)	(delete)		
Successful	PC2	PC3	ICMP	0.000	N	3	(edit)	(delete)		

