LAB 7: Introduction to RIP Protocol using Packet Tracer.

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IT304 Computer Networks

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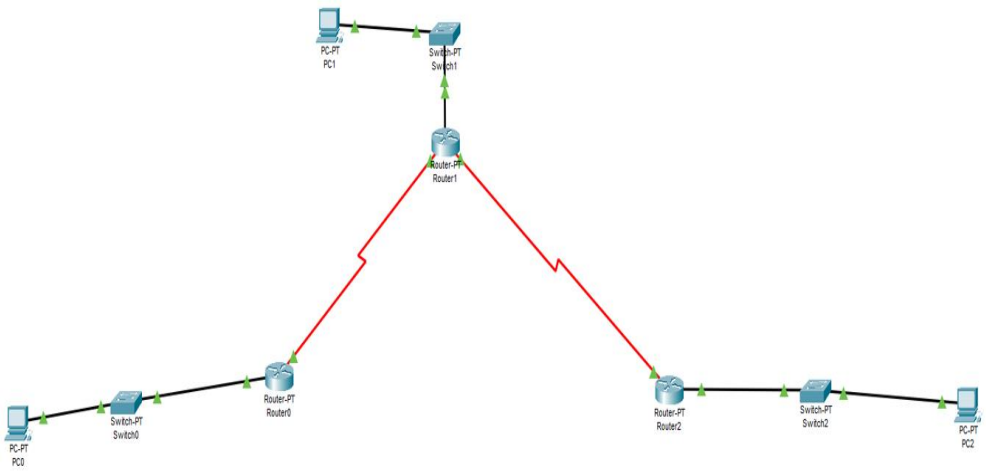
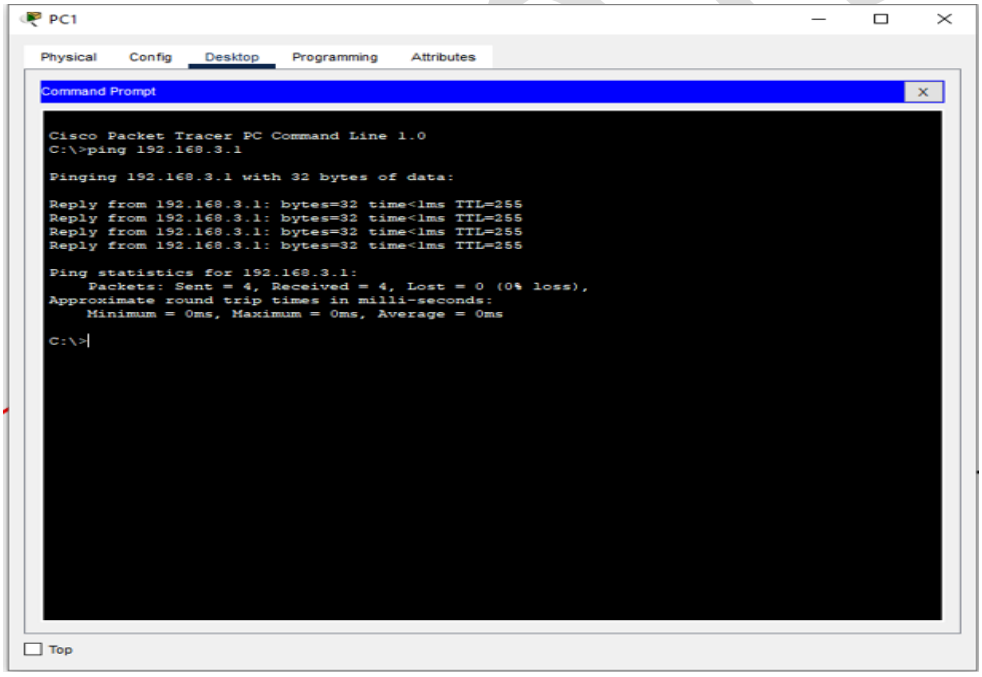
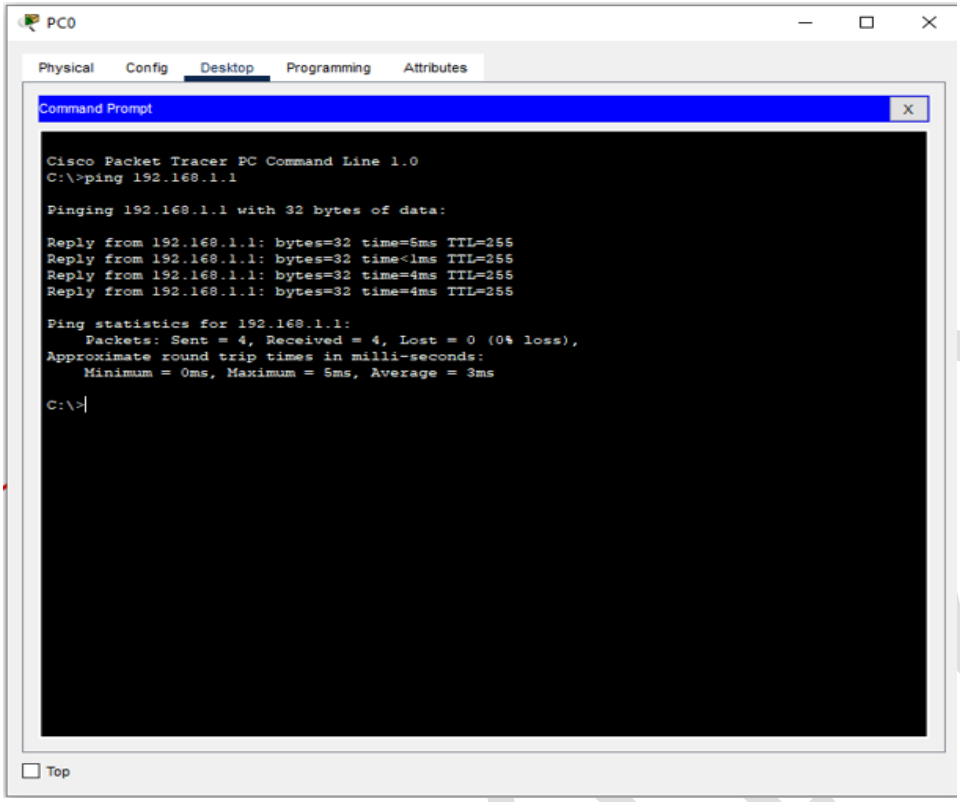
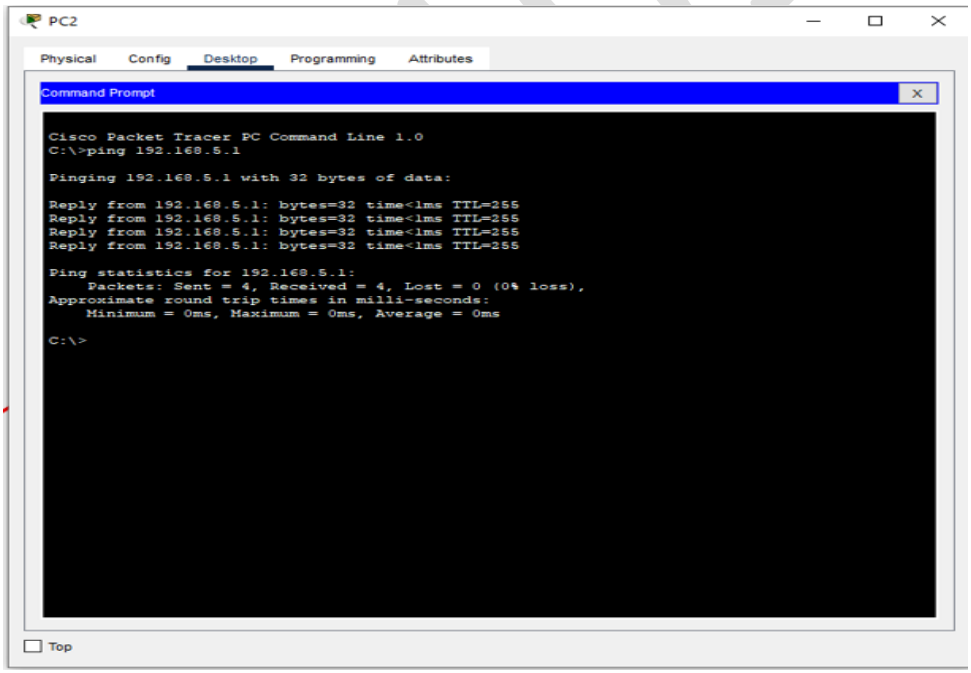
Exercise:

1.3:

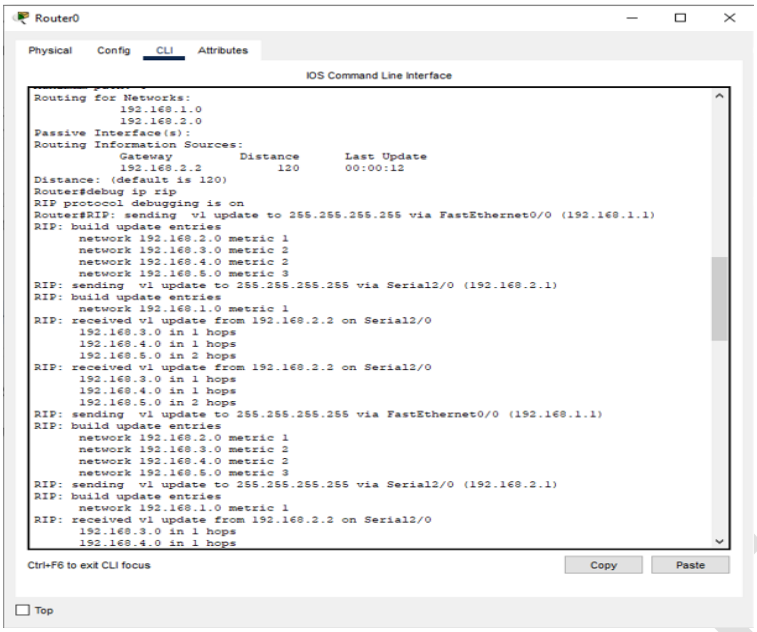

PC-PT
PC1
Switch-PT
Switch1
Router-PT
Router1
Router-PT
Router0
Switch-PT
Switch0
PC-PT
PC0
Router-PT
Router2
Switch-PT
Switch2
PC-PT
PC2


PC1
Physical
Config
Desktop
Programming
Attributes
Command Prompt
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.3.1
Pinging 192.168.3.1 with 32 bytes of data:
Reply from 192.168.3.1: bytes=32 time<1ms TTL=255
Reply from 192.168.3.1: bytes=32 time<1ms TTL=255
Reply from 192.168.3.1: bytes=32 time<1ms TTL=255
Reply from 192.168.3.1: bytes=32 time<1ms TTL=255
Ping statistics for 192.168.3.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top



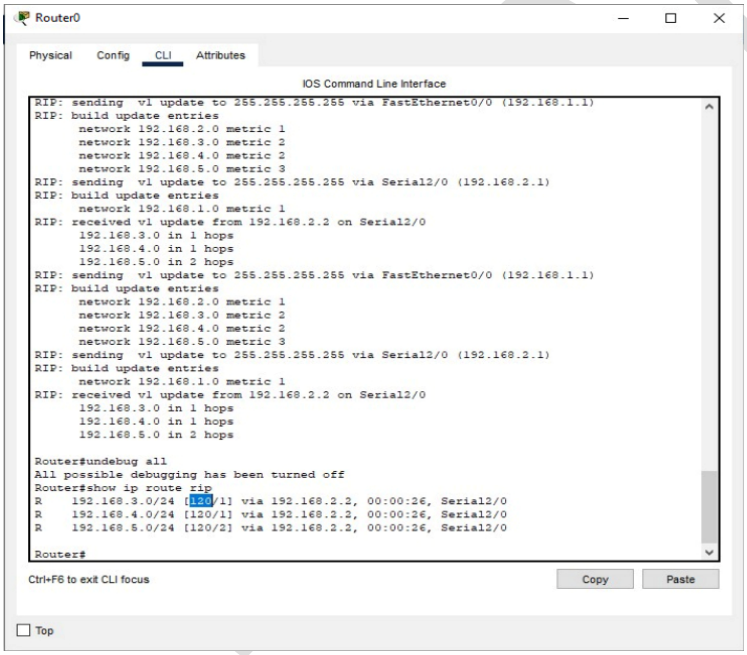


1. Display the output generated at step 5 and what is the maximum number of hops seen in the output?



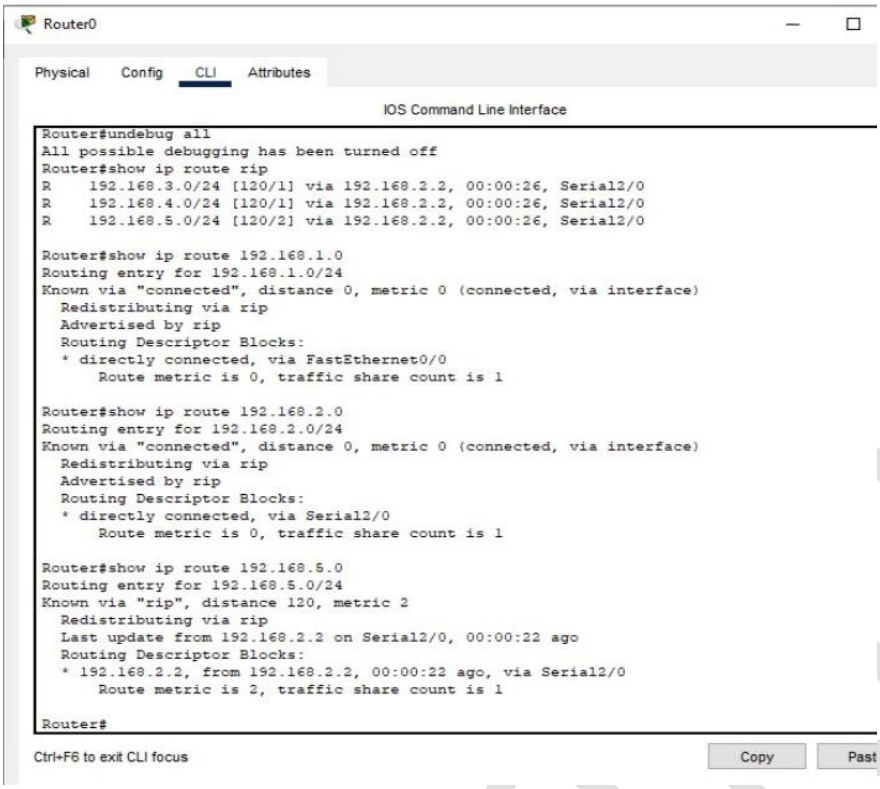
Maximum number of hops in output = 2 hops.

2. What is the administrative distance of RIP in Step 7?



Administrative distance RIP = 120.

3. When was the last update you saw in Step 8?



Last update = 22 seconds ago.

4. What is the default update time for RIP in Step 8?

Default update time RIP = 30 seconds.