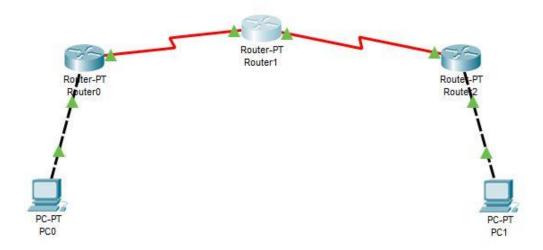
Paga Ginivasan USN- 1BM 18C5069 classmate Batch - B 2 Seen-S trace. Explore the following ping messages
Ping response, best unreachable, seg timed as what is request time out command in ping response! time in which comp has to sesponded undergo mos of second upons Every interface should have unique ip Caeate topologogy & configure ips useachable the ping is btw PC-0 to and responce: - reply recieved is ping 20.0.0.2 you responce. - request timed out once again same ip sequest timed out

host address Classmate Page ___ the how diff networks configured in a topology we are sending ping mags to diff networks & don't know anything att the network Conunands 17/10 9 00h Show ip soute 5 indicates networks directly connected. It we send packets to networks not connected to their lauter the souter has no info abt the other netweek heree we get meg' destination de son the const a can statically title add other netwell to the soutes enable netwo proute destinate ipodosoes, subretmari next hop addeny goon trong pass through here is souto 30.0.0.1 20.0.0.0 platte 40.0.0.0

Scanned by TapScanner

hearning Outcomes -> Saw the following ping nessages: - destind hast uneachable request time out etc -> beaunt to statically add other network to a souter he saw that if we send packety to a network that a not connected to one lautee as the souter has no information about the souter then we get a megays -> A request time out is a convenand in which a responce recieved when computer tracta > Ping is a request command responed > Every Intefface have a unique I Paddley

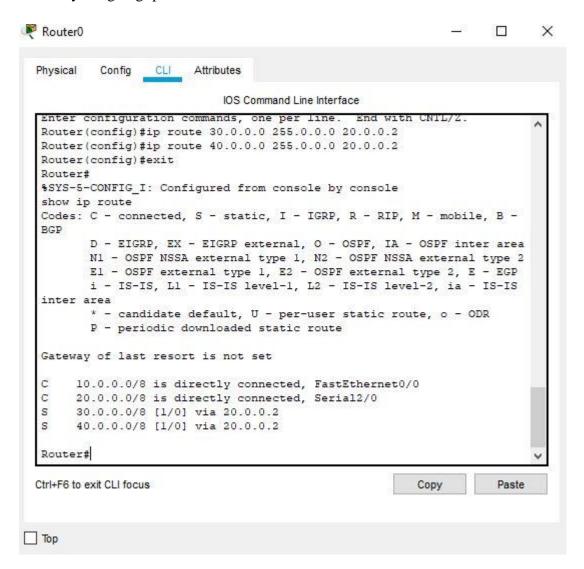


Before assigning static adding networks to the router the ping responses received:

```
Packet Tracer PC Command Line 1.0
C:\>ping 40.0.0.1
Pinging 40.0.0.1 with 32 bytes of data:
Reply from 10.0.0.1: Destination host unreachable.
Request timed out.
Reply from 10.0.0.1: Destination host unreachable.
Reply from 10.0.0.1: Destination host unreachable.
Ping statistics for 40.0.0.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 10.0.0.1
Pinging 10.0.0.1 with 32 bytes of data:
Reply from 10.0.0.1: bytes=32 time<1ms TTL=255
Ping statistics for 10.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = Oms, Maximum = Oms, Average = Oms
```

```
C:\>ping 20.0.0.1
Pinging 20.0.0.1 with 32 bytes of data:
Reply from 20.0.0.1: bytes=32 time=1ms TTL=255
Reply from 20.0.0.1: bytes=32 time<1ms TTL=255 Reply from 20.0.0.1: bytes=32 time<1ms TTL=255
Reply from 20.0.0.1: bytes=32 time<1ms TTL=255
Ping statistics for 20.0.0.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = Oms, Maximum = 1ms, Average = Oms
C:\>ping 20.0.0.2
Pinging 20.0.0.2 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 20.0.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 20.0.0.2
Pinging 20.0.0.2 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 20.0.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

Statically assigning ip address to the routers:



Paste

Copy

Ctrl+F6 to exit CLI focus

Тор

After assigning static adding networks to the router the ping responses received:

```
C:\>ping 40.0.0.1

Pinging 40.0.0.1 with 32 bytes of data:

Reply from 40.0.0.1: bytes=32 time=7ms TTL=253
Reply from 40.0.0.1: bytes=32 time=2ms TTL=253
Reply from 40.0.0.1: bytes=32 time=2ms TTL=253
Reply from 40.0.0.1: bytes=32 time=6ms TTL=253

Ping statistics for 40.0.0.1:

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

Minimum = 2ms, Maximum = 7ms, Average = 4ms

C:\>
```