<u>Aim-2</u>

2. Configure IP address to routers in packet tracer. Explore the following messages: ping responses, destination unreachable, request timed out, reply

Topology:

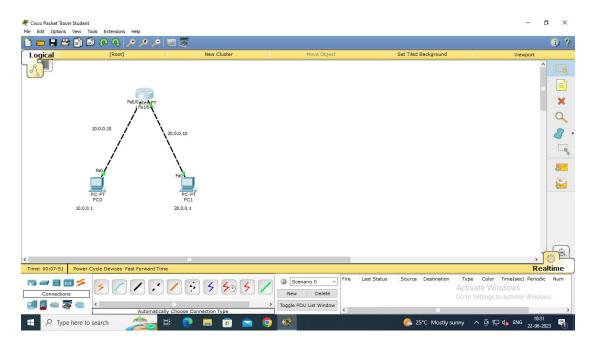


Fig 1: Topology

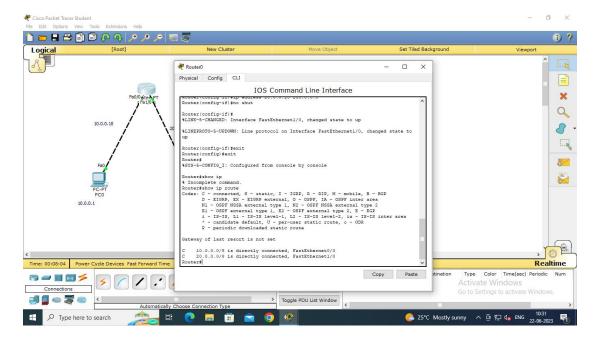


Fig 2: Router showing its connections after configuration

Procedure and Observation:

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Configur IP address to routus in parket
Configure It address to coulus in parket
trace. Explore the following messages:
ping responses. destination uneachable,
request timed out, reply.
Topology
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Topology Topology 10.0.0.10 10.0.0.10 Fa olo, Routupo dhuspo por principas de la constante
10.0.0.10 / failo + is 3 /-
- Leadiguing defoultipe de principal de la
(00-203-04) 139 (01-0.0.01) 039 Jug 20)
-> Passing ping soio 1. (mpage) from
1000 of and and
20.0.0.1 20.00gbs A
Procedure: le whyd = 20.910: Les benit deupon
=> Configuing the IP address of two per
=> Configuing the IP address of two PC2 i.e; pco (10.0.0.1) & pc1 (20.0.0.1).
1 st part of water
=> Configuring the 1st part of router
-> n -> enable
-> enable

-r config t -tinterface fastethemet 0/0 -> ip address 10.0.0.10 255.0.0.0 -t no shut => configuring the other port of weeky -> interface fastethuret 1/0 -fip address 20.0.0.10 255.0.0.000 - no shut - Le erit Output pro (10.0.0.10) frei (20.0.0.10) Output => Passing ping 20.0.0.1 (message) from pco to pc1 Response Pinging 20.0.0.1 with 32 bytes of datai Request timed out Reply from 20.0.0.1: bytes = 32 time=oms Ping Statistics for 20.0.0.1! Packets: Sent 24, Received = 3, Lost 21 (25% Approximate round trip tims in milli - Seconds:

plinimum = Oms, planimum = Oms,

Average = Oms.

of If try pinging message without odling default gateway the reply would be

« destination unreachable".

After completely configuring if your get on If tried pinging again the 1st reply would be "request timed out".

-> Then later again if tried will get the Ducersful reply from Jource to destination pcs.

Jul 3/1/23

Output:

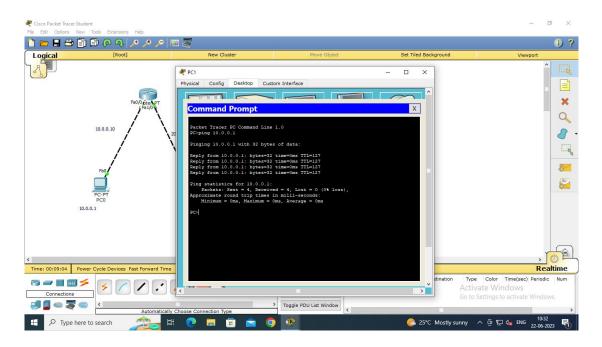


Fig 3: Pinging from pc1 to pco

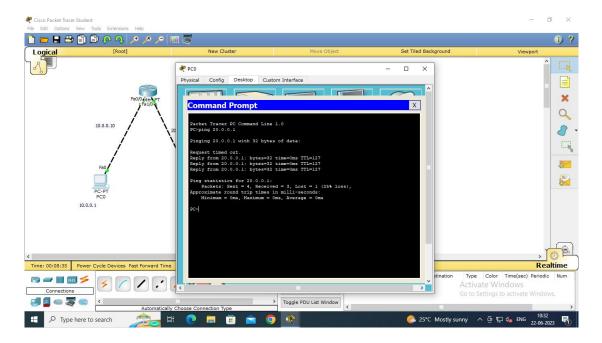


Fig 4: Pinging from pc0 to pc1