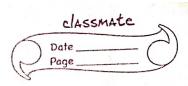




Talke 2 PC and place them as shown in the topology, 2 different IP address (10.0.01 and 40.0.01) as they belong to 2 different network Place 2 youters belonging to these 2 hetworks (10.0.0.10 and 40.0.0.10) being their gateways and place the 3rd routes in bela to connect the 2 networks. Set gateways for 2 PCs and then going to p CLI interface for each routen specify the IP groute for file to transfer using the commands router > enable Router > = tero config terminal Router config : interface < post> Router config-4: Ip address <ip> < subnet mass Router (config): no shut Do Mis for all three routers Then go to terminal of either pe and my to ping to the other one, The message fails to deliver due to not setting up nehwork static routes and next hop. and schip the "not hop" using the



> ip route < network - id > < mask > < next -hcp>
> ip noute 40.0.0.0 & 255.0.0.0 & 0.0.0.20

(for routers)

This is done so mat router recognizes which

This is done so mat router nerognizes which pathway to take when packet is received for particular destination.

Result:

pining 40.0.0.1 with 32 bytes of data

Reply from 10.0.0.10: Destination host unreachable

Reply from 10.0.0.10: Destination host unreachable

Reply from 10.0.0.10: Destination host unreachable

Reply from 10.0.0.10: Destination host unchartable

Reply from 10.0.0.10: Destination host unchartable

Ping statistics:
Packels sent = 4: Recewed=0: 10sf = 4 (100: loss).

ii) > ping 40.0.0.1

pinging 40.0.01 with 32 bytes of data

Reply from 40.0.0.10 bytes = 32 time = 2mg TTL Reply from 40.0.0.10 bytes = 32 time = 2mg TTL Reply from 40.0.0.10 bytes = 32 time = 2mg TTL Reply from 40.0.0.10 bytes = 32 time = 2mg TTL

Ping statistis
Pachels sent=4: Roceived=1, loss=1 (25% 1088)

	Date Page
	Observation
	The norter connects LAN to the Internet. It connects "different networks" with different ids
1	Pacifils are forwarded to the alstination
	Horough network nepping
	Serial posts are used to connect a soulors the connecting cables
	Short
	28/6/23
-	
rat vachoo	
-	
\$ 5 mm	The state of the s

