

\* Set the goteway to the end derices \* In nonters, I set the default network ip route 30.0.0. | 255.0.0.0 40.0.0. |

network Subnect hop

\* Set default noute for all the noute

Ping all devices. OBSERVATION: The noutre configured for a nonter can be checked using the following command Show ip noute 20.0.0.0/8 is directly connected, Serial 2/0 20.0.0.0/8 is directly connected, Serial 2/0 \* The noutre can be configured for a nouter vieng the following command: ip 9oute 10.0.0.0 255.0.0.0 20.0.0.1 je route 0.0.0.6 0.0.0 20.0.0.1 When we ping to 20.0.0.1 from 10.0.0.1 without cetting get or gate way for 10.0.0.1 we get regrest timed out since the end device doesn't know which path to follow. After setting gateway and before setting noute, if we ping to 30.0.0.1 we get request timed out since the

network. Before configuring the noute for nonter 4

If we ping to 60.0.0.1 ferom 10.0.0.1

we get destination host aureachast
because the gout 3 is unaware of

60.0.0.0.0. After we configure a default route for router 3 with hope as 50.0.0.1.

we are able to successfully size to 60.0.0.1 RESULT: Before configuring default noute for nouter 3, pine 60.6.0.1

Pinging 60.0.0.1 with 32 bytes of data Reply from 30.0.0.2: Destination host unreachable

Reply from 30.0.0.2: Destination host unreachable Ping statisties for 60.0.0.1:
Packets: Sent - 4, Recieved = 0, Lost = 4

(100% loss) After configuring default noute:

Ping 60.0(0.)

Pinging 60.0.0.1 with 32 bytes of data

Reply from 60.0.0.1; bytes = 32, Vine = 30ms

TTL = 124 Reply ferom 60.0.0.1: bytes = 32, fine = 9ms

	PAGE NO:
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7.00	Ping statistics for 60.0.0.1: Packets: Sent = 4, Reviewed = 4, Lost =0 (01. last Approximate round trip times in ms M = 3 ms, Mar = 30 ms, Arg = 14 ms
	Approximate round trip times in ms
· · · · · · · · · · · · · · · · · · ·	M = 3 ms, Mar = 30 ms, Arg = 14 ms
1 1	Before setting gateway:
	Di i 20.6.0.1
•	Before setting gateway: Ping 20.6.0.1 Pinging 20.0.0.1 with 32 bytes of data: Request timed out
3333	Request fined out
	Request fined out Ping étatisties for 20.0.0.1
	Packets: Sent = 4, Recieved = 0, Cost-4
	(1007· WSL)
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