## WEEK 3

Configure default route, static route to the Router

## OBSERVATION:

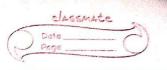
	Classmate Date Page
	Lab.3.
	Configure default soule and static soule to the
	Koute.
	Sim: - Contigues default laute for the souters as well
	the state contest.
	Cut 3 coulds and a 10
	Talan
	Topology:
	20.0.0.20 Realis 1 Sessio 30.0.0.20
	(Router o Scalo 1010
	10.0.010 / Facto
N	10.000
	,
SHITTON IN CO. S.	10.0.0.1 [20.0.0.1]
hamalan and and an	10.0.0.1
and the second districts	
	PC O
	Procedure:
	Step 1: - As we did in the lat & proglam take
	3 router and & pc's.
	The state of the s
	Step &: Set IP address for the PC's and Set upon gatemany for the PC's.
	Step 3: Configure the IP address ofor the souters as we did in labor.
	Step 4: After configuration we will get the same routing table which we had got in the previals program
	privials program



	En: Configure Pouter 0 17 address
e kar J	really to CLI Idahan by 19
	Routy > enable
	Pouter # config +.
han	Pouter (config t) # interface factethernel 0/0
i e.e	Router (config + -4) = if addless 10.0.0.0.10 255.0.0.0,
Jan.	Pouter Growling - 4 9 7 no sheet
Same	Routes (config - if ) #1 no shud
	Los tel (contra 1st latelland 101 in 2/0
N.	Partes (contained) H :0 address 20.00.10 255.0.00
<u> </u>	Poutes (config of) # 10 address 20.00.10 255.0.00  Poutes (config of) # no shul
	enit.
<u> </u>	one,
	Repeate this for other 2 souters at well.
	1P Routing table:
	Routy 0:
	Porte # show in said
	Posites # show ip soule connected, Fast Thund of
	c 10.0.0,0/8 is directly connected, Fast Thund 0/0
	C 20.0.0.0/8 is discly connected, Fast Thund of
	C 20.0.0.0/8 is discelly connected, Fast Thund of
	C 20.0.0.0/8 is discelly connected, Fast Thund of a C 20.0.0.0/8 is discelly connected, serial 2/0.  Router 1: Same output as we got in Labor
	C 20.0.0.0/8 is discelly connected, Fact Thund 0/0 C 20.0.0.0/8 is discelly connected, served 2/0.  Routes 1: Same output as we got in Labor  Routes 2:
V. 2	C 20.0.0.0/8 is discelly connected, Fast Thund of a C 20.0.0.0/8 is discelly connected, serial 2/0.  Router 1: Same output as we got in Labor Prouter 2:
of he is	C 10.0.0.0/8 is discelly connected, Fast Thund of a C 20.0.0.0/8 is discelly connected, serial 260.  Route 1: Same output as we got in Labor Proute 2:
oly ke g	C 20.0.0.0/8 is discelly connected, Fast Thund of a C 20.0.0.0/8 is discelly connected, serial 2/0.  Routes 1: Same output as me got in Labor Routes 2:  Now peng output view PCO.
ele re s	C 10.0.0.0/8 is discelly connected, Fast Thund of a C 20.0.0.0/8 is discelly connected, serial 260.  Route 1: Same output as we got in Labor Proute 2:
ole ke ja	C 20.0.0.0/8 is discelly connected. Fact Thund of a C 20.0.0.0/8 is discelly connected, serial 2/0.  Router 1: Same output as me got in Labor Router 2:  Now peng output view PCO.
ole he in	C 20.0.0.0/8 is directly connected, Fact Thund of a C 20.0.0.0/8 is directly connected, serval 26.  Route 1: Same output as we got in Labor Route 2:  Now ping output vin PCO.  PC > ping 40.0.0.1.
8.	C 10.0.0.0/8 is directly connected, Fact Thund of a C 20.0.0.0/8 is directly connected, serial 2/0.  Route 1: Same output as me got in Labor Route 2:  Now peng output in PCO.  PC > peng 40.0.0.1.  Psply from 10.0.0.10: destination host annuals.
8.	C 20.0.0.0/8 is directly connected, Fact Thund of a C 20.0.0.0/8 is directly connected, serval 26.  Route 1: Same output as we got in Labor Route 2:  Now ping output vin PCO.  PC > ping 40.0.0.1.

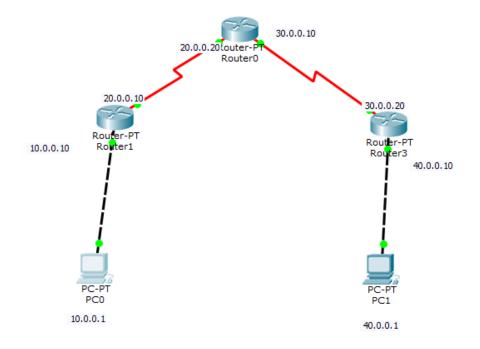
	classmate
	Date Page
	Observation:
	Pit is not reachable since me haven't so,
	the ip south yet.
	to start on by
	Now let up default south in South and
	Loute 3. But for Soute of configure et has one
	did in lab & ( By giving the ip addless which
	did in lab of By giving the ip address while it does not have knowledge about other networks)
	Charles a Libert place What
	In all 3 Pouter (L1 curite config to them set
	Loute Since Manage
	9 100
	Routes 0:
	ip wide 0.0.0.0.0.0.0.0.20.0.0.20
	Routel 1:
	12 route 40.0.0.0 255.0.0.0. 30.0.0.20
	10 200de 10.0.0.0 ,255.0.0.0. 20.0.0.10
All Maria	the completion distribution of the contraction
	· Pouter di la la come
	12 houte 0.0.0.0 0.0.0.0 30.0.0.10.
	Ended on try as at traffic was - I within !
	new IP soute table.
	Route O.
	C 10.0.0.0/8 & diertly connected, Fastetherned of
	S 0.0.0.0/6 (1/0) via 20.0.0.20
Mariani	Router 9.
-	5 - 10.0.0.0[8 [1/0] rica 20.0.0.10
1	C 20.0.0.0/8 is directly connected visialsto
1	. C 30.0.0.0/8 at directly connected resignation
Link	Si 40.0.0.0 /8 [1/0] ria 30.0.0.20

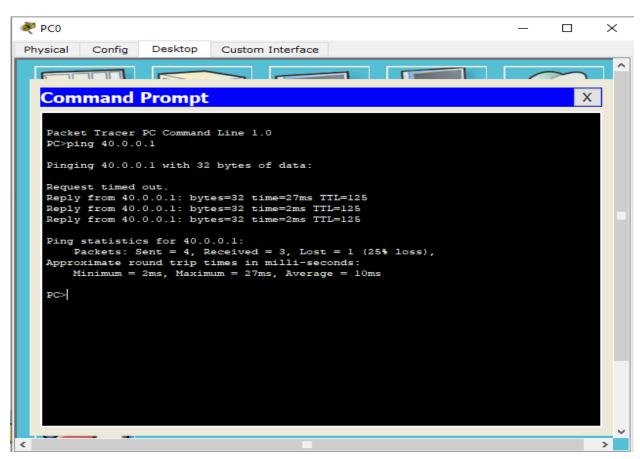
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	Pouter 2.
	C 30.0.0.0/8 is directly connected, sixial 2/0
	C 40.0.0.0 /2 is diretty connected. Fastethernel of
4	S* 0.0.0.0/0 (1/0] run 30.0.0:10
	Ping metages:
#	ping in PCD.
	PC> ping 40.0.0.1
	penging 40.0.0.1 will 32 bytes of dala
	Right floor out from 40.0.0.1 loyer=32 time=dms TTL=125.
	Reply from 20.0.0.1 byles - 32 time = 2ms 771 = 125
	Reply from 40.0.0.1 byles=3d time = 3ms 771=125
	Reply from 40.0.0.1 byles=32 teine=2ms TTL=125  Reply from 40.0.0.1 byles=32 teins=2ms TTL=125  Reply from 40.0.0.1 byles=32 teins=2ms TTL=125
	peng statistics for 40.0.0.1  packets sent = 4, Received = A. clost=0 (104-loss)
	Sphoumati sound this times in milli-selection
	Minimum = 2 ms, Marimum = 2 ms. Awage=2ms
	Observations:
	Alter setting a default houle in lorder o and
Marie	After setting a default houle in Soutes o and sordered wholever packet we sent it will be
661	Sidirected to the souters. Then souters has the
	complete knowledge about all other networks
	Then Poules will send the packet to the
	Supertine network (Router). Then the services or
	destination device will receive the data (packet), it
	will send the acknowledgement after securing the
	packet
	lel de la company de la compan

## **OUTPUT SCREENS:**





Simulati	on Panel					₽ >
Event	List					
Vis.	Time(sec)	Last Device	At Device	Туре	Info	^
	0.000		PC0	ICMP		
	0.001	PC0	Router1	ICMP		
	0.002	Router1	Router0	ICMP		
	0.003	Router0	Router3	ICMP		
	0.004	Router3	PC1	ICMP		
	0.005	PC1	Router3	ICMP		
	0.006	Router3	Router0	ICMP		
	0.007	Router0	Router1	ICMP		
	0.008	Router1	PC0	ICMP		