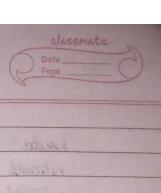
WEEK 6

Configure RIP routing Protocol in Routers.

BSERVA	ATION:
	classmate
	LAB-6 Date Page
	0.4
man	Configure RIP souting Protocol in rouless
	Aim: - Configuration of RIP souting Protocol.
	Jopology:- Route 020 Route 2
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	Routes 2
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Joseph J.	softer example (80 to added in defrances in
gining	the firm of the same of the sa
3	100.000 100.000 100 100 100 100.000 100.000.
	PCO Pel
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	Proceduse :-
	Procedure:- Step 1:- Create a network lopology as shown also
	as snown also
	Step 2: And configure PCD and Pc1 by setter
	IP addies and gotenny los lot
	bock.
	PCO > 1P 10.0.0.1
	Galulay 10.0.0.10.
	PC 1 → 11P 40.0.0.)
	PC 1 → 112 40.0.0.) Gatimory 40.0.0.10.
	V

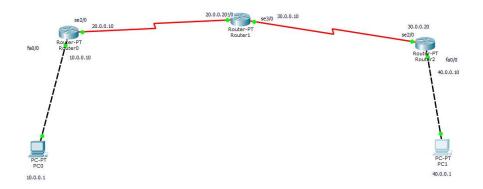


Step 3: - Configure the routers. Roulet O. enable Routes (config) # und Fallo Router (ronfig-of) # 1 address Router (config of) # no shut exit. end 112/0. 1p address 30.0.0.00 2550.0.0. encapsulation PPP clockrate 64000 1 select no shat egesting 10000 and PROTE :- The encapsulation ppp should be given to all the soutes and 'clocksale 64000' command should be only gives to the clost symboled the souter (i.e. open scoles). For making the louters to know about the old denices, in the previous & experiments he used Static and the other with dynamic but her me we routing protocol algorithm that itself maked the router to know other derucis. south rip was at he redund 20.000 & sould 2. network 30.0.0.0.

Souter rep Motors returned 30.0.0.0 2 router 3 returned 40-0.00 Soutes rip relitions 10.0.0.0 (south). network 20.0.0.0 Ping output? PC> ping 40.0.0.1 with 3d legter of data, from 40.0.0.1 .: byter = 30 dim : 0.mc from 40.0.0.1 bytd=32 time 50mg TTL: 128 Reply from 40.0.0.1 lyte=32 time soms TTL:128.
Reply from 40.0.0.1 lytes=32 time oms TTL:128. ping statistics from 40.0.0.1 padrett sent = 4 Received 4 lost = 0 (04-loss) Approximate yound trip time in me minimum = one maximum = one Three age = one Observation: Cliffung rector protocol that are hop count as the primary metric. Fix definir how traffic routers should share information when mouning traffic among an interconnected group of local area relucord.

The PIP protocol here, wed to comed the houters to one who and pais aing Pil photows and mellong as pringed sweetfully

TOPOLOGY:



OUTPUT:

```
Physical Config Desktop Custom Interface

Command Prompt

Eacket Tracer PC Command Line 1.0
PC>ping 40.0.0.1

Pinging 40.0.0.1 with 32 bytes of data:

Request timed out.

Reply from 40.0.0.1: bytes=32 time=8ms TTL=125
Reply from 40.0.0.1: bytes=32 time=10ms TTL=125
Reply from 40.0.0.1: bytes=32 time=10ms TTL=125

Ping statistics for 40.0.0.1:

Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:

Minimum = Sms, Maximum = 10ms, Average = 7ms

PC>
```

