papergrid Date: |\$/12/12022 Lab 7 Configuring RIP vouting protocol in Routers Router 1 Router 1 30.0.02 Sc2/0 Router pr Se2 0 20.0.02 tado 10.0.02/ Router-PI Roverz Roukro Follo 40.0.0.1 1 fal 10.0.0. Laptop-PT Laptopi Laptep-PT Laptopo Router O Configuration # in terface fast Etherneigt 010 F ip address 10-0.0.2 255.0.0.0 # ho Shutdown # excit # interface Serial 210 # ip oddress 20.0.0.1 255.0.0.0 # encapsulation ppp # Clock rate 64000 # na shotdown no shutdown

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router rip # 0. hetwork 10.0.0.0 # network 20.0.0.0 # exit Router | Configuration #interface Serial 2/0 # ip address 20.0.0.2 255-0.0.0 #encapsulation PPP # no Shurdown # Cait # interface serial 3/0 # ip address 30-0.0.1 255-0.0.0 # encapsulation PPP # Clock rote 64000 H no shuddown 4 router rip # network 20.0.0.0 10 mod and and A network 30.0.0.0 # Paiting we want grant and Rover 2 Configuration #interface serial 2/0 #ip address 30.0.0.2 255.0-0.0 Has en capsulation IPP Has Shutdown

interface fastftheret 0/0
ip address 40.0.0.2 LSS.0.0.0

no Shutdown

exit router no

network 30.0.0.0

network 40.0.0.0

pc> ping 40.0.0.1

Pinging 40-0-0.1 with 32 bytes of datas

Roply from 40.0.0.1: bytes=32 time=12m [This

Roply from 40.0.0.1: bytes=32 time=6ms TTL=125

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

Reply from 40.0.0.1: bytes=32 time=19ms TTL=125

Ping Statistics for 40.0.0.1:

Pockets: Sent = 4. Recreived = 4. Lost=0

Approx. round trip times in milli-seconds:
Minimum = 6ms, Maximum = 12ms, Average= 9ms

Observation

Using RIP protocol we were able to relay routing table info.

Throughout the network anovers were able to identify the network not adjacent to them which helps send PDUs from one end device to cenother.

	Demonstration of WEB server and DNS using Packet tracer
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	Switch o Kall 60
	Switch 10.0.0.2 Server-P7
	Servero
	/Pap/11
	1 Pao
	ATT I
	PCO
	10.0.0.1
	Procedure
7	Configure ip address for end device and server
→	Chick on server -> Services -> DNS
5	Click on 'On to enable DNS service
<u>ئ</u>	Give a name of a website (custom)
	Bg. www.easyleann.com
7	Give address of the server
- >	Csick on odd
3	make sure TTTP services are 'on'
->	Go to end device -> Desktop -> web browser
->	Type und and click go.

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\rightarrow	Again go to server -> services -> HTTP
→	Click on helloworld-html
→	Change the fire and which on some
\rightarrow	Go to end device > desktop > web browsey
\rightarrow	Type - unl and mention name of the saved
	file
	Eg. www.easytearh.com/helloworld.html
7	Click go
-3	The degined page is displayed
,	3
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