Expt.No. Page No./ 13 25/02 Date./ Assignment -04 04, Aim: To configure and test static routing Objectives; Configuring and verifying two noutons connection using static routing. Device Model Devices Needed: SL no. PC-PT PC 01 2950T 02 Switch 02 02 Rowon-PT Router OB Stops: all davies mentioned in the table and create First select (1) topology as shown in the diagram PCs with IPA address and subnet mask according Configure the (3) to the given table. Now configure routors with 1P oddress and subnet mask (3) use Roule - static : To configure static routing (9) Rower 6: Network: 192. 168.3.0 OXFORD Mosk: 265, 255, 255, 0 Next Hop: 192.168.2.2 Teacher's Signature

Expt.No. Page No., 4 Date./ 25 B Router 7: Network: 192. 168.1.0 In Mark: 265.255.255.0 Next Hop: 192.168.2.1 Verily the network by pinging the IP address of a pc in another network, In PC4; command Prompt > ping 192.168.3.2 End. (6) OXFORD

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192 168 2 1

Router-PT
Router0

Router 1

192 168 2 2

Router 1

Router 1

192 168 3 1

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192 168 1 2 192 168 1 3 192 168 3 2

192.168.1.1

PC0

192.168.3.3

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Aim > To configure and test dynamic nowling

Objectives > Configuring and testing two router connection using RIP Routing Algorithm (Dymanic Routing)

Devices Needed > All required devices along with their 19 configuration are listed below :

	SL	Device	Interface	IP Address	Gateway Address
	01	Pco	Fast Elbernet	192.168.1.2	192.168.1.)
	02	PC1	fast Elbernet	192.168.1.3	192-168-1-1
	03	PC2	fast Ethemet	192.168.3.2	192-168.3-)
	04	PC3	fast Ethennet	192.168.3.3	192.168.3.2
	05	SwitchO	fast Elhemet	100	1 de 1
	06	Switch I	fast Elbernet		
	70	Rower O	" / Serial DTE	192 168 .1.1	
	08	RouterI	" / Serval DTE	192168.2.2	st 277 1.42
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Steps

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first, open the cisco packet tracen desktop and select the clavices given below.

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Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.3.2

Pinging 192.168.3.2 with 32 bytes of data:

Request timed out.

Reply from 192.168.3.2: bytes=32 time=1ms TTL=126

Reply from 192.168.3.2: bytes=32 time=3ms TTL=126

Reply from 192.168.3.2: bytes=32 time=15ms TTL=126

Ping statistics for 192.168.3.2:

Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),

Approximate round trip times in milli-seconds:

Minimum = 1ms, Maximum = 15ms, Average = 6ms

3)

a After creating topology, connect cables between them.

configure PCs Chocks) with IPv4 and subject mask, according to the IP Addressing.

	ny lepandritr'i remandrative di				
	3L	Device	Interface	1P Address	Subnet Mask
	01-		fastElhennet o/a	192.168.1.)	265 265 255 0
	OI	Router O	Serial 210	192.168.2.1	265-265-255-0
	02.	Rowen1	fastElb emet 40	192,168.31	255 255 .255 .0
we have been been as the second of the secon			Serial 210	192,168.2.2	255.266.256.0

(4) After this click on Rowling tob at RowerO and odd RIP Rower for Rowler O: 192.168.1.0 and 192.188.2.0

Similarly click on Rowert Rowing tab and add RIP Rowbs for Rowton 1: 192.168.20 and 192.168.30

Verify The network, by opening PCO is command prompt under desktop tob and pinging IP address of any PC in other network (eg. 192.168.3.2).

End.

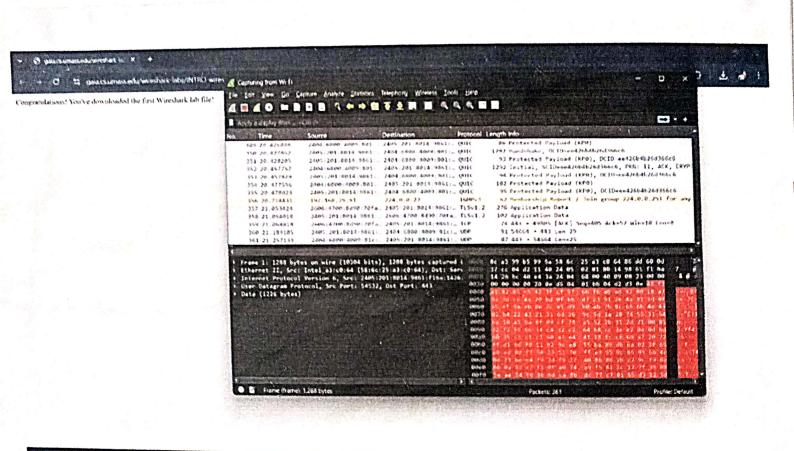
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	Assignment - 06
8	Analysis Aim: Network Traffic Using Wireshark
	Objectives: v Installing and configuring Wiresbank. By Capture and Analyze line network tappic.
	Requirements: us wired LAN ammedian.
	(2) Wireshark Software. (3) Compuler.
	Steps:
1.	Installation & Selip: Install whreshank & Mpcap (for windows)
2.	Capturing Packets: · Laurich wireshook, it will show available
	network interfaces and an empty aphone window.
	· Groto capture > options.
	· Select Ethornet Interface
	· Uncheck "Itide copture info dialog".
	· click start to begin packet capture.
rorp.	Generale Network Troffic: Open a web page after the page fully loads dick on "stop" in
	page fully loads click on "stop" in wireshark.
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4.	Analy zing	Troppic:	MORO view	details of	Ememet, If	o, TCP and	
			HOO view HTTP Lagor To identify filter.	a speufic	protocol d	učk on	_
5.	End.		U		15. 70V5		_
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