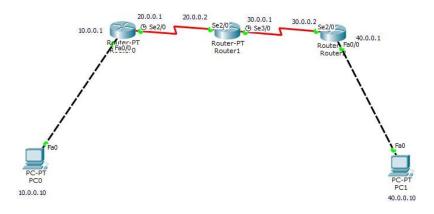
Experiment 6- Configure OSPF routing protocol

25	Rafna Gold
-	Asm > To configure OSPF Rowing protocol and conned
	-Areas.
	and a military arres a Chi-galoria
	Topology ->
	manufactured and the second
	100/0 Se2/0 10.0.0 30.0.0.1 40.0.0.1
	10.0.0,1
	alk many majorial to terma yes
	a War and a such a grant of a contract of
	1 999 000000000000000000000000000000000
	A CONTRACTOR OF THE PARTY OF TH
	A (A) THE COURT OF
	Parameter to tendence of the second of
	The last of the contract of th
	/ 10.0.0.10 miletan 1 (9" + 0.800) of ["
	40.0
	member 2 are # (27 - 0/2 nos) all
	procedure >
	/
8	tep 1 - create topology using 2Pcs and 3 muturs
8	tep2 -> configure ip address to all interfaces.
	2.0.0.223 F.0.0.01 sylpho of a (+1.402-00) 189
1	in Router RI,
	nterface fastethernet 0/0
telet	p address 10.0.0.1 255.0.0.0
385	
-1F/H-M	o Shutdown
1 10	216 control th interface facultiment 10/0 + ix
10.	0.2.20 1.0.0.0 4 10 addres 40.0.0.1 315.2.0
11	Le (worky - 19) # no Shutdown

26	
RI(config) # interface Serial 2/0	
RICcontig-it) aip address 20.0.0.1 255.0.0.0.	
RI (config-if) # encapsulation ppp	
RI (config - it) # clock rate 64000	
RI (config-if) # no Shutdown	
R1 (config-if) # exit	
In Route R2,	
ex (config) # Interface Serial 2/0.	
R2(config-if)# ip address 20.0.0.2 255.0.0.0	
Re (config - if) # encapswation ppp	
R2 (config-if) # no shutdown	
R2 (config - if) # exit.	
9	
R2 (contig) # Interface Serial 3/0	
R2 (contig-it) # ip address 30.0-0.1 255.0.0.0	
R2 (config - if) # encapsulation ppp	
R2 (config-if) # clock nate 64000	
R2 (config-if) # no shutdown	
R2(config-if)# exit.	
In Routes R3, R3(config) # interface serial 3/0	
R3(config) # interface serial 3/0	
R3 (config-it)# ip addres \$0.0.0.2 255.0.0.0.	
P3 (config - if) # encapsulation ppp	
Rs (config - it) # no Shutden	
RS (config - it) # no Shutdown	
R3 Coonfig-Pf) # exit.	
The same of the sa	
Rs(config) # interface fastethernet D/o	1-6:143
R3(confg-if) # ip address 40.0.0.1 255.0.0.0	
R3 Cuonfig - if) # no Shutdown	

26	
	Steps -> Now, check routing table of R3
	R3 # Show ip mute
	Step 6 - Erreate Virtual link blw P1, R2 by this we create a virtual link to connect areas to area o
21-10 82	virtual link to connect areas to area o
- Avenue	RI THE STATE OF TH
	nouter ospf I allowed to the second to the s
	area viritual-link 2.2.2.2
	exit , the tom 21 more that to more day
dan	C 10. 0. 0io la is directly converted, Fortelland
0	R2, area virtual - link 1.1.1.1
derial 26	exit as a loo o of at a
TAP MANG	
3	tep 7 -> R2 and R3 get updates about area 3, Now Checking routing table of 3
91 4T 33	Touting table of 3
A sept 1	R3 # Show ip route
	Dutput -> De Ping from pc 40.0.0.10
- 1	ping \$10.0.0.10
	Pinging 10.0.0.10 With 32 bytes of data
	Reply from 10.0.0.10: bytes = 32 time = 9ms TTL=125
	Riply from 10.0.0.10: bytes = 32 time = 9ms TTL=120
	Reply from 10,0,0.10 bytes=32 time =9 ms TTL=125
	Reply from 10, 0, 0, 10: bytes = 32 time = 9ms TI=125
0.0/3	10 (config-14)# 10 ndd m 16.1.313 25 25
X	ping Statistics for 10.0.0.10:
A A	Packets: Sent=4 Recieved=4 lost=0 (01-los5)
Char	Approximate round trip times in Mili-Seconds:
0.0.	minimum = 7 ms, Maximum = 9 ms, Average = 8 ms
	awabhade on #(11 - pitros) 23

Topology:



Output:

