	P-4 C-11
	Bafna Gold
	OSPF
	open shortest hath first - Link state algo
	Aim: Configure OSPF routing protocol
	Topology:
	Axen Axen
	Area 1 Area 0 30.0.0.2
	10.0.0.1 20.0.0.1 30.0.0.1 40.0.0.1
	Area 3) Area
	Areas)
A so	2/ 10 distributed 30.000 0.255 255 155 a
5 00	in 120 TRA RECEN O D. O. A. H. Manudan Att Harris Line 1.
	10.0.0.10
	201.00.00.0 gateman 40.00
	Procedure:
	and the timber leading the
6 320, 33	configure the PC's with the IP address &
WHEN CO.	
	gateway march track and the tracking 12
•	Configure each of the scouters acc to
	the ip address as shown in the topology Encapsulation ppp and clock state need
19. 38c . E.B	Encapsulation ppp and clock vate need
	to be set as done in rip protocol.
/	Router 1 ospf
A JE A BE	RI(config)# scouter ospf1
1.10	RI (angig ## soulor id 1.1.1.1
(config rou	tu)# notwork 10.0.0.0 0.255.255 area 3
RI (config-n	metwork 20.0.0.0 0.255, 255, 255 aral
RI (config-	atomy exit
0 -	

	wood bock 0 -> software inkerface vistual interface
	Router R2
	and the second s
	# viouter ospf 1
	m# router-1d 2.2.2.2
82 (Config-route	# nelwork 20.0.0.0 0.255, 255, 255 areal
2 (Config-mi	# metwork 30.0.0.0 0.255, 255, 255 area0
R2 (config-2011	# exit
	The state of the s
201	Router R3
R3 (config)	# drouter ospf1
3 (antig-soul	# router-id 3.3.3.3
3 (config- a	melwork 30.0.0.0 0.255.255.255 area 0
	TO TO THE ACT OF
N3 (Con	fig - viouter) #exit.
1-0	The state of the s
merjace	both back > creating copy
	- 2- 1 ()
10	RI (config-if) # interface loopback () RI (config-if) # ip address 172.16.1.252 255.251 RI (config-if) # no Shutdown
30.1	R1 (config-4) # up address 172.16.1.252 255 151
d	RI (config-if) # no Shutdown
una had	Colligate the the the security of
BULLDUY	R2 (config-if)# interface bookback 0 R2 (config-if)# up address 142.16.1.253 255,000 R2 (config-if)# no shut.
Annah	K2 (config-16) # up address 142.161 252 mino
	R 2 (config-if) # no what
	027
	R3 (config-2) # interface doopback 0
	K3 (configure) # ip address 172-161 254 255 181
(2)	R3 (configure) # ip address 172.16.1.254 255.25
1.604	RICarles RIVER RIVER
	(contra) + contra
	RI(config-vonter)#area 1 Northal-link 2.2.2.2

N Bafna	Gold -	
Oate:	5.9de:	

	Bafna Gold —
W(+1)	Router 2
	R2 (config - router ospf 1 R2 (config - router) # area 1 verutal-link 1.1.
	R2 (config - noutr) # areal verutal-link 1.1.
1 (gal	R2 (config vioriler) # exit.
charc	12 - 18 m is somet got be a stone of will - ear
-/-	Finally show ip stock
	Router # show ip route
	O IA 10.0.0.0/8 [110/129] via 30.0.0.1,00:00:33
	serial3/0
	O IA 20.0.0/8 [110/128] via 30.0.0.1 3 D0:00:4: serial 3/0 30.0.0.0/8 is variably submetted; 2 subnets, 2 marks
	C 30.0. 0.0/8 is directly connected, Serial 3/0
	2 30.0.0.1/32 is directly connected, Serial 3/0
C	40.0.0.0/8 is directly connected, Fast Ethernologo
C	172.16.0.0/16 is directly connected, hoopbacko
1	
	C> Peng 10.0.0.10
	linging 10.0.0.10 with 32 bytes of data:
R	eply from 10:0.0.10: bytes=32 time=4ms TTL=128 eply from 10.0.0.10: bytes=32 times=4ms TTL=128 eply from 10.0.0.10: bytes=32 time=8ms TTL=128

	Reply from 10.0.0.10: bytes=32 time=8msTTL-7;
-18.8.10	Ping statistics for 10.0.0.10: Packets: Sent = 4, Recieved = 4, Fort= 0 (01/loss) Approximate around trip times in milli-seconds: Minimum = 4ms, Maximum = 8 ms, Average = 6m
8:01 mn	10 p 18 73
	O.E. mark 13/0
00:00:	1.00 14 20.00/8 [10 /128] orio 30.00/12 1 3 Mendua 110 30.0.0.0/8 is surjour subnest
	Buboate 2 models
0/8/0	100 200 0 0/8 is directly connected. Les
0/8/0	Car Balle 132 is directly connected Ser
birth	C. 40.0.0.013 is directly commented. Fast
Model	TO MO 16,000/18 in directly connected has
	PC> Porragio Colo Colo Colo Colo Colo Colo Colo Co
inte	Bunging 10.0.0.10 with 32 before of the
- 177 2	Reply Iron D. U. a. 10: Autes = 82 Jane - 7-m
= 1176	Righty frama 18.00 0.10 = 12.05x = 32 Times = 10m
-JTT B	Reply from 16.0.0.0.10: higher 22 time - 800





