of distributed & Experiment . 8 29.11.24 Afm: Configure OSPF routing protocol Topology:

ROUTER O ANCO 1

ROUTER O MICO 1

ROUTER O XIO X Sessio SUSTOUTER 2

X Sessio X Juo. 0.01

100.01 Faolo 200.0.2 30.0.0.1 30.0.0.2 30. 0.0.1 30.0.0.2 | Facto Hyorolog Uds DG:010.0.0.1 10.0.0.1 10.0.0.1 sorreduce to the start house Steps Create topology like the above per diagram with It address and default gaterray for Faolo and sez lo and se slo Step 2: Conféque the IP addees to all enterfaces RD: ip addess 10.0.01 255.0.0.0 (fa old)

RD: ip addess 20.0.01 255.00.0 (se 210) encapsulation ppp. In souter Ry R1: 46 addeen \$0.00.1/245.0/0,0 clock rate 64000 no shuldown enit

In Router 1 coco by solving # Pritespace serial 2 to # 1p addees 20.0.0.2 255.0.0.0 # Encapecilation ppp 100 15 # no sheetdown # Porterface serial 310 1 100 200193 H # 1p address 30.0.0.1 255.0.0.0 # encapsulation ppp. sonder # clock rate 640000 00000 dentes # no shuldown # exit RI thehen to south In Router 2 # interface festethernet 0/0 # ip address 40.0.0.1 255.0.0.0 # no shut # exit # Enterface serial 210 dangood # 1p addres 30.0.0.2 258.000.09 M. # encapsulation opposition opposition # # . no shutdown . 1. 21 . 8 61 . 960 99 # to Router &1 In Poulee o # souter espf to wardard sinfortal to # souter-id & 1. E. 19.1. 1. 261 hbs 99 14 # network 10.0.0.0 0.255.255.255 area3 # network 20.0.0.0 0.255.255.255 acea 1 # enit Potestore deaplacer In Route to 128.1.11.861 # souter opp 1 . marship

		Date/_/_	
-	In routee R2		
	# show sproute		
_	0		
_	C		
_	C		
Steph	Create a vistual link between	R1, R2	
219	In Routee RI		
	# souter oxp 1		
	# alea 1 vistual-link 2.2.2.2		
	In Poutee R2		
	# area 1 virtual-link 1.1.1.1		
	# exit		
	I I I I I I I I I I I I I I I I I I I		
	In Routee R3		
	It show ip route		
	0		2, 18
	C		
	0		
	C		
	Observation		0 1 1
	Check connectivity between the	pt 10.0	10. 10 PO
	40.0.0.10	nul c	
1		4, 10	11=0
	(0-1-10M)		
	1	7.5	2
	pr > pena 10.0.0.10 (9n	CPO	PCA)
	PC 7 ping 10.0.0.10 [9n Packets: sent = 4, Received = 1	y, Lost	=0
	taceer.	0.1.100	4)