PAGE NO : AB- 09 DATE: How to configure : OSPH Routing of connect Areas. Alea 1 Aria O 20.0.0.1 40.0.0.) 10.0.0.1 30.0.0.2 Pro PROLEDURE: R1(config) # interface fastethernet 2/0 R1 (contig-it) # ip raddress 10.0-0.1 255.0.0.0 R1 (config-it) #no shutdown R1 (config St) Herit R1 (config) #interface sexiel 1/0 R1(config-if) # ip address 20.0.0.1 255.0.0.0 R1 (config if) # encapsulation ppp 100 # (poluce) R1(config-if) # clock rate 64000 (toping) R1 (config - if) + no shutanin In scoules 2. R2 (config) # interface serial % R2 (config-if) # up address 20.0.0.2 255.0.0.0 R2 (contig-if) # encopsulation ppp R2 (config-il) # no shutdown R2(config) # interbace serial 1/1 R2(config-4) # ip address 300.0.1 255.0.0.0 R2 (config-if) # encapsulation

	PAGE NO: DATE:
	R2(config-if) # clock nate 64000
	Ra(config-if) # shutdown
	R2( config-if) # exit
	In Router R3,
_ ~	R3 (config) # intexpace serial 1/0
~~	B(config-if) # ip addres 30.0.0.2 255.0.0.0
~~	B(config-if)# encapsulation -ppp
~~	R3(config-if) # no shutdown
~	l3(config-lf) = exit.
~	Per coulis) # (properties factoring)
~	R3(contig) # interface fastethernet 40
~	13(config-it) # up addiess 40.0.0.1 255.0.0.0
~	183 (config-if) # no shutdoon formall? Change
~	R3 (contig-if) # exit
~	Ill con the intentione series 410
3.	10 xouty 1 22 10 000 Machine 20 # 42 0H (02) 123
-	R1 (config) # router orof 1
~	R1 (config) # xouter expf 1  R1 (config-terminal) # xouter-8d 11.11
-	R1( ) # network 10.00.0 0.255-255-255 and
~	R1( ) # notrions 20000 0.255-257.955 and
-	R1 ( ) # network 20.0.0.0 0.255.255.255.255 are
-	10 Route 2 0 10100 morning # (01300)001
	R2 (contig ) # youth opf 1
-	R2(config - speter) # 2010 0 - id 2.2.2.2.2
~	R2( ) # motors
	R2 ( )# network 20.0.0.0. 0.255 245.250
-	R2 ( ) # exit.
-	
-	In Route Book Dellar a land a land a land a
	the state of the s
	# xoulen ospf of containing the cont

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PAGE NO :	
DATE:	11

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	# xoulu-5d 3.3.2.3	moderated All
2.5	# network 30.0.0.0 0.255 255.255	sua D
20%	F network 40.0.0.0 0.255.255.255	
	# exit and 12 11 2 pas 21 a and	the safety thousand
	Router # show IP goule	
	RI ( config-9f) # interface loopback	0
	KI (contig-it) # up address 172.16	1.252 255 205 90.0
	RI (config-if) # no shutderon	
	R2 (contig-it) # unterface loopback	0
	R2 (config-if) thip address 172.161.25	\$ 255.255.0.0
	R& (config-it) + no shutdown	
	026 0-20 010 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	R3(contig-it) # interface loopback o	
		1.254 255.255.0.0
	# no shetdown	
	R3 # Show ip xoute	
	in Routes R1	
2	R1 (config) # router Ospf 1	-
	R1 (config-router) # wea 1 virtue	al-link 2.2.2.2.
,	P2 [ 000 [ 0 11	
	R2 (config-xouter) # exit.	war-xank 1.1.1.1
	RZ (auting - xouter) # ent	
	R3 # show ip route.	
	OBSERVATION:	
	Pung 40.0.0.10: 56 bytes	
	64 bytes from 90.0.0.10. seg 1 771	= 61 Lim = 173.753 ms

PAGE NO.

	DATE:
	Ch bytes from 40.0.0 in "seq 2 Til = 61 time = 64.723 mg  64 bytes from 40.0.0.00; seq 3 Til = 61 time = 66.728 mg
	64 hyter from 40.0.0.10 : seep 4 711 = 61 thorn 60 - 9.24 mg
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