13/11/24	OH SOAR)	PAGE NO :
	LAB 09	
	lim To design a DHCP within L	9N
4.00.500	Topology: had said lather long by	uoodo
	Within LAN 1P 10.0.0.1 copper straight som	X130) 1
- Las	1P 10.0.0.1 copper straight som	Switch o
The gran	6.00	fa 2/3
		fao
Complete Company	Server-PT 10.0.0.2 [] 10.0.0.3 [] fo	1_100004 20 PC2
58	1 PCI AM SOLVE SOLVE PCI ME PCI ME	rend laces
1	Procedure:	and when
	Place 3 PC's, 1 server and one swith devices to the switch using copper	ch and connect all
2	14	1 100
	Coo to server PT -> Desktop -> IP config IP address - 10.0.0.1	nuration
	Default gatury - 10.0.0.0	77/
3	In server PT go to config - services -	DHCP turn service
	Poolname: Switch 1	
	Default polence. In a a	
	0,000(1) . 10.0.0.3	
	Man no of users: 100 Wick on Add	
4.	· · · · · · · · · · · · · · · · · · ·	
	1P configuration learn 18	tion and change
	IP configuration from state to DH will be assigned submatically	CP. The IP adays
. <u> </u>	Ping from PCO to Pcz	
	U	

	Ping decross south seg threat
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	poservations !
4)	Au connections are successful
2.	Ping 10.0.0.4
•	
	Reply from 10.0.0.4 = bytes = 32 time = 1ms TTI = 120
	Reply from 10.0.0.4 = bytes = 32 time = 0 ms TTL - 120
	Reply from 10.0.0.4: bytes = 32 time = 0ms TTL: 120
	Reply from 10.0.0.4 = bytes = 32 time - 0ms TTL-120
- 1953	
	Ping status for 10.0.0.4
	Packets: - Sent = 4, recieved = 4, lost=0
- 4	Level and the second se
100	1 Mars Chlors and the of screen I rected our
	term as shore in the frame
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	TO I STORED THAT THAT I CONTROL OF COMPANY
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	DATE:
	Default gateway: 20.0.0.1
	Default galcinay: 20.0.0.1 Start IP: 20.0.0.3
4.	Go to xouter Cy
	renable
	# config terminal
	# interface fast ethernet 4/0
	# ip addless 10.0.0.1 255.0.0.0
	# ip helper - address 10.0.0.2
	#no shut
	Enit
	# interface fasternernel %
	# ip address 20.0.0.1 255.0.0.0
	Fno shelt
	Enit
	All router, switch connections go up
5	(w to all 6 PC's and change IP And change configuration
	from state to DHCP, address will be automatically
	assigned
	1 3 3 3 7 C C
6	Ping PCO to PCS
	OBSERUATIONS:
	Pinging 20:0.0.4 with 32 bytes of data
	Request time out
	Ping statistics:
	Packels: - sent=4 Recieved: 0, Lost = 4 (1001. Loss)
	When ping lent across routers, request timeout
	pro

Pinging 10.0.0.23 with 32 bytes of data time-3ms IIL=120 from 20.0.0.23 bytes - 32 Ryply from 20 bo23 bytes = 32 time= 3ms leply from 200.0.23 byter= 32 time= 3mc from 20.0.0.23 hytes=32 time = 2 ms Packets: - sent=4, Recieved=4 lost=0(01 loss)