

	Lab - 4
	- illing is small girl envise a correct
* 1	Alm: (Configuring DHOP within a LAN in a
	Packet Tracer
	() Control () Co
	Topology:
	10.0.0.2
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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• 4	T we sun't a life 1.0.0.00 mont plant
	Fa 4/0
	Swarch /
• (Fa0/1 - Fa3/11
k w	FaV//FaVI
14.43	Fa0 Fa0 server
	PC0 PC1 PC2
	10.0.0.3 10.0.0.4 10.0.05 server 0
	Procedure:
	1) Add 3 PC's alserver, I switch and I Router
	to workspace. Connect PC, server to swith by using copper straight-through wire.
	using copper straight-through wire.
	2) Configure the server by giving the 19 address
	and gateway.
	3)
	3) Now go to Router and open CLI and
	tollow these commands

Achiever



Router > enable 1 ... 1 of part 171 ... 1 Router # config t Router (config) # interface Fast ethernet 40 Router (config. if) # ip address 10.0.0.2 255.0.0.0 Router (condig-is) # ino shot Router (config-it) # exit Router (config) # exit Router Hexit Had I down in 1000 in Routers 4) Now go to services in Server 0 go to DHCP change service from off to on. Now give Start IP address 10.0-0,3 and give all servers 00 10.0.0.1 manifold 100 1100 in 5) Now open IP configuration in Desktop change IP configuration from static to DHCP Follow the same for all them other PC'S 6) Now Ping can be done from any PC. Observation Learning outcome: server automatically provides IP address for all the PC's. Follows below procedure D - Discover O - OFFER R - Request 8 - Acknowledgement

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1	
	Result: Ping 10.0.0.05
	Pinging 10.0.0.5 with 32 bytes of data
	Reply from 10.0.0.5: bytes=32 time=0ms TTL=128 Reply from 10.0.0.5: bytes=32 time=0ms TTL=128 Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
	Reply from 10.0.0.5: bytes=32 time=0m5 TTL=128
	Ping staticstics for 10.0.0.5. Packets: Sent=4, Received=4, Lost=0 (0%)
. 103	Aproximate round trip time in milli-seconds: Minimum = 0 msg Maximum = 0 msg Average = 0 ms
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