Week-5

Configure DHCP within a LAN

14 15	Jab-05 Basna Gold-
	Aim -> Configure DHCP Within a LAN.
	Procedure ->
11/1/1 1	Select 28cs, 1 Laptop and a server and a switch. In a server, first set the IP address as 10.0.0.1 In IP configuration.
3 Yelan	TP configuration.
8 2	Then go to Services in Server. In Services select DHCP and follows as below for configure First network.
	Toolmane: Switch 1
	De fault gateway: 10.0.0.1 DNS Server: 10.0.0.0
	Start TP address: 10.0.0.3. Subnet mask: 255.0.0.0.
2 buy	Max no of user: 100
0	Then click on Add, and confirm that Service must be on
5	Then go to each and every pc and laptop which were connected this network
The state of the s	Gick on destop, go to IP configuration then give DHCP Ffor that every pcs and laptops automatically assigned its the De addresse
w	ith the TP address.
and	I (x) (1)
Network 2 Pal	Ten and Mahmank
In	a Server, change the PP address from 10.0.0.1 to 10.0.0.2
or or	AL MO TO ADDIVITED IN COLUMN TO
	follow as below for configure 2nd network.
	tix) I

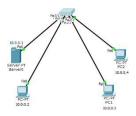
16	rahila - Za Ani
	Clar -> Configured THE WILLIAM STEEL
	Poolname 2 switch 2
	Default gateway: 20.0.0.1
	DNS 807127 : 20.0.0.0
100	Start IP address = 20.0.0.3.
	Subnet mask . 255.0,0.0.
	max no. of user: 100.
Here and	click on add button.
	tronue as below for configure trust authority
	To Establish connection between the 1st and 2nd Network
	add nouter and connect with It
	1st network connectinguising Fiber wire
	and network connectiousing straight wine.
	go to router, Open (1) follow these below commands
- 11	for 1st network,
	enable
2	Config turninal
	interface fastethernet fa 410
97.	ip helper - address 10.0.0.2.
6,	No Shutdown
7.	exit.
F	or 2nd Network,
noits inter	enable of brook oil out of offel to see a tool of
a.d 2.	Config terminal.
	nterface fastetherinet Faolo
11 -	p address 20.0.0. 1. 255.0.0.0
	p halper -address 20.0.0.2
- 11	so shutdown
7. C	xit.

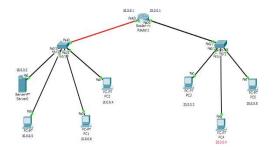
8	
	0/p->
A loss	peo: Ecommand prompt7.
	PC > ping 20.0. 0.3
wi	pinging 20.0.0.3 with 32 bytes of data: pinging 20.0.0.3 with 32 bytes of data: Replying from 20.0.0.3 bytes 32 time: Oms TIL = 127 Replying from 20.0.0.3 bytes 32 time: Oms TIL = 127
i cyar	Replying from 20.0.0.3. byte 32 time: 0 ms TIL = 127 Replying from 20.0.0.3. byte 32 time: 0 ms TIL = 127
La sene	Replying from 20.0.0.3 2 byte: 32 time: 0ms TIL=127
NAME OF THE OWNER, OWNE	the state of the s
	ping statistics for 20.0.0.3
	packets = Sent = 4 , Keclered = 7 , 1051 = 0
	mini mum = 2 ms maximum = oms, Avorage = oms
	7 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	,
	The same of the sa
	Description -
	Concentration
- 1	and the state of t
	each and evenly per and laptop sends parket to per an
1116	precent in and networks and the packets go
-	Seat each Other
- 11	So that the packet genera Sente from one nicholan
	another outwoor to the Flourist contration
	The second secon

Topology:

(within Lan)

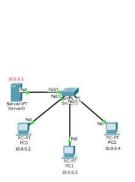
(outside Lan)

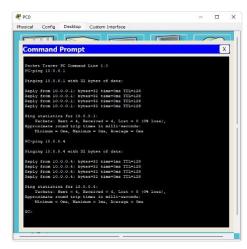




Output:

(within Lan)





(outside Lan)

