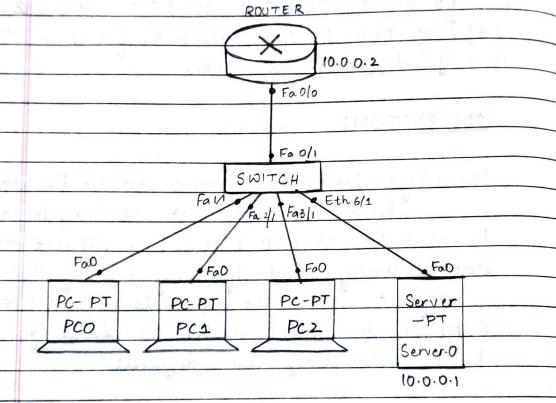
LAB-4

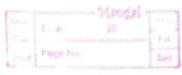
AIM: Configuring DHCP within a LAN in a packet tracer.

TOPOLOGY:



## PROCEDURE:-

- \*) Place a generic rouler generic switch, and 3
  PCs into the workstation and connect
  them as:-Rouler to switch and switch to
  all 3 PCs and Server.
- Den Sewer Config tab, set its IP orderess
  and Subnet mark, from Settings tab let
  its gateway.
- \*) For Server IP address is 10.0.0.1, Galeway is 10.0.0.2.



1	A second and a second control of the second
X)	Copingt - intercase some
AND THE REAL PROPERTY AND ADDRESS OF THE PARTY	W II
CONTRACTOR	Go do the constant of the sent
A Commence of the Commence of	Go do the Services tab of server, and select
and the second second	DHCP from the left to solver, and select
	A A A
	Sewices, Set default galeway as 10.0.0.2
STATE STATE STATE OF THE STATE	DID COMO I LTO
y fat man fatolika di limana di mandi di man di mandi di man	the markets change it in an
	The state of the s
and the second	
*	go to the perkton take a
Colored State Control of the Control	the state of the s
and the second s	TOM Stall to DUCE
	The appoint
	Sever is Set his waster gateway and DNS
	Sever is Set by Defaut.
*	On the above of
)	Do the above Step for all the PCs.
	DBSERVATIONS:-
	LEARNING:-
	The server automatically sets the IP address
	Subject mark and solve
	Subnet mask, and gateway to all the PCs and IP address is allocated
	capitali in Discarece la allocated
	serially in PHCP protocol.
The state of the s	

Mon	Oatst	20	
Tua	policy of a state of the state		Selection at a
Wed	Paga No:		FI

	RESULT:
-	
en-engage	>ping 10.0.0.4
-	pringing 10.0.0.4 with 32 bytes of data
	Reply from 10.0.0.4: Bytes = 32 time= 0ms TIL=15
and the last	Reply from 10.0.04: By tes = 32 time = 0 ms TTL=128
	Reply from 10.0.0.4: Bytes=32 time=0ms TIL=128
	Reply from 10.0.0.4: Bytes = 32 time = 0ms TTI=128
	Ping Statistics for 10.0.0.4:
	Packets: Server Sent = 4, Received = 4, Lost = D
2	Approximate round trip times in milli-second.
	Minimun = Oms, Maximum = Oms, Average = Oms.
	I Disper Charge into English to DHCP 1
	e gi www. wodah wa dala watedi
	Rock and all the second and the second
	- Park 1804 The top of the same of
	and war our wal- and warm not no by

Physical

CLI

## IOS Command Line Interface

--- System Configuration Dialog --
Continue with configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>enable
Router\$config t
Enter configuration commands, one per line. End with CNTL/2.
Router(config)\$interface fastethernet 0/0
Router(config-if)\$ip maddress 10.0.0.2 255.0.0.0

\* Invalid input detected at '^' marker.

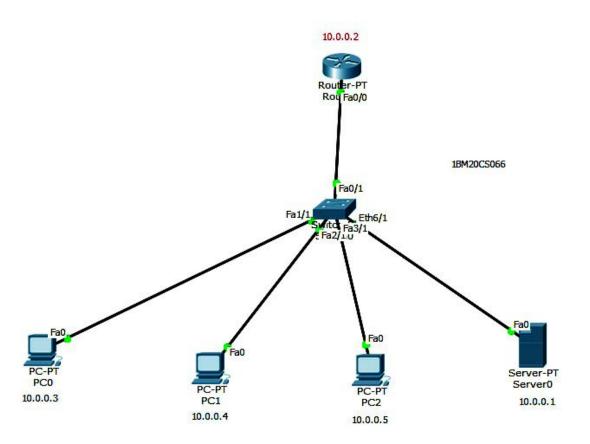
Router(config-if)\$ip address 10.0.0.2 255.0.0.0

Router(config-if)\$no shut

Router(config-if)\$
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Сору

Paste



## Command Prompt

```
X
```

```
Packet Tracer PC Command Line 1.0
PC>ping 10.0.0.4

Pinging 10.0.0.4 with 32 bytes of data:

Reply from 10.0.0.4: bytes=32 time=0ms TTL=128

Ping statistics for 10.0.0.4:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

PC>
```

