

## LAB 5

Configure Web Server, DNS within a LAN.

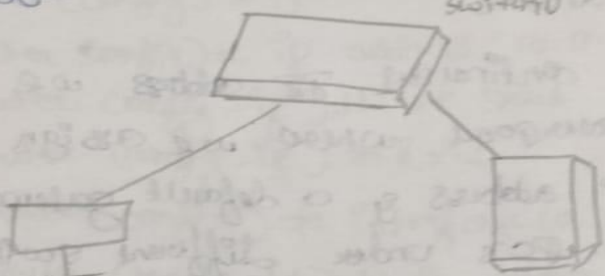
OBSERVATION:

20-7-23 Lab-5m

DNS:-

Aim:- configuring DNS server with LAN

Topology:-



Procedure:-

- create a topology as shown above
- configure the PC with IP address & gateway & subnet mask
- Add DNS as 10.0.0.2 to the PC & the IP address as 10.0.0.1 & gateway 10.0.0.2
- click on server & click on services → HTTP & HTTPS click on 'ON' then select the DNS click on 'ON' & add Name: test.com address: 10.0.0.2
- now go to config → FastEthernet - IP address 10.0.0.2 Subnet mask 255.0.0.0,

- now go to settings in the config gateway 10.0.0.2 & DNS server 10.0.0.2
- now go to pc click on desktop → web browser and type the 'test.com' in URL & click on go.
- you will see the html.index that has written the HTTP button.

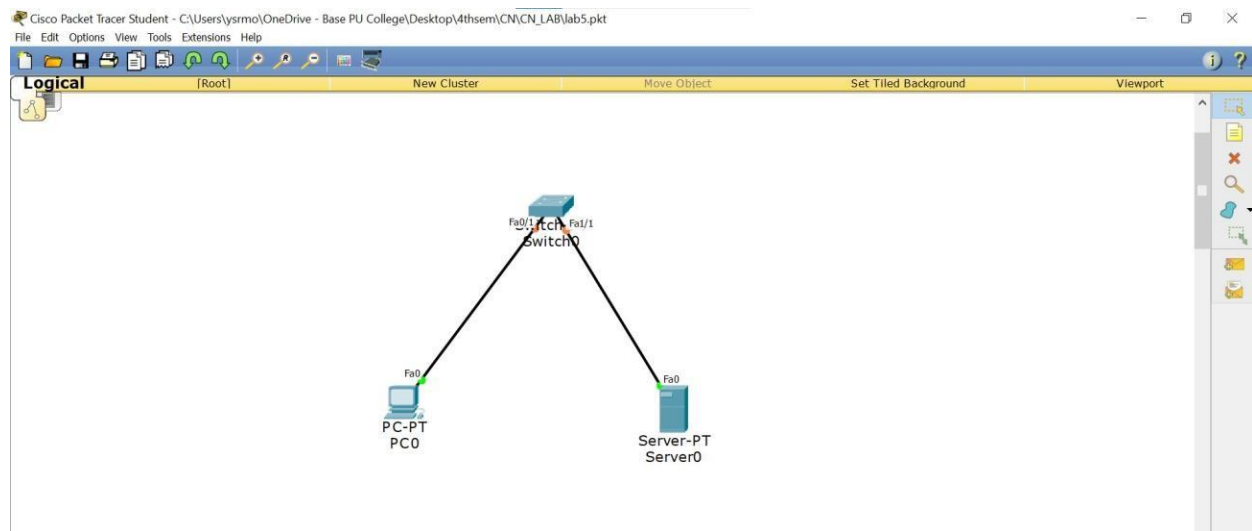
### Observation:

DNS is the Domain Name System. DNS is linked to the Internet & focused on a system using Internet Protocol (IP). DNS servers are required for the working of DNS. The IP address is calculated with the aid of a lookup table.

- PC communicates with the server using the IP address as well as using the Domain Name.

less

## TOPOLOGY:



## OUTPUT:

