WEEK 5

Configure Web Server, DNS within a

LAN. OBSERVATION:

20-1-23   Lab-5 (1)

DNS

Aim:- Configuring DNS server with LAN

Topology:-

PC-PT
PC₀

Server-PT
Server0

Procedure:

1) Create a topology as shown above.
2) Configure the PC with IP address & gateway and subnet mask.
3) Add DNS as 10.0.0.2 to the PC₀ & the IP address as 10.0.0.1 and gateway 10.0.0.2.
4) Click on Server & click on Services → HTTP & HTTPS click on 'ON' then select the DNS click on 'on' and add Name: test.com Address: 10.0.0.2
5) Now go to config → FastEthernet - IP address 10.0.0.2 Subnet mask 255.0.0.0
6) Now go to settings in the config gateway - 10.0.0.2 DNS server 10.0.0.2.
7) Now go to PC click on desktop → web browser & type the 'test.com' in URL & click on go.
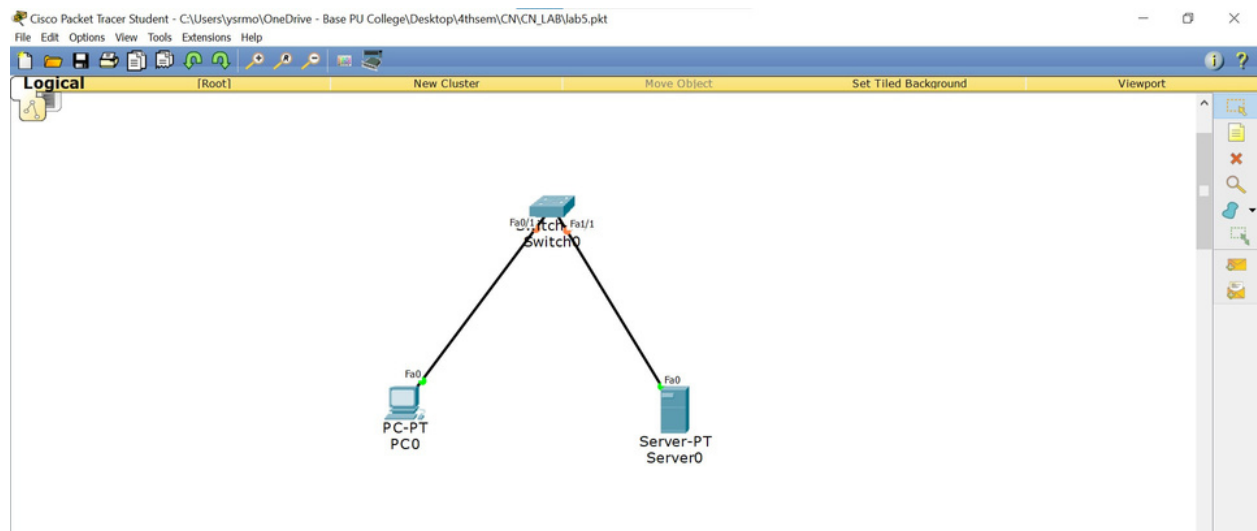8) You will see the html index that has written in the HTTPS button.

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 communicated with the server using the IP address as well as using the Domain

5/8/2023

TOPOLOGY:

OUTPUT: