LAB 5

Configure Web Server, DNS within a LAN.

OBSERVATION:

LAB-5 [i].

20/1/23

DNS

Aim-Configuring DNS server with LAN

Topology:-

Procedure:-

1. Create a topology as shown above.
2. Configure the PC with IP address and 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 and 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 → Fast Ethernet -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
and type the 'test.com' in URL and click on
go.

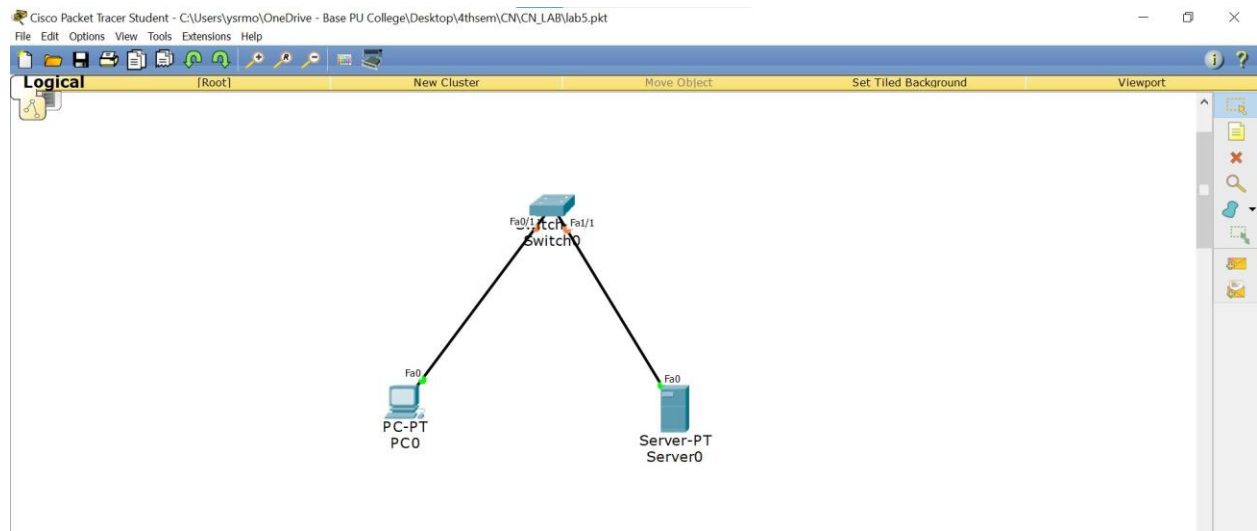8. You will see the html.index that has written in
the HTTPS button.

Observation-

DNS is the Domain Name System. DNS is linked
to the internet and 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 Name.

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TOPOLOGY:

File Edit Options View Tools Extensions Help

Logical   [Root]   New Cluster   Move Object   Set Tiled Background   Viewport

Fa0/1 Fa1/1
Switch0

Fa0
PC-PT
PC0

Fa0
Server-PT
Server0

OUTPUT: