

WEEK 5

Configure Web Server, DNS within a LAN.

OBSERVATION:

20/1/23 Lab-4

Aim: Configure web server, DNS within LAN

Topology

Diagram illustrating the network topology:

- Switch-PT (Switch-0) is connected to PC-PT (PC0) and Server-PT (Server-0).
- PC-PT (PC0) has IP address 10.0.0.1.
- Server-PT (Server-0) has IP address 10.0.0.2.

Procedure

- Connect a switch, PC & server to form a LAN
- Set PC's IP address to 10.0.0.1 & server IP to 10.0.0.2 & also subnet mask
- Go to PC's Desktop, open web browser & type URL 10.0.0.2
- Make necessary changes to webpage
- Go to server → services → HTTP → index.html, click edit make changes & save it
- Once again type server IP in URL tab
- Go to server → services → DNS & switch on DNS services. Now add a domain name & IP address (10.0.0.2) Press add & save it
- Go to PC's web browser, type URL & click Go

Output

Web Browser

< > URL http://www

G10

X
Stop

my CV

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languages: C, Java, Python

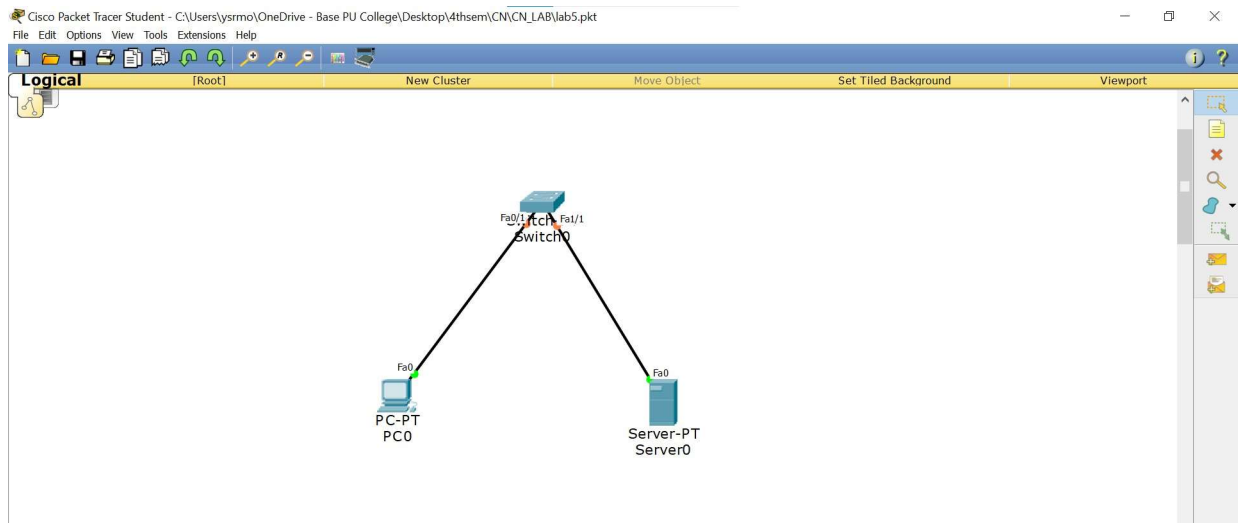
Image.

Observation

To search a web page you need to type IP address as URL but what we type is domain name of DNS. Since it is difficult to remember IP address, DNS server checks through for a matching IP address for respective domain name & renders web page.

NA
24/7/2023

TOPOLOGY:



OUTPUT:

