Aim: Configure Web Server, DNS within a LAN.

Observation:

2017/23

Lab — 4.

Aim: Configure web server, DNS within a LAN.

Topology:

PC-PT
PC0
10.0.0.1

Server-PT
Server0.
10.0.0.2.

Procedure:
1. Connect a switch, PC and a server to form a LAN
2. Set PC's IP address to 10.0.0.1 and server's IP address to 10.0.0.2. and also subnet mask
3. Go to PC's Desktop & open web browser, in url tab type 10.0.0.2, which is servers IP.
4. Make changes to the webpage.
5. Go to Server → services → HTTP → Index.html, click on edit make changes and save it.
6. Go to PC web browserer and type 10.0.0.2.
7. Go to server services → DNS & switch on DNS services. Now add a Domain name & its IP address which is 10.0.0.2. Press add & save it.
8. Go to PC web browser & type the domain name given & click go.

Output.

```
┌─────────────────────────────────────────────────────┐
│ Web Browser                                     [×]   │
│ [<] [>]  URL  [ http://revu        ]  [Go]  [Stop]    │
│                  My CV                                │
│                                                       │
│  D. Revanth                                           │
│  USN: 1BM21CS047                                      │
│                                                       │
│  Languages:  C/C++/Java.                              │
│                                                       │
│  Image                                                │
└─────────────────────────────────────────────────────┘
```
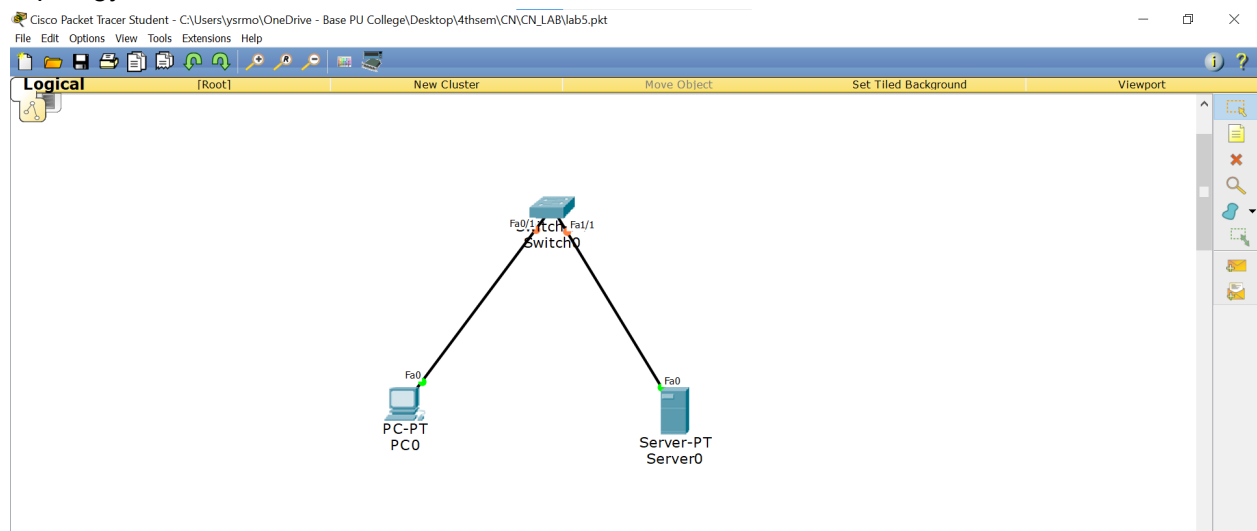
Observation:

To reach a webpage you need to type its IP address but what we actually type is its DNS which is called domain name. Since we cannot remember IP address all the time DNS server will search through for a matching IP address for respective domain name. & retrieves the webpage.

24/2/2023

Topology:

Output:

Web Browser

URL http://revu

My CV

D Revanth

USN: 1BM21CS047

Languages: C/C++/Java

Image