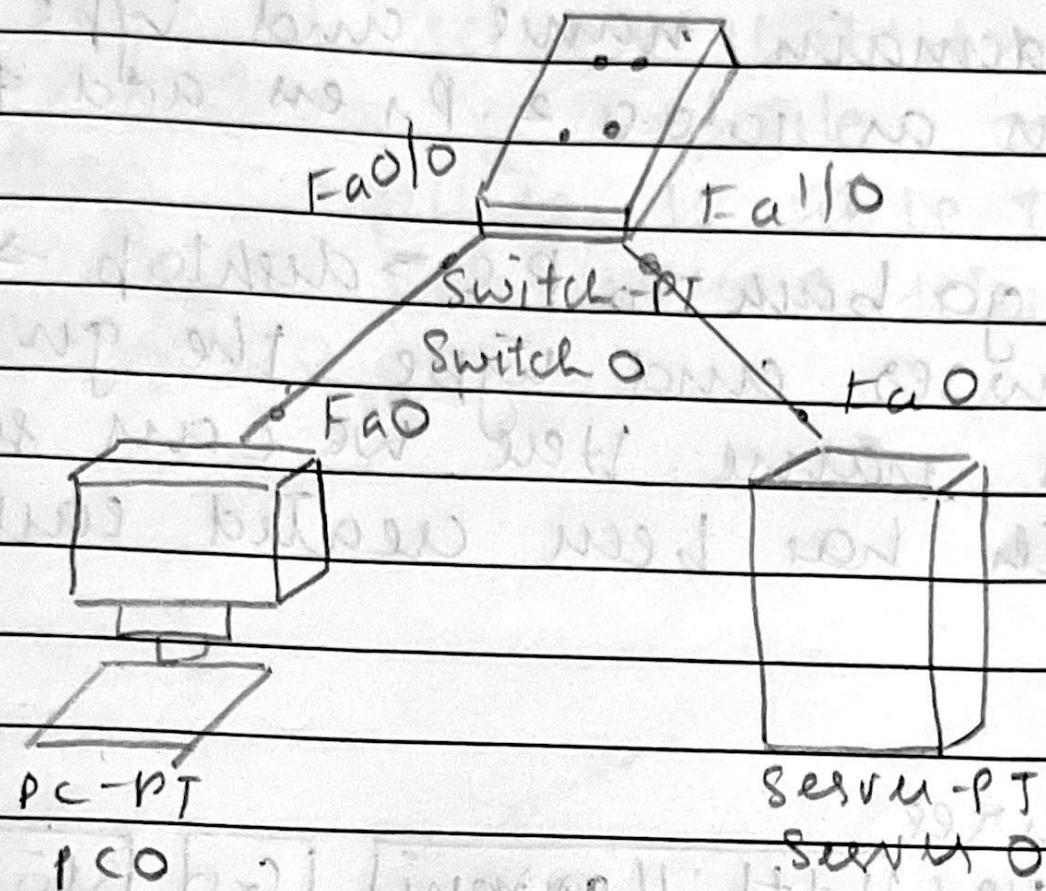


## CONFIGURE WEB SERVER, DNS WITHIN A LAN

5 Aim

Configure web server, DNS within a LAN

Topology



Procedure

- Connect a switch, PC and a server to form a LAN.
- Set PC's IP address by clicking on it and go to config, then in fastEthernet option set IP address as 10.0.0.1 and subnet mask 255.255.255.0.
- Set server's IP address as 10.0.0.2 and subnet mask respectively.
- Go to PC's desktop and click on web browser. In the URL tab type 10.0.0.2 you will get a default display.
- To make a CV here, we need to make changes in server services.
- Go to server → services → HTTP → index.html. Here create the CV and click on save.



- Again go to PC → desktop → web browser and type 10.0.0.2 you will see the content that is changed.
- Next, go to server → services → DNS and switch on the services. Now add a domain name and type the IP address as 10.0.0.2. Press add & save it.

- Again go back to PC → desktop → web browser and type the given domain name. Here we can see the CV which has been created earlier.

Output.

web browser

CV

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Languages: C/C++/Java

Image:

Observation:

- If you wanted to go to a certain website you would open web browser and type domain name of website, or else you can also type the IP address instead if you know that website's IP address.

- Since we all were DNS server for the IP address then with web browser



→ Since we can't remember IP address of all website. you would open web browser. DNS server will search through its cache to find a matching IP address for that domain name & when it finds it will resolve that domain name to IP address of website, once that is done then computer is able to communicate with a web server & retrieve the webpage.

✓  
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