

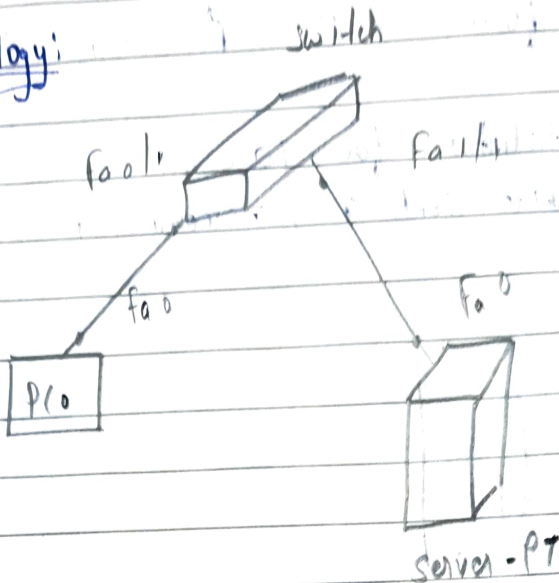
15/12/21

Lab C

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- a. Aim: Demonstration of WEB server & proxy using Packet ~~Tracer~~ Tracer

a. Topology:



a. Procedure:

- Set the IP address of the PC and the server respectively as 10.0.0.2 and 10.0.0.1
- Open web-browser in desktop tab of PC and type IP of server "http://10.0.0.1"
- Default home page will be displayed
- Now go to the **Services** tab of server enable HTTP and change contents of index.html by clicking edit option.
- Check again in browser of PC to see the updated changes.

Activate DNS :-

- enable DNS on DNS service to activate it.
- enter the domain name and IP address need to be mapped.

["cn" → 10.0.0.2]

- click add to add the new mapping
- now give name in the web browser to check if it's displaying index.html.

Custom pag:

- create a new page resource.html and save it in http services.
- change hyperlink in index.html to link the above created file.
- check the output in the web browser of PC by clicking on hyper link.

Observation

- We can view the webpage when we type "cn" in browser because 10.0.0.2 address is mapped to the name "cn" by domain name system concept.
- Mapping is required because it's difficult for users to remember IP, hence IP is mapped with a name.

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