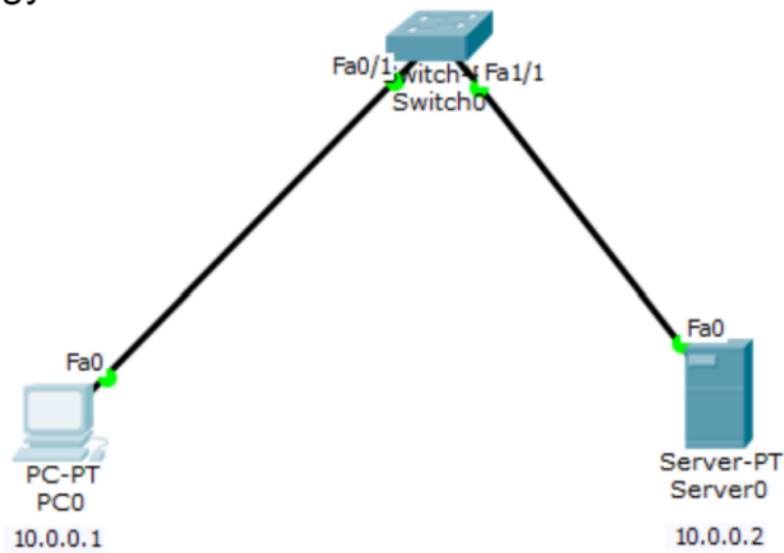


Experiment - 6

Aim: Configure Web Server, DNS within a LAN.

Topology :



Server0

Physical

Config

Services

Desktop

Custom Interface

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

HTTP

☒ On

☐ Off

HTTPS

☒ On

☐ Off

File Manager

| | File Name | Edit | Delete |
|---|-------------------|--------|----------|
| 1 | copyrights.html | (edit) | (delete) |
| 2 | cscoptlogo177x... | | (delete) |
| 3 | helloworld.html | (edit) | (delete) |
| 4 | image.html | (edit) | (delete) |
| 5 | index.html | (edit) | (delete) |
| 6 | profile.jpg | | (delete) |

New File

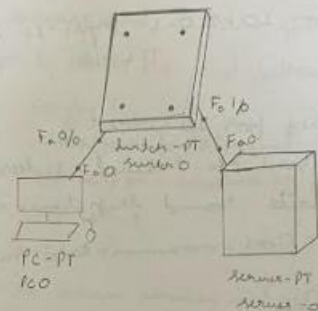
Import

20/7/23

Lab-5

Aim:- Configure web server, DNS within 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 tab. There in fast ether option set IP address as 10.0.0.1 and subnet mask.
- 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.

→ Next, goto 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 and save it.

→ Again Go back to PC → Desktop → web browser and type the given domain name. Here we can see the CV which had been created earlier.

Output

web browser

< > URL http://brjesh go stop

CV

Brjesh Gourda N

USN: 1BM21CS041

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 that website or else you can also type domain name of that ~~website~~ IP address instead if you know that website's IP address.

→ Since we can't remember IP addresses of all websites DNS server will search through its cache to find a matching IP address for that domain name and when it finds it will resolve that domain name to IP address of website, and that is how our computer is able to communicate with a webserver and retrieve the webpage.