

WEEK 5

Configure Web Server, DNS within a LAN.

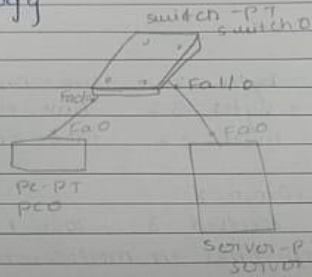
OBSERVATION:

DATE 20/7/23

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 tab, there in fast Ethernet 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

- DATE: PAGE:
- Go to server → server → 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 CV or content that is changed
 - Next go to server → server → DNS and switch on the server. Now add a domain name and type the IP address as 10.0.0.2. Press add to 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

< > URL http://Amulya Go Stop

CV

Amulya SA

USN: 1BM21CS020

language: C / C# / Java

image

Observation

- If you wanted to go to certain website you would open web browser and type domain name of that website or else you can also type the IP address instead if you know that IP address
- Since we can't remember IP address of all websites, 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
done then computer is able to communicate
with a web server & retrieve the webpage

TOPOLOGY:

