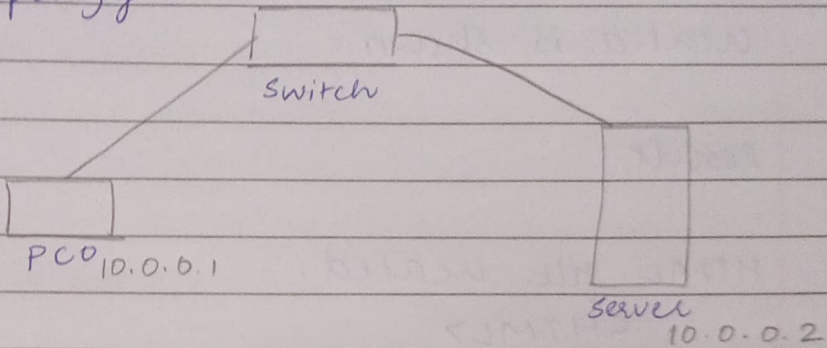


Experiment 6

Aim: Demonstration of WEB server and DNS using packet tracer

Topology:



Procedure:

- i) Place a PC, switch, server on the workspace and connect them
- ii) Set IP address and subnet mask of the PC as 10.0.0.1 and 255.0.0.0
- iii) Set the IP address and subnet mask of the server 10.0.0.2 and 255.0.0.0
- iv) Open PC → desktop → web browser → give IP address of server (10.0.0.2)
- v) Open server → services → HTTP → the HTTP window opens. Click on the edit option of index.html and change the contents → save.
- vi) Now the web browser page of PC is also modified.

Domain Naming system

- i) To activate DNS, open server → services → DNS → on → enter name of resource record and IP address of the server

and click on add.

- ii) Now name and IP address is fixed
- iii) Now create your own HTML file
- iv) Now open PCO → web browser → specify the URL → GO
- v) The content of the HTML file created is shown

Result :

HTML file created :

```
<HTML>
<Head> Hello </Head>
<body>
  Name: Ishita <br>
  Branch: CSE
</body>
</html>
```

Output :

Hello

Name: Ishita

Branch: CSE

learning :

DNS helps us map name with an IP address we are comfortable with naming conventions such as bmsce.ac.in whereas computer is comfortable with IP address. Hence DNS helps us in the mapping of name and the IP

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