Lab 6

Web Server

Aim: Demonstration of WEB server and DNS using Packet tracer.

Topology:


```
┌─────────┐                  ┌──────────┐                  ┌──────────┐
│ PC-PT   │ Fa0    Fa0/1     │ Switch PT│ Fa 1/1     Fa0   │ Server-PT│
│ PC 0    │──────────────────│ Switch 0 │──────────────────│ Server 0 │
└─────────┘                  └──────────┘                  └──────────┘
  10.0.0.1                                                   10.0.0.2
```
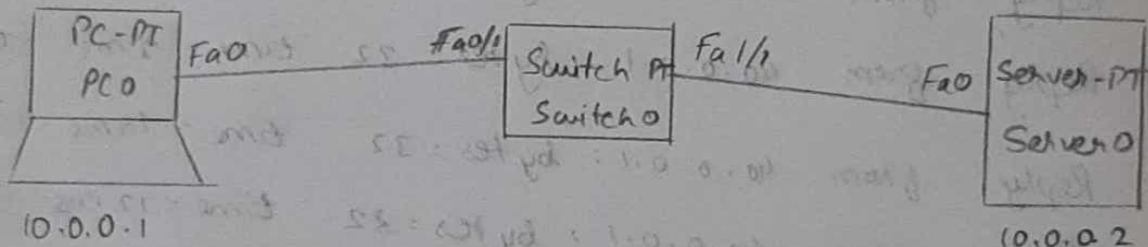
Procedure:

• Add the PC, switch and server in the workspace and connect the components as shown. Using copper straight through.

• Configure the IP address of PC as 10.0.0.1 and server as 10.0.0.2

• Now go to the server and in the services tab go to DNS and turn it on.

• Go to HTTP and turn on both http and https. Edit the html files -

• In desktop option go to webservices and enter the IP address of the server.

- Now go to DNS in services tab add a domain name and the ip address of the server in address. Click on add and then save.
- In the desktop option of PC go to webservices and search the domain name entered.
- Now create a cv page and link it to the current website.

Observation:

Learning Outcome: Using DNS it is easy to call websites with their names insted of IP address. DNS helps in naming conversion as computers are comfortable with IP address. It maps the name and its corresponding IP address.
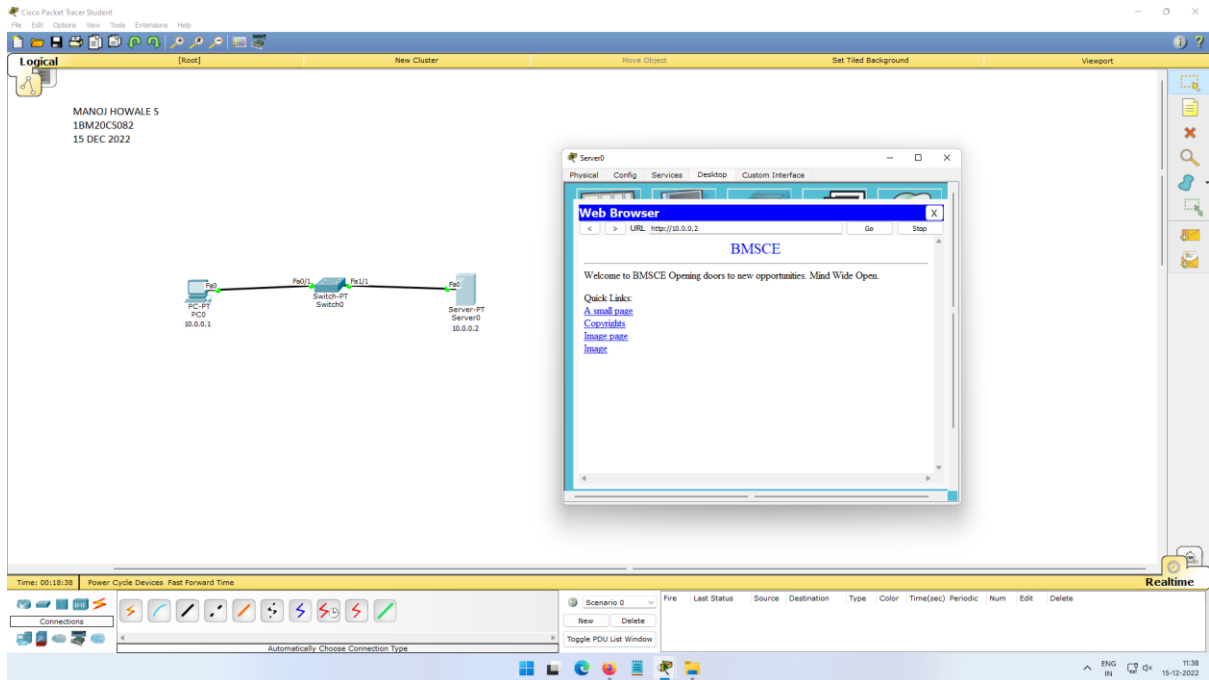
Result

```
Web Browser
[<]  [>]  URL  [ http://bmsce ]  [Go]  [Stop]  [X]


            BMSCE
_____

Welcome  to  BMSCE
```

28-12-2011

WEBSITE INTERFACE

RESUME INTERFACE