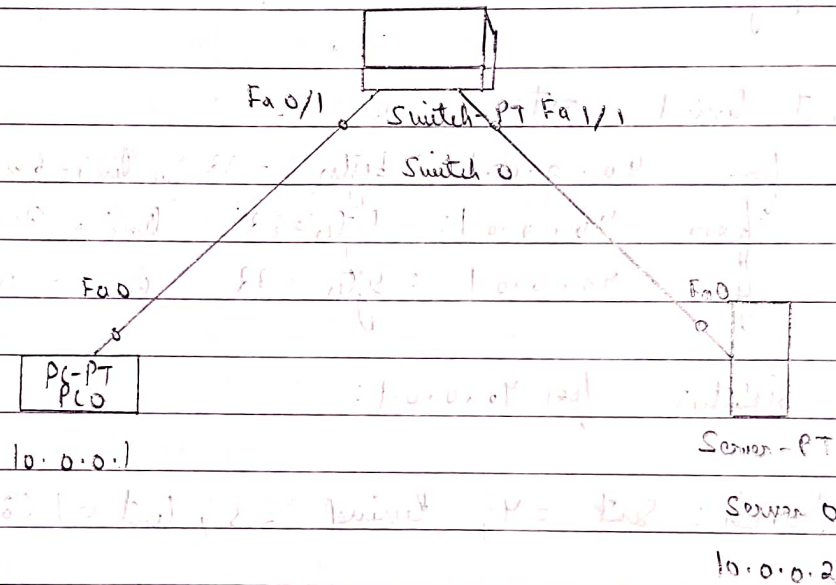


Lab: Week 6 Domain Name Service

↳ Aim: Demonstration of web server and DNS using packet tracer.

↳ Topology:



↳ Procedure:

- i) Place a generic PC, switch, and server in the workspace.
- ii) Place the note of ip address under PC as 10.0.0.1 and under server as 10.0.0.2.
- iii) Connect the PC to switch and switch to server with copper straight through.
- iv) Set ip address of PC as 10.0.0.1 and server as 10.0.0.2.

→ Click on PC
Go to desktop tab

Open the web browser and enter the ip address 10.0.0.1.

→ Now, click on server.

→ Go to services

→ Under HTTP go to index.html. Click on edit and make some changes. Click on save and then 'yes overwrite'.

→ Now go to PC and under web browser :-

i) In the url give the ip address as 10.0.0.2. Click on Go. It will display the changes made in the index.html.

→ Now, go to the server again:

i) Under services, go to DNS.

Configure name as : cse.bmsce

Address : 10.0.0.2

Click on Add. Click Save.

→ Now, go to PC and under web browser :-

i) In the url enter : cse.bmsce

It will display the index.html page.

→ Click on server

HTTP

Click on new file [bottom right corner].

Enter file name as cv.html.

<html>

<head> <h1> CSE STUDENT DETAILS </h1> </head>

<table>

<tr>

<th> Name </th>

<th> Branch </th>

<th> Class </th>

<th> USNK</th>

<th> DOB</th>

<th>

<th>

<td> Imadh Ajoz</td>

<td> cse</td>

<td> 5-B</td>

<td> IBM205059</td>

<td> 11-08-2001</td>

<th>

<table>

→ Now, go to PC and inside the web browser:

- i) In the url, enter : csebmse
It will show a new link in the index.html page as cv.html. Click on cv.html and it will display the student details page.

↳ Observation :
learning outcomes.

- i) We can view the web page when we type "csebmse" in browser because 10.0.0.2 address is mapped to the name "csebmse".

- ii) Mapping is required because it's difficult to remember IP's, hence IP is mapped with a name.

↳ Result:

Web Browser

< > URL <http://csebmse/cv.html>

Name

Branch

Class

USN

DOB

Imadli Ajaz

CSE

5-B

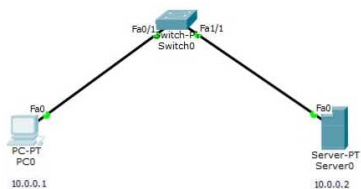
IBM20CS059

11-08-2001

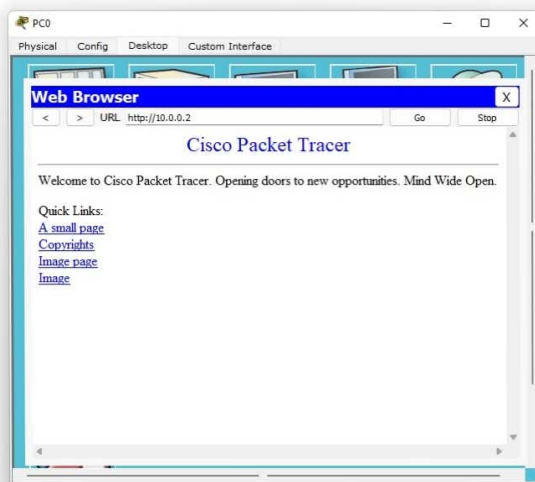
CYCLE 1

Completed

✓
15/12/22



USN: 1BM20CS059



Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical [Root] New Cluster Move Object Set Tiled Background Viewport

```
graph TD; Switch0[Switch0] --- PC0[PC0]; Switch0 --- Server0[Server0];
```

PC0: 10.0.0.1

Server-PT: 10.0.0.2

USN: 1BM20CS059

Web Browser

URL: <http://csebmcsce>

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Quick Links:

- [A small page](#)
- [Copyrights](#)
- [Image page](#)
- [Image](#)

Time: 00:06:56 Power Cycle Devices Fast Forward Time

Connections

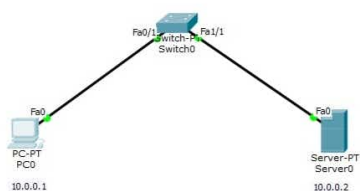
Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

ENG INTL 11:50 15-12-2022



USN: 1BM20CS059

