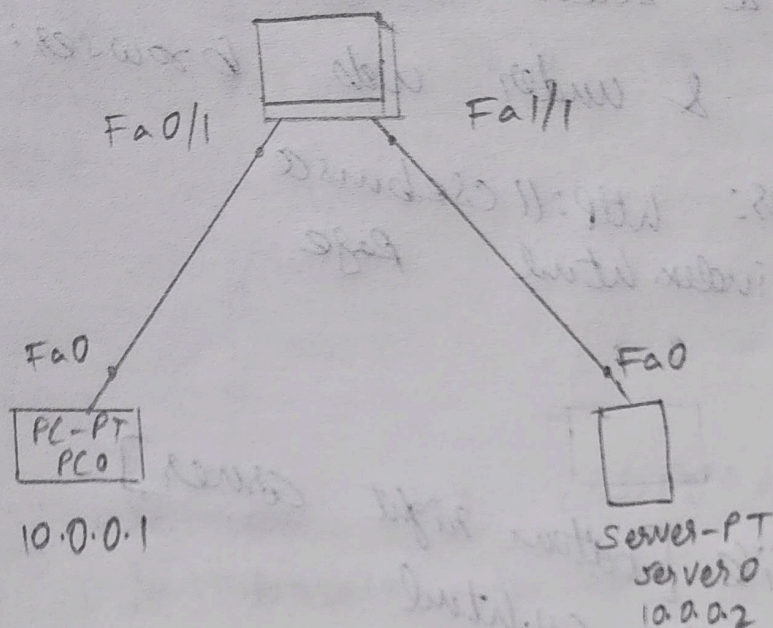


15/12/22 6) DNS

Aim: Demonstration of web server & DNS using packet tracer.

Topology:



Procedure:

- i) place generic PC, switch and server in workspace
- ii) place note of ip address under PC as 10.0.0.1 & server as 10.0.0.2
- iii) Connect PC to switch & switch to server
- iv) set ip address of PC as 10.0.0.1 & server as 10.0.0.2.

- click on PC
- Go to desktop tab
- open web browser & enter ip address as 10.0.0.2
→ Now, click on server
Go to server.

under http, go to index.html. click on (edit)
& make some changes. Do overwrite it.

- Now go to PC & under web browser: →
In the ~~addr~~ url, give ip address as 10.0.0.2.
click on go. It display the changes made in
index.html

- Now go to server again
under service, go to DNS
Configure name as: csebusc
address: 10.0.0.2
click on add & select & save.

- Now, go to PC & under web browser:
In url: enter: http://csebusc
It displays 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 </h> </head>

<table>

<tr>

<th>Name * </th>

<th>Branch * </th>

<th> class </th>

<th> USN </th>

<th> DOB </th>

</tr>

<tr>

<td> Jayam Mouneesh </td>

<td> CSE </td>

<td> 5-B </td>

<td> IBM20CS063 </td>

<td> 27-06-2001 </td>

</tr>

<table>

Now, go to PC & under web browser:

i) In url, enter: csebmce

It will show a navlink in the index.html page as cv.html & it will display the student details page

Observation: we can view webpage, when we type 'csebmce' in browser because 10.0.0.2 address is linked to name 'csebmce' according to DNS.

- Since it's difficult for users to remember IP addresses, linking is required i.e., IP is linked with domain name.

Result:

web browser

< > URL http://csebmce

BMSCF packet tracer

welcome to BMSCF packet tracer

Quick links

Quail
29-12-2022

http://cebmse/mysv.html

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