

LABORATORY PROGRAM - 8

Configure Web Server, DNS within a LAN.

8/12/21 Exp-8

Q Configure Web Server, DNS within a LAN

Aim: Connect PC to a server via switch to configure web server

Topology:

```
graph LR; PC[PC 10.0.0.1] --- Switch[Switch]; Switch --- Server[Server 10.0.0.2]
```

Procedure:

- 1) Set up the LAN as per the Topology mentioned above & configure the devices
- 2) Go to Server → Services → DNS
Name: bmscfe [Domain Name]
Address: 10.0.0.2
Add the mapping of domain name to address
- 3) Go to PC Config → Global → Settings →
DNS Server: 10.0.0.2
[The server that provides the DNS mapping]
- 4) Go to PC → Desktop → Web Browser
Type URL: http://bmscfe
- 5) On browser → off → web server → click HTTP. here add details of ~~URL~~ ^{index.html} to change web page.
~~Click & drag~~ ^{Click & drag}

9) O/P

Results

o/sco packet Tracer

Welcome to BMSCE

Switch link

A small page
Copy right
image page
image -

Observation.

- 1] The web pages hosted by the server were visible on the browser
- 2] The DNS was successful in mapping the domain name to the IP address
- 3] DNS server is a server that contains a domain name : IP address, mapping to which the end devices send requests to map the Name to IP address
- 4] Index.html can be edited to give personalized website details to be displayed.

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