

Program-9

Configure Web Server, DNS within a LAN

Topology, Procedure and Observation:

done

LAB No 11

DNS

AIM: Configure Web server, DNS within a LAN.

TOPOLOGY:

```
graph TD; Switch[switch] --- PC[PC 10.0.0.1]; 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: bmsce [Domain name]
Address: 10.0.0.2
Add the mapping of domain name to the address.
- 3] Go to PC → config → Global → Setting → DNS Server: 10.0.0.2
[The server that provides the DNS mapping]
- 4] Go to PC → Desktop → web browser →
Type the URL: <http://bmsce>

Observations:

[] The webpage 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 the IP addresses.

Screenshots:

