

Expt. 8 – 18/12/2024

18/12

Date / /201

Expt. 8 :

Aim : To ~~configure~~ 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 → Service → DNS :
Name: bmsce (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 the URL: http://bmsce

Observation:

1. 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 IP address.



