

EXPERIMENT-8

Question 8:

Configure Web Server, DNS within a LAN.

Observation:

LAB 08
EXPERIMENT 08

Aim: To configure web server, DNS within a LAN.

Topology

```
graph TD
    Switch[Switch] --- PC[PC 10.0.0.1]
    Switch --- Server[Server 10.0.0.3]
```

Procedure:

1. Connect the switch, PC and server as the above topology.
2. To configure server:
 - Go to server > services > DNS
 - Enable on
 - In the host fields add:
 - name: abc
 - address: 10.0.0.3
 - click add
 - Go to HTTP
 - click edit for index.html (change if needed)
 - click save
3. Go to PC > desktop > web browser
4. search "abc" in URL bar / search 10.0.0.3 in URL bar

Observations

Output for 'abc' & '10.0.0.3'

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DNS translates domain names to IP addresses. It simplifies accessing websites by using human-readable names.

In this experiment, a web server & DNS were configured within a LAN to map domain names to IP addresses. The PC successfully accessed the server by both its IP address and the configured domain name 'abc'. The configuration was successful allowing the web page to be accessed via both methods.

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Screenshot of the topology:



Screenshot of the output:

