Observation Book:

Q: Configure web server, DNS within a LAN

AIM. To configure DNS server to demonstrate mapping of IP address and domain name

Topology

Switch0

PC0
10.0.0.1

Server0
10.0.0.2

Procedure: Configuration

1) Set up the connection as shown above

2) set IPs of PC and server

3) Server 0
   Services → DNS
   Enable ON
   In test fields, add
            name: abc
            address: 10.0.0.3
   click add → Go to HTTP → click edit for index.
   HTML
   click save

Procedure:

1. Go to PC0 → Desktop → Web browser

2. Search 'abc' in url bar
3. Search 10.0.0.2 in url bar
   Output for both 'abc' and 10.0.0.3

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Quick link
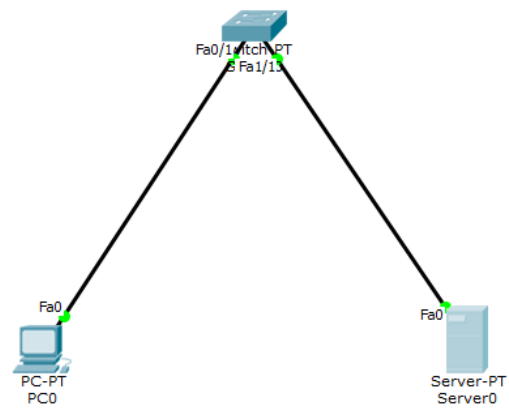A small page
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Observations

DNS translates domain names to IP address
It simplifies accessing websites by using
human readable names

In this experiment a web server DNS
were configured within a LAN to map domain
name to ip address. The PC0 successfully
accessed the server 0 by both its ip address
and the configured domain name 'abc'

The configuration was successful allowing web
page to be accessed via both methods.

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Topology:

Output:

Web Browser

URL http://10.0.0.2

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