

18/12/2024

Experiment 8- Configure Web Server, DNS within a LAN

Observation Book:

Experiment 8:
VLAN

Aim: configure web server, DNS within a LAN

Topology:

```
graph TD; Switch[switch-PT0] --- PC1[PC-PT 10.0.0.1]; Switch --- PC2[Server 10.0.0.2];
```

procedure:

1. setup the LAN as per topology and configure the devices
2. Go to Server → Services → DNS
Name: bmsc-cse
Address: 10.0.0.2
Add the mapping of domain name to address
3. Go to PC → configure → global → settings → DNS Server
10.0.0.2
4. Go to PC → Desktop → web browser
type the URL: <http://bmsc-cse>

observations:

1. The web page hosted the server number on the browser
2. The DNS was successfully in mapping the domain name to IP address
3. DNS server is a server that contains a domain name: IP address mapping to which the client send request map to name of IP address.

Wellcome to CN Lab

Guest Cont:

Asmall page:

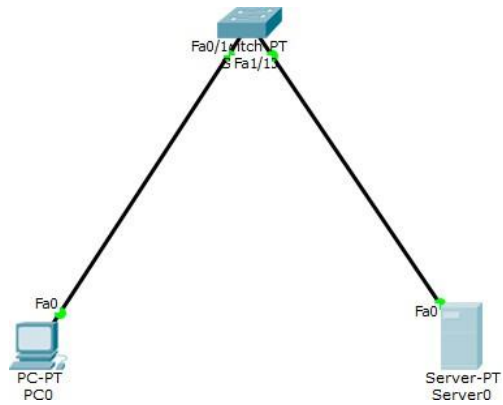
copyright:

image page:

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Topology:



Output:

