EXPERIMENT-6

Configure Web Server, DNS within a LAN.

Experiment-6

Aim:
Configure web server, DNS within a LAN.

Topology:

Switch

End device1
10.0.0.1

Server
10.0.0.2

Procedure:

① Connect an end device and a server to a switch.

② Assign IP addresses to both end device and server.

③ Configure DNS service on server. Move to the services tab and open DNS server from the menu.

④ Turn ON the DNS service.

⑤ Add and save domain names with their IP addresses.

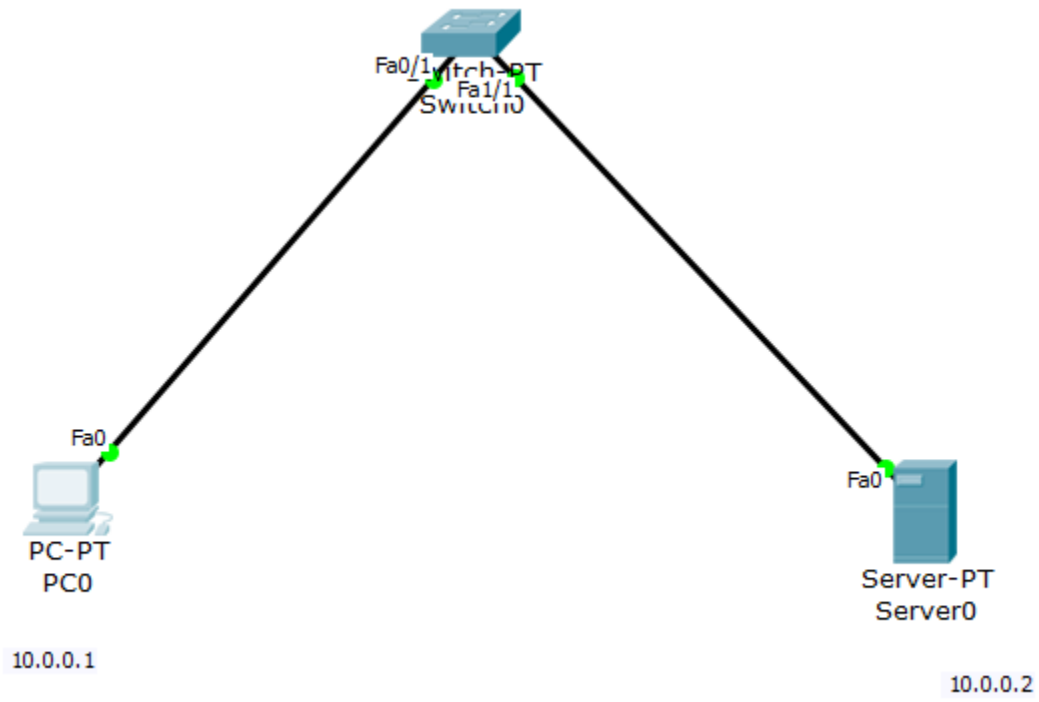⑥ Open web browser on end device, enter domain name and observe the output.

Result:

RESUME

NAME Aravind
CONTACT 1234567890   IMAGE
EMAIL aravid@gmail.com

Observation:

On entering domain name on web browser, we obtain stored web page. Domain Name Service (DNS) translates domain names to their respective IP addresses, enabling system communication even when user doesnt know the IP address.

Topology:

Fa0/1 Switch-PT
Fa1/1
Switch0

Fa0
PC-PT
PC0

10.0.0.1

Fa0
Server-PT
Server0

10.0.0.2

Result: