

# Experiment – 8

**Aim:** To configure a web server in packet tracer.

**Steps:** Steps to Configure Web Server and DNS Server in Packet Tracer

1. Add Devices

1 PC (Client), 2 Server (for Web Server & DNS Server), 1 Switch

2. Use Copper Straight-Through Cables to connect:

PC → Switch, Web Server → Switch, DNS Server → Switch

3. Configure the Web Server

Click on the Web Server → Go to the Config tab.

Click on FastEthernet0, and assign: IP Address: 192.168.1.2

Go to the Services tab → Select HTTP. Ensure HTTP service is ON.

4. Configure the DNS Server

Click on the DNS Server → Go to the Config tab.

Click on FastEthernet0, and assign: IP Address: 192.168.1.3

Go to the Services tab → Select DNS. Turn DNS Service ON.

Under Name / IP Address, enter:

Name: www.aatif.com

Address: 192.168.1.2 (Web Server's IP)

Click Add.

5. Configure the PC

Click on the PC → Go to the Desktop tab → IP Configuration.

Assign: IP Address: 192.168.1.10 DNS Server: 192.168.1.3 (DNS Server's IP)

6. Test the Configuration

Open the Command Prompt on the PC and type: ping 192.168.1.2 (Ping the Web Server)

ping 192.168.1.3 (Ping the DNS Server)

7. Test DNS Resolution

Open the Web Browser on the PC.

In the URL bar, type: http://www.aatif.com