

Experiment 5

- DHCP uses UDP as a transfer layer protocol
IP - 10.0.0.1
- We make the server as DHCP server, so that all the devices dynamically get IP address
- In the interface give default gateway as 10.0.0.1.

configure router

In fa0/0 IP address is 10.0.0.2
server is ready but we need to configure

Services 'ON' → DHCP → to assign default & DNS server, start & end range, no. of users & then save

PC → Desktop → CP config → DHCP

The IP addresses allocated are unique to each PC

Learning Outcomes:

- We learnt how to make a DHCP server
- Learnt how to dynamically assign IP address to end devices by configuring the server.