

Experiment 5: Configuring DHCP within a LAN in a packet tracer.

- DHCP uses UDP as transport layer protocol.
IP- 10.0.0.1
- We make servers as DHCP servers so that all end devices dynamically get IP address.
- In the Interface give default gateway as 10.0.0.1
- Configure Router.
- In fast Ethernet 0
↳ IP address is 10.0.0.2.
- Server is ready but need to config.
- Services → DHCP → ON → assign default & DNS server.
start & end range, no of users and then save.
- PC → Desktop → IP Config → DHCP.
Note Every IP address is unique in PCs.

Outcome:

- How to make DHCP server.
- learnt how to assign dynamically IP address to end devices.
- DHCP DORA process stands for following message flows b/w client & server.