

2 Nov 2020

CN-LAB5

18M18C8063  
Nish.N.B.

Q) Configuring DHCP within a LAN in a packet tracer.

DHCP uses UDP as transport-layer protocol  
IP - 10.0.0.1

url makes server as DHCP server so that all end-devices dynamically get IP address.

In the interface give default gateways as 10.0.0.1

Configure Router:

In Fast Ethernet 0

↳ IP address is 10.0.0.2

server is ready for configuration

Services → DHCP → ON → assign default

DNS server,

start & end range,

PC → Desktop → IP config → DHCP

Note:- every IP is unique in PCs.

\* Learning outcomes:-

1. Got the knowledge to make a DHCP server.
2. Learnt how to dynamically assign IP-address to end devices.

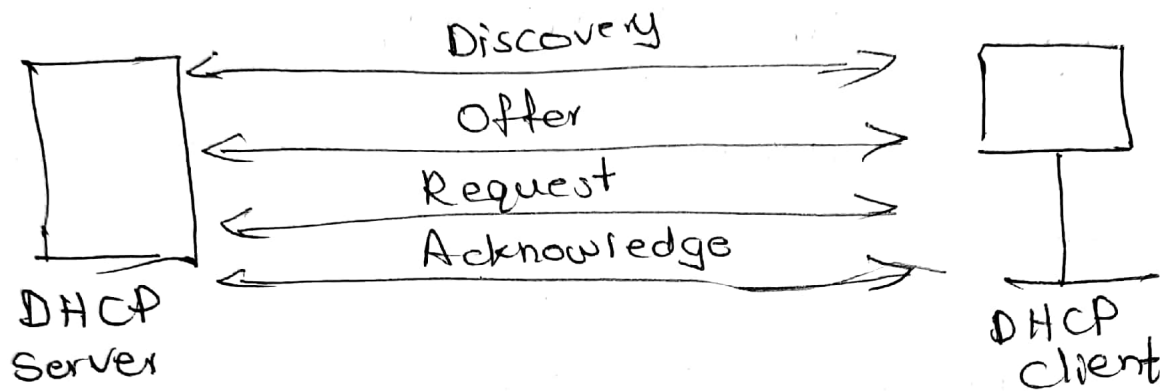
DHCP:- DORO process stands for the following message flows b/w the client & the server.

D - Discovery

O - Offer

R - Request

A - Acknowledge



→ message flow b/w DHCP Client & the server

Topology.

