

Expt-5 : Configure the DHCP within a LAN.

DHCP \Rightarrow Port no is 67

(Client user port no is 68)

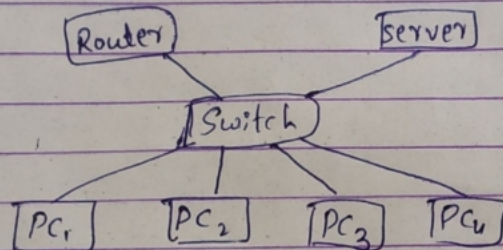
DORA \rightarrow Acknowledge

↓
Discover

Request
offer

\Rightarrow Port no : unique no given to all Protocols irrespective of layers

DHCP uses UDP as transport layer protocol.



Topology

\rightarrow 1st configure the 1 interface of router

\rightarrow After that configure the server As

Default gateway \rightarrow 10.0.0.2

Fast Ethernet 0 \rightarrow ip Add \rightarrow 10.0.0.2

\rightarrow Services \rightarrow DHCP \rightarrow Services ON

Default gateway : 10.0.0.1

DNS Server : 10.0.0.2

\rightarrow TFTP server : 10.0.0.2

\rightarrow After the ip configuration of all 4 pc's

