DHCP

dhcp

- **dynamic host configuration protocol**

- **it works in application layer**

- **it is used to get an IP address and other configuration parameters automatically to a system.**

- **dhcp is a client –server model**

- **dhcp server wait at port number 67**

- **dhcp client wait at port number 68**

- **dhcp uses the service of UDP**

dhcp(contd…)

DHCP client will be daemon process and automatically starts execution whenever you switch on the system at run level 6.

run level 6 is boot step.

dhcp client will request to dhcp server.

All these steps are done by using 4 steps is called as

"DORA"

dhcp

D – discover

O – offer

R – Request

A – Acknowledgement