

INTERNETWORK USING DHCP  
SERVER

AIM:

Design and configure an internetwork using DHCP server.

Student Observation:

- 1) Write down the key feature of configuring router and DHCP server.

Router Configuration:

→ Enabling DHCP server to automatically assign IP address to services.

→ Providing connection to the devices.

DHCP server Configuration:

→ Automatic IP address assignment for devices joining the network.

→ Setting up pool ranges for dynamic IP address.

→ Configuring default gateway.

- 2) What is the significance of DHCP server in internet working.

- ⇒ A Dynamic Host configuration protocol server simplifies IP address.
- ⇒ Automated IP address allocation.
- ⇒ No duplicate IP address.
- ⇒ Supports large scale networks.
- ⇒ Provides a centralized.