

DHCP - Dynamic Host Configuration Protocol A protocol which dynamically assigns the IP addresses , default gateway , DNS and subnet mask to all the devices connected with the network. DHCP

- 1.Discovery
- 2.Offer
- 3.Request
- 4.Acknowledge

Tasks Involved

- Dynamically providing all the given parameters to the devices connected withing the network through DHCP server
- Port-67(Server) Port-68(DHCP Client)

```
‣ Frame 1144: 328 bytes on wire (2624 bits), 328 bytes captured (2624 bits) on interface \Device\NPF_{8D44E5C3-21A6-415F-A343-6B9E6FBC225F}, id 0
‣ Ethernet II, Src: TaicangT&WE1_60:c9:2a (78:4f:24:60:c9:2a), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
‣ Internet Protocol Version 4, Src: 192.168.1.254, Dst: 255.255.255.255
‣ User Datagram Protocol, Src Port: 67, Dst Port: 68
‣ Dynamic Host Configuration Protocol (ACK)
```