

DHCP

November 17, 2013

1 How does DHCP works ?

There are 4 steps in the DHCP process:

- **DISCOVER:** The client that does not yet have an IP address, broadcasts a series of DHCP discover packets in order to locate the DHCP servers.
- **OFFER:** Each DHCP server will respond with an IP address for the client to use.
- **REQUEST:** The client requests the use of one of the addresses provided.
- **ACK/NACK:** The server acknowledges (ACK) or denies (NACK) the use of the address requested by the user.