

Linux Machine - Server -> DHCP

Network Adapters

1. Host Only -> Putty
2. NAT -> Internet (Packages Installation)
3. Internal -> DHCP Server (Service) ----- enp0s9

DHCP (Network Plan)

Network Plan -> Range -> Server Static IP!!

192.168.100.0/24

192.168.100.10 -> Static IP of Server (DHCP Server)

Range -> 192.168.100.101 to 192.168.100.150

```
=====
DHCP -> Installation -> Configuration -> Service Status -> Client Verify
=====
```

1. Installation

Package Name :- isc-dhcp-server

```
sudo apt install isc-dhcp-server
```

2. Configuration

a. /etc/default/isc-dhcp-server

Mention - Network ADAPTER (Where you want to run the

DHCP service?)

b. /etc/dhcp/dhcpd.conf

```
subnet 192.168.100.0 netmask 255.255.255.0 {
    range 192.168.100.101 192.168.100.150;
}
```

Service -> Restart

```
systemctl restart isc-dhcp-server
```

3. Status

```
systemctl status isc-dhcp-server
```

4. Client

Verify

(client - Internal Network -> IP -> DHCP)

On the server

```
cat /var/lib/dhcp/dhcpd.leases [ To view the leased IP details ]
```