

Install DHCP Server on CentOS 5

Scenario

You have a network with a Server name **DOMAIN** (192.168.1.1) . You are trying to Install DHCP Server on it.

Complete Server name : domain@name.com

Lets start with dhcpd package installation.

DHCP Basic Configuration.

Let suppose you want to install dhcp server for you LAN users. Your Server Interface connecting with LAN has IP Address 192.168.1.1.

Write the following command in terminal.

```
# yum install dhcpd
```

Server side configuration:

Normally you have a sample dhcpd file lying in /usr/share/doc/dhcp-3.0pl1 directory of your machine as dhcpd.conf.sample. Copy this file in your /etc directory and rename it as dhcpd.conf .

Use the following command

```
# cp /usr/share/doc/dhcp-3.0.1/dhcpd.conf.sample /etc/dhcpd.conf
```

Source: /usr/share/doc/dhcp-3.0.1/dhcpd.conf.sample

Destination: /etc/dhcpd.conf

Once done, edit it as following:

DHCP configuration file is located at /etc/dhcpd.conf. Open file using text editor:

```
# vi /etc/dhcpd.conf
```

Edit the file as per your requirement.

I am starting with my scenario

Server IP = 192.168.1.1
Network Address : 192.168.1.0
Net Mask : 255.255.255.0
Server Name: domain@name.com

```
# vi /etc/dhcpd.conf
```

```
ddns-update-style interim;  
ignore client-updates;  
subnet 192.168.1.0 netmask 255.255.255.0 {  
    option routers                192.168.1.1;  
    option subnet-mask            255.255.255.0;  
    option nis-domain             "domain@name.com";  
    option domain-name            "domain@name.com";  
    option domain-name-servers    192.168.1.1;  
    option time-offset            -18000;    # Eastern Standard  
Time    option netbios-name-servers 192.168.1.1;    # SAMBA  
WINS service  
    range dynamic-bootp 192.168.1.1 192.168.1.200;  
    default-lease-time 21600;  
    max-lease-time 43200;  
}
```

That is it. Quite easy haan ?

Start dhcpd service by :

```
# service dhcpd start
```

Once done , restart the network service of the client. Your client should pick up IP from DHCP server.

```
# service network restart
```