Assignments:08

Module:- COSA(DHCP) Name:- Prithviraj Nikam

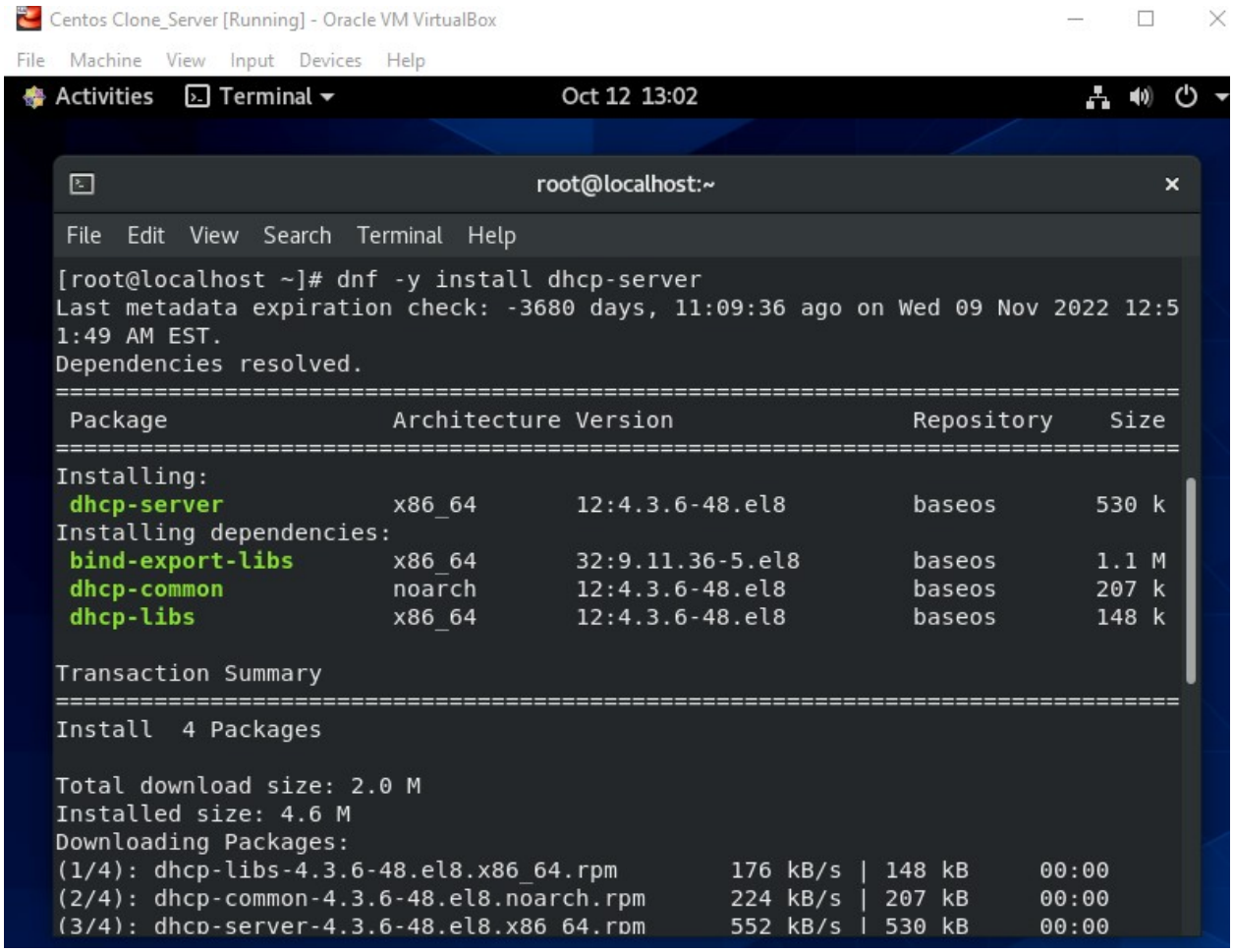
Lab Assignment :-

Configure DHCP server through your Centos-8 (VM machine)

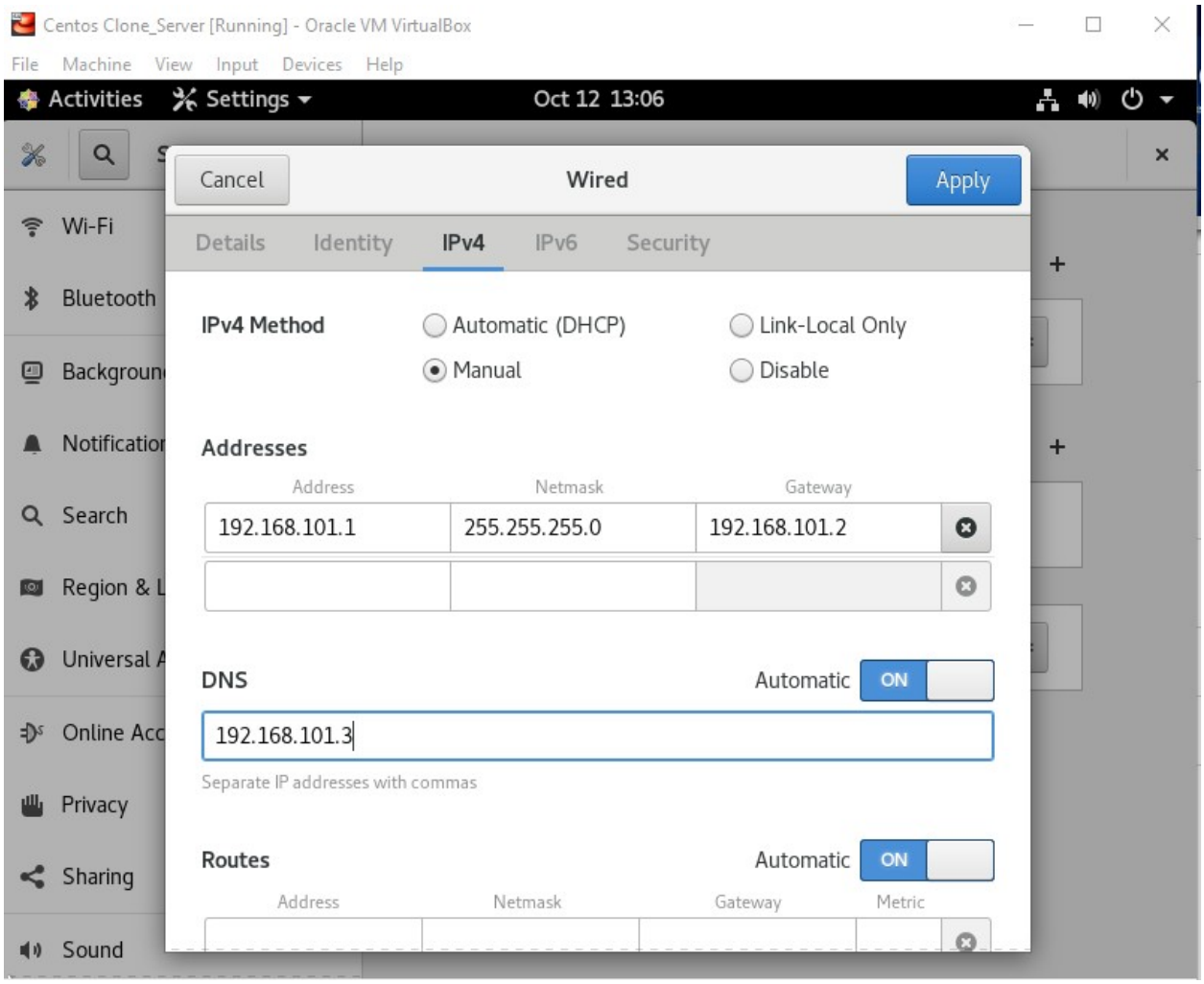
SERVER:-

Step-1:- Install DHCP server

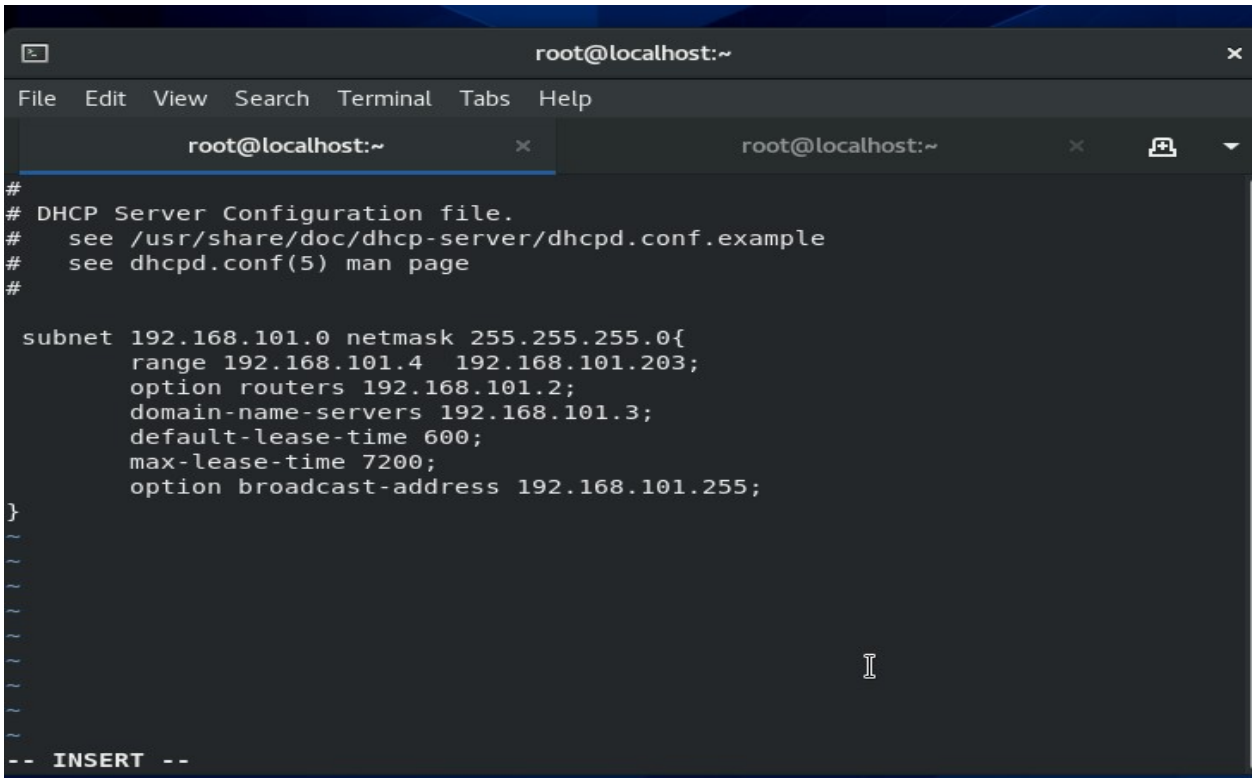
Cmd:- # dnf -y install dhcp-server

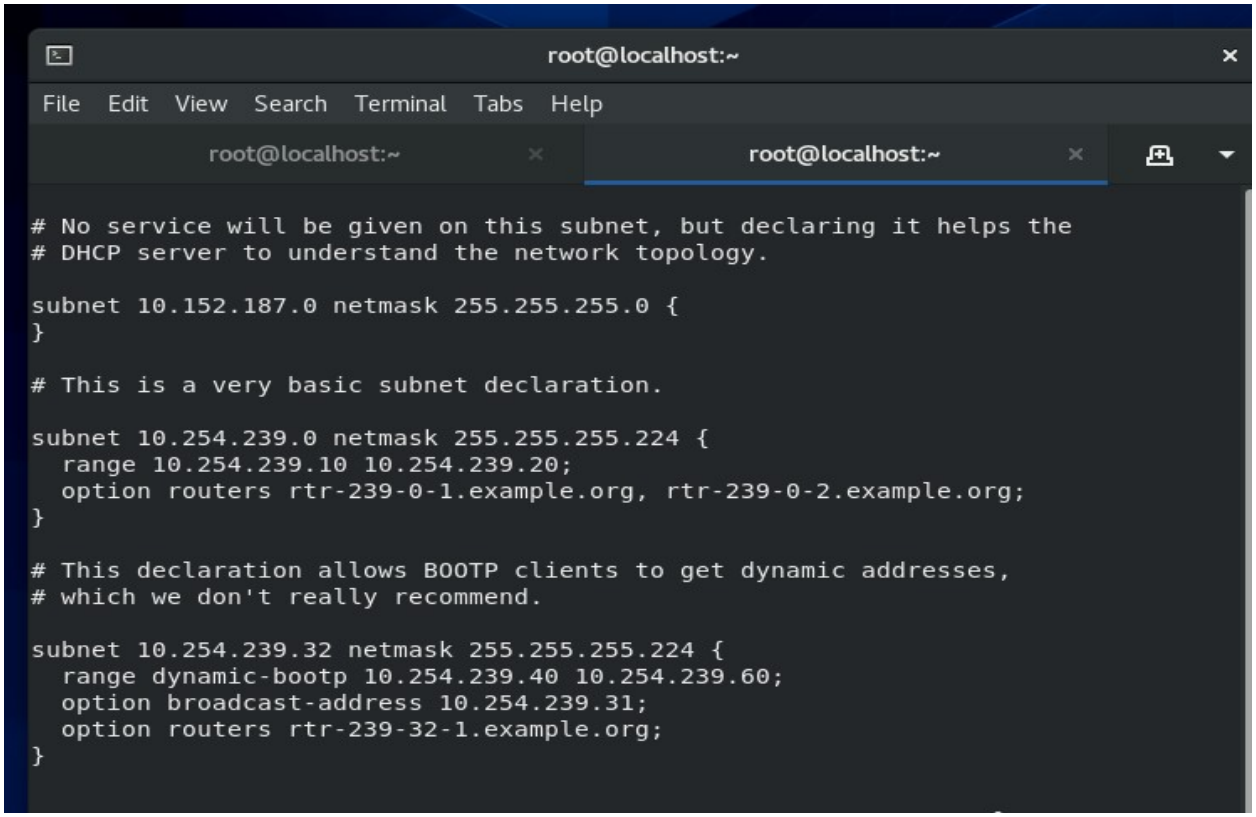


Step-2:- configure Static ip address on DHCP server

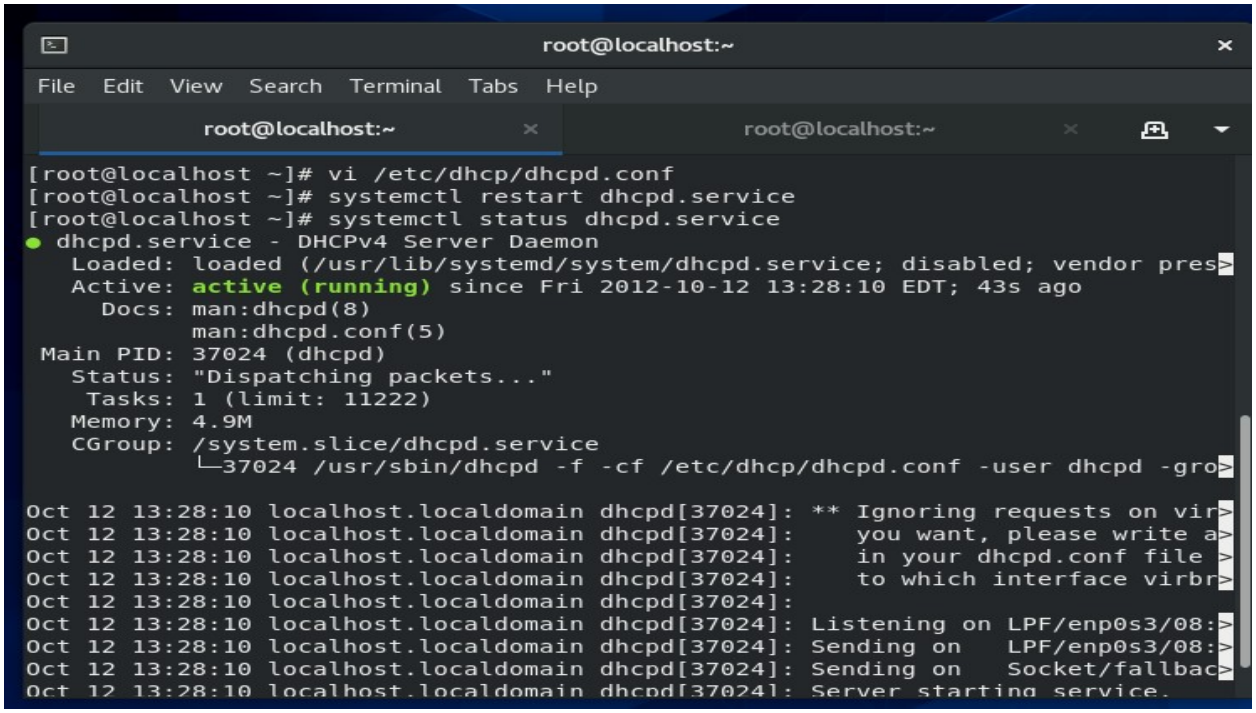


Step -3:-Configure DHCP Server

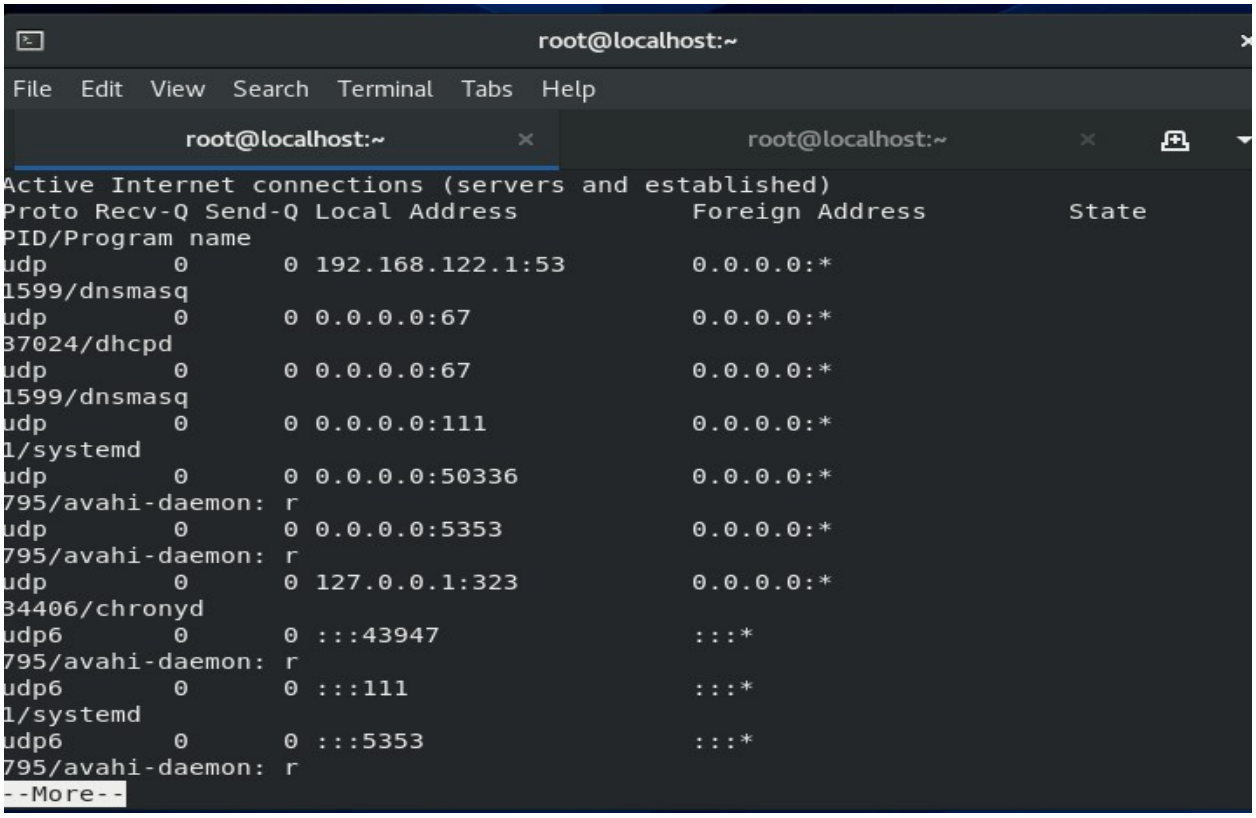

root@localhost:~
File Edit View Search Terminal Tabs Help
root@localhost:~
root@localhost:~
#
DHCP Server Configuration file.
see /usr/share/doc/dhcp-server/dhcpd.conf.example
see dhcpd.conf(5) man page
#
subnet 192.168.101.0 netmask 255.255.255.0{
range 192.168.101.4 192.168.101.203;
option routers 192.168.101.2;
domain-name-servers 192.168.101.3;
default-lease-time 600;
max-lease-time 7200;
option broadcast-address 192.168.101.255;
}
-- INSERT --

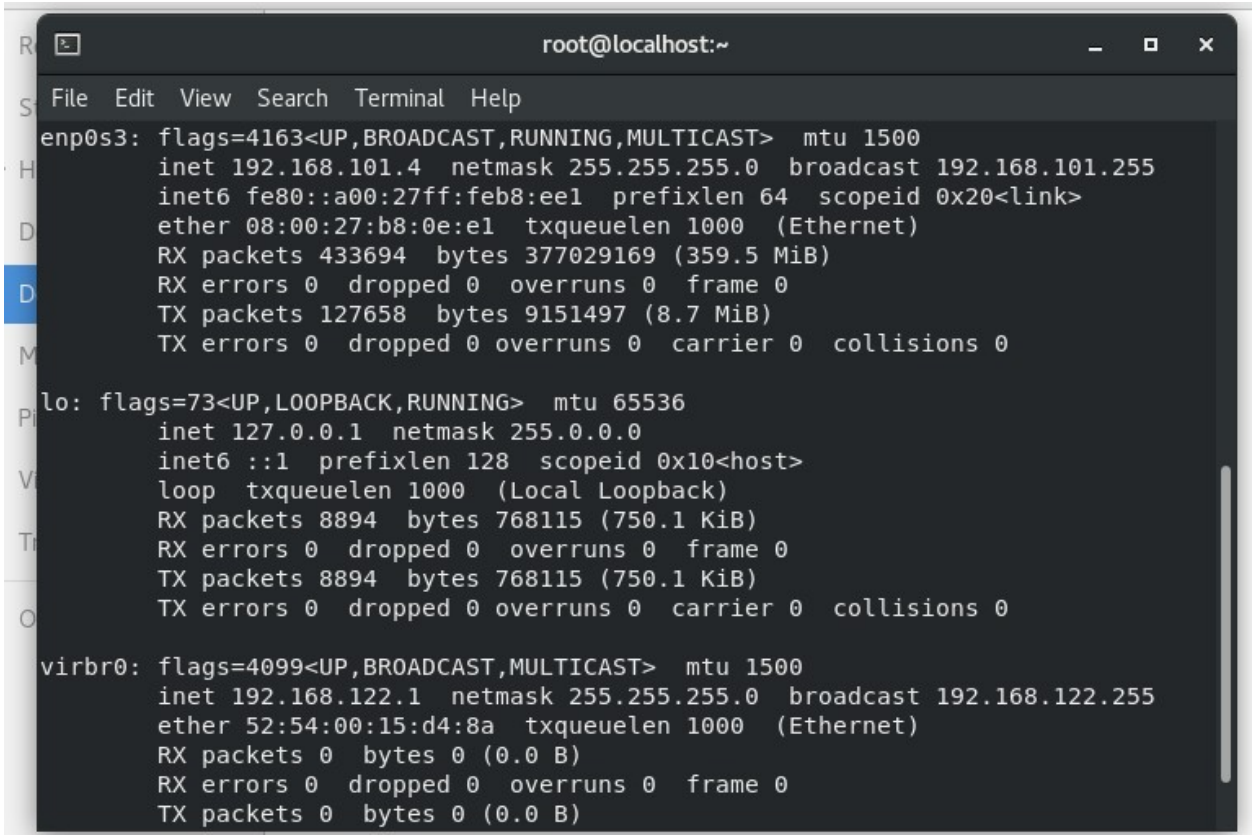

root@localhost:~
File Edit View Search Terminal Tabs Help
root@localhost:~
root@localhost:~
# No service will be given on this subnet, but declaring it helps the
# DHCP server to understand the network topology.
subnet 10.152.187.0 netmask 255.255.255.0 {
}
# This is a very basic subnet declaration.
subnet 10.254.239.0 netmask 255.255.255.224 {
range 10.254.239.10 10.254.239.20;
option routers rtr-239-0-1.example.org, rtr-239-0-2.example.org;
}
# This declaration allows BOOTP clients to get dynamic addresses,
# which we don't really recommend.
subnet 10.254.239.32 netmask 255.255.255.224 {
range dynamic-bootp 10.254.239.40 10.254.239.60;
option broadcast-address 10.254.239.31;
option routers rtr-239-32-1.example.org;
}

Step-4:- restart DHCP service



Step-5:- check DHCP service status



Client:-

Step-1:- to check DHCP connection