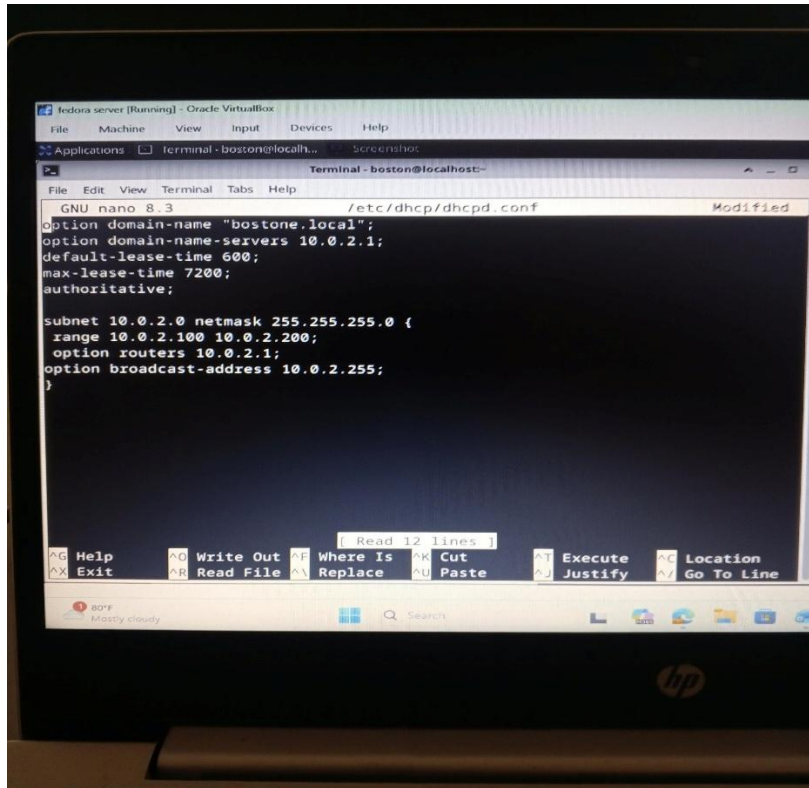


fedora server version 42

1. Dynamic Host Configuration Protocol (DHCP)

```
sudo dnf install dhcp-server -y
```

```
sudo nano /etc/dhcp/dhcpd.conf
```



```
ctrl + x
```

```
enter
```

```
ctrl + o
```

```
start service
```

```
sudo systemctl enable --now dhcpd
```

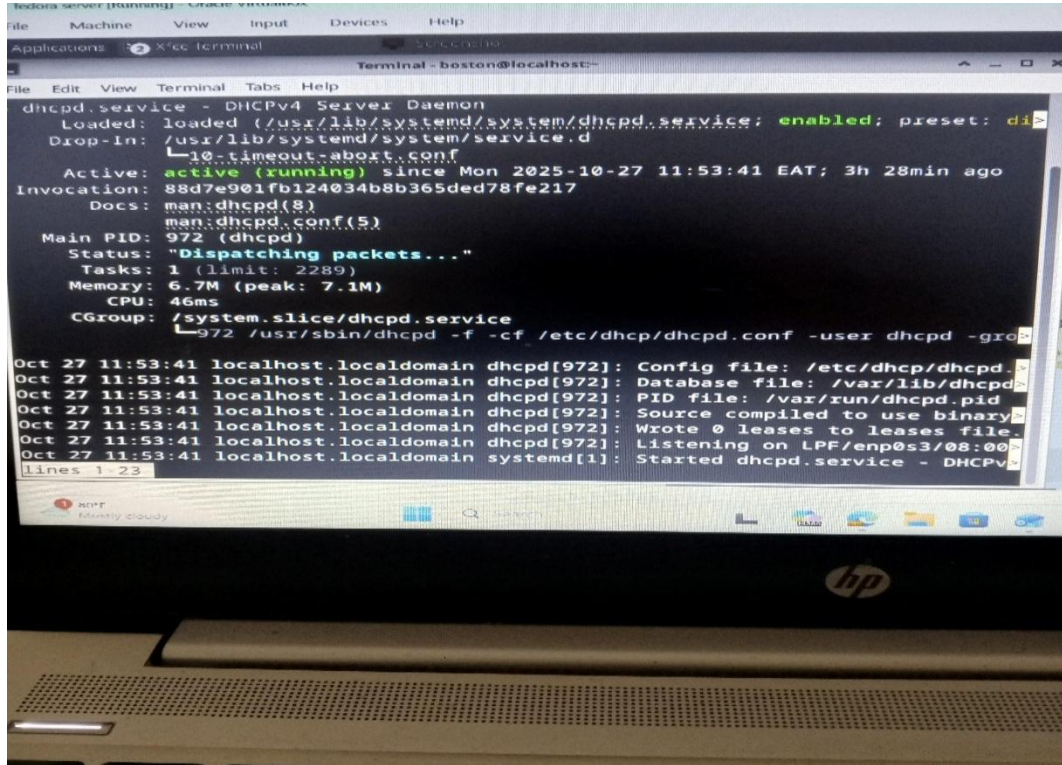
Run this command to see if the DHCP service is running

```
sudo systemctl status dhcpd
```

You should now see

Active: active (running)

Listening on: enp0s3



```
dhcpd.service - DHCPv4 Server Daemon
Loaded: loaded (/usr/lib/systemd/system/dhcpd.service; enabled; preset: disabled)
Drop-In: /usr/lib/systemd/system/service.d
└─10-timeout-abort.conf
Active: active (running) since Mon 2025-10-27 11:53:41 EAT; 3h 28min ago
Invocation: 88d7e901fb124034b8b365ded78fe217
Docs: man:dhcpd(8)
      man:dhcpd.conf(5)
Main PID: 972 (dhcpd)
Status: "Dispatching packets..."
Tasks: 1 (limit: 2289)
Memory: 6.7M (peak: 7.1M)
CPU: 46ms
CGroup: /system.slice/dhcpd.service
└─972 /usr/sbin/dhcpd -f -cf /etc/dhcp/dhcpd.conf -user dhcpd -gr...

Oct 27 11:53:41 localhost.localdomain dhcpd[972]: Config file: /etc/dhcp/dhcpd.conf
Oct 27 11:53:41 localhost.localdomain dhcpd[972]: Database file: /var/lib/dhcpd
Oct 27 11:53:41 localhost.localdomain dhcpd[972]: PID file: /var/run/dhcpd.pid
Oct 27 11:53:41 localhost.localdomain dhcpd[972]: Source compiled to use binary
Oct 27 11:53:41 localhost.localdomain dhcpd[972]: Wrote 0 leases to leases file.
Oct 27 11:53:41 localhost.localdomain dhcpd[972]: Listening on LPF/enp0s3/08:00:
Oct 27 11:53:41 localhost.localdomain systemd[1]: Started dhcpd.service - DHCPv4
```