root@dhcp:~ # apt install isc-dhcp-server
root@dhcp:~ # vi /etc/dhcp/dhcpd.conf
# dhcpd.conf
#
# Sample configuration file for ISC dhcpd
#
# Attention: If /etc/ltsp/dhcpd.conf exists, that will be used as
# configuration file instead of this file.
#
# option definitions common to all supported networks...
# the following identifies the search domain for the host
option domain-name "cs.dixie.edu";
option domain-name-servers 144.38.192.2, 144.38.192.3;

default-lease-time 600;
max-lease-time 7200;

# The ddns-updates-style parameter controls whether or not the server will
# attempt to do a DNS update when a lease is confirmed. We default to the
# behavior of the version 2 packages ('none', since DHCP v2 didn't
# have support for DDNS.)
ddns-update-style none;

# If this DHCP server is the official DHCP server for the local
default-lease-time 600;
max-lease-time 7200;

# The ddns-updates-style parameter controls whether or not the server will
# attempt to do a DNS update when a lease is confirmed. We default to the
# behavior of the version 2 packages ('none', since DHCP v2 didn't
# have support for DDNS.)

ddns-update-style none;

# If this DHCP server is the official DHCP server for the local
# network, the authoritative directive should be uncommented.
authoritative;

#YES we ARE AUTHORITATIVE DHCP FOR THIS NETWORK

# Use this to send dhcp log messages to a different log file (you also
# have to hack syslog.conf to complete the redirection).
#log-facility local7;

# 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 {
#}

"/etc/dhcp/dhcpd.conf" 113L, 3746C written 26s, 14%
# If this DHCP server is the official DHCP server for the local
# network, the authoritative directive should be uncommented.
authoritative;
# YES we ARE AUTHORITATIVE DHCP FOR THIS NETWORK

# Use this to send dhcp log messages to a different log file (you also
# have to hack syslog.conf to complete the redirection).
#log-facility local7;

# No service will be given on this subnet, but declaring it helps the
# DHCP server to understand the network topology.

subnet 144.38.199.32 netmask 255.255.255.240 {
    # what part of this range should be dynamic?
    range 144.38.199.40 144.38.199.46;
    # the following line is optional
    # it is given to show that you can override the global option
    option domain-name-servers 8.8.8.8;
    option subnet-mask 255.255.255.240;
    # identify the gateway
    option routers 144.38.199.33;
}
root@dhcp:~ # service isc-dhcp-server restart
root@dhcp:~# service isc-dhcp-server restart
root@dhcp:~# service isc-dhcp-server status

isc-dhcp-server.service - ISC DHCP IPv4 server

   Loaded: loaded (/lib/systemd/system/isc-dhcp-server.service; enabled; vendor supported)
   Active: active (running) since Fri 2021-01-08 19:36:08 UTC; 5s ago
   Docs: man:dhcpd(8)

Main PID: 2522 (dhcpd)
Tasks: 4 (limit: 1074)
Memory: 6.1M

CGROUP: /system.slice/isc-dhcp-server.service

Jan 08 19:35:08 dhcp sh[2522]: PID file: /run/dhcp-server/dhcpd.pid
Jan 08 19:35:08 dhcp dhcpd[2522]: Wrote 0 leases to leases file.
Jan 08 19:35:08 dhcp dhcpd[2522]: Listening on LPF/ens4/52:54:00:00:00:00:00:144.38.1
Jan 08 19:35:08 dhcp dhcpd[2522]: Sending on LPF/ens4/52:54:00:00:00:00:00:144.38.1
Jan 08 19:35:08 dhcp dhcpd[2522]: Listening on Socket/fallback/fallback-net
Jan 08 19:35:08 dhcp dhcpd[2522]: Sending on Socket/fallback/fallback-net
Jan 08 19:35:08 dhcp dhcpd[2522]: Server starting service.
root@dhcp:~#
root@dhcp:~# echo "Also make sure that THIS machine is NOT using dhcp"
Also make sure that THIS machine is NOT using dhcp
root@dhcp:~#
root@dhcp:~ # cat /etc/netplan/00-installer-config.yaml

network:
  ethernets:
    ens4:
      dhcp4: false
      addresses:
        # change this to your address/cidr mask
        - 144.38.199.34/28
      # change this to your gateway
      gateway4: 144.38.199.33
      nameservers:
        addresses:
        - 144.38.192.2
        - 144.38.192.3
        search:
        - cs.dixie.edu

version: 2

root@dhcp:~ #