sudo apt install isc-dhcp-server

sudo vim /etc/default/isc-dhcp-server # set interface for dhcp requests

sudo vim /etc/dhcp/dhcpd.conf # set dhcp config (snap ip/mac, subnet)

sudo /etc/init.d/networking restart # activate config

sudo ifconfig eth0 10.10.10.10/24 # set static ip for interface

# firewall stuff (doesn't appear necessary on this rpi)

sudo ufw allow 67/udp

sudo ufw reload

sudo ufw show

sudo systemctl start isc-dhcp-server.service # start dhcp server

sudo systemctl enable isc-dhcp-server.service # (optional) start at boot

# how to start dhcp at boot (<https://raspberrypi.stackexchange.com/a/70536>)

sudo cp /run/systemd/generator.late/isc-dhcp-server.service /etc/systemd/system

sudo nano /etc/systemd/system/isc-dhcp-server.service

Edit the [Service] section:

set Restart=on-failure,

add RestartSec=5 # iinstruct systemd to wait 5 seconds before restarting a failed service.

Add the [Install] section which is missing, and add the follow line to it:

WantedBy=multi-user.target

sudo systemctl daemon-reload

sudo systemctl disable isc-dhcp-server

sudo systemctl enable isc-dhcp-server

# track connection

sudo tail -f /var/log/syslog | grep dhcp

ps ax | grep dhcpd

# hack to make snap listen at 1gb

1. Use 10Gbit connection to hera-snap-head

2. Program with eigsep\_fengine\_1g\_v1\_0\_2022-08-26\_1007.fpg

3. Switch to 1Gbit connection to RPi