DHCP Server

1) Objective

Set up a DHCP server on router *R4* such that, it leases IP addresses to the *Linux* eth0 interface using the eth2 interface of router *R4*. Use the subnet you indicated in your previous assignment. Your subnet should be larger than a /30.

Note: Please make the necessary changes to the /etc/network/interfaces file on Linux before you proceed. You will need to remove the static IP addressing you have assigned in your previous lab.

The first step is to configure the dhcpd.conf file in Router *R4*. This file is present in /etc/dhcp.

As there are multiple interfaces you will also need to edit /etc/defaults/isc-dhcp-server to indicate which of the interfaces dhcpd will run on.

2) What to Submit

[100 pts] configuration of R4, Linux, capture of Leases file showing configurations items.