To make fixed dhcp assignments
shared-network 224-29 {
  subnet 10.17.224.0 netmask 255.255.255.0 {
    option routers rtr-224.example.org;
  }
  subnet 10.0.29.0 netmask 255.255.255.0 {
    option routers rtr-29.example.org;
  }
  pool {
    allow members of "foo";
    range 10.17.224.10 10.17.224.250;
  }
  pool {
    deny members of "foo";
    range 10.0.29.10 10.0.29.230;
  }
}

fixed client definitions
include "/etc/dhcp/IT3110-dhcp.txt";
host client1 {
  hardware ethernet 52:54:00:08:00:94;
  fixed-address 144.38.201.60;
}
host client2 {
  hardware ethernet 52:54:00:08:00:9c;
  fixed-address 144.38.201.61;
}
IT3110-dhcp.txt (END)
On the client now. make sure it is set to dhcp

```
$ cat /etc/network/interfaces
```
$ echo "On the client now. make sure it is set to dhcp"
On the client now. make sure it is set to dhcp

$ cat /etc/network/interfaces

# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*/ 

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
auto ens3
iface ens3 inet dhcp

#iface ens3 inet static
# address 144.38.201.60
# netmask 255.255.255.224
# gateway 144.38.201.33
# dns-nameservers 144.38.192.2 144.38.192.3
joe@client1:~$
joe@client1:~$

joe@client1:~$ sudo ifdown ens3 && sudo ifup ens3

[sudo] password for joe:
Killed old client process

Internet Systems Consortium DHCP Client 4.3.3
All rights reserved.
For info, please visit https://www.isc.org/software/dhcp/

Listening on LPF/ens3/52:54:00:08:00:94
Sending on LPF/ens3/52:54:00:08:00:94
Sending on Socket/fallback
DHCPRELEASE on ens3 to 144.38.201.38 port 67 (xid=0xe7d5318)

Internet Systems Consortium DHCP Client 4.3.3
All rights reserved.
For info, please visit https://www.isc.org/software/dhcp/

Listening on LPF/ens3/52:54:00:08:00:94
Sending on LPF/ens3/52:54:00:08:00:94
Sending on Socket/fallback
DHCPDISCOVER on ens3 to 255.255.255.255 port 67 interval 3 (xid=0x9566c40a)
DHCPREQUEST of 144.38.201.60 on ens3 to 255.255.255.255 port 67 (xid=0xac46695)
DHCPPACK of 144.38.201.60 from 144.38.201.38
bound to 144.38.201.60 -- renewal in 271 seconds.

joe@client1:~$