

dhcpd.conf:

#####

```
shared-network dundermifflin {
    option domain-name "dundermifflin.com";
    option domain-name-servers 128.138.240.1, 128.138.130.30;
    option ntp-servers time-a-www.nist.gov, time-a-b.nist.gov;
    default-lease-time 600;
    max-lease-time 600;

#DMZ
subnet 100.64.11.0 netmask 255.255.255.0 {
    option routers 100.64.11.1;
    pool {
        range 100.64.11.100 100.64.11.199;
    }

host machineb {
    option host-name "dns0.dundermifflin.com";
    ddns-hostname "dns0.dundermifflin.com";
    hardware ethernet 00:50:56:85:87:7d;
    fixed-address 100.64.11.2;
}

host machinec {
    option host-name "web0.dundermifflin.com";
    ddns-hostname "web0.dundermifflin.com";
    hardware ethernet 00:50:56:85:79:e7;
    fixed-address 100.64.11.3;
}

host machined {
    option host-name "web1.dundermifflin.com";
    ddns-hostname "web1.dundermifflin.com";
    hardware ethernet 00:50:56:85:3f:39;
    fixed-address 100.64.11.4;
}

host machinef {
    option host-name "dns1.dundermifflin.com";
    ddns-hostname "dns1.dundermifflin.com";
    hardware ethernet 00:50:56:85:e2:6a;
    fixed-address 100.64.11.6;
}
}

#LAN
```

```
subnet 10.21.32.0 netmask 255.255.255.0 {
    option routers 10.21.32.1;
    pool {
        range 10.21.32.100 10.21.32.199;
    }
    host machinee {
        option host-name "nfs.dundermifflin.com";
        ddns-hostname "nfs.dundermifflin.com";
        hardware ethernet 00:50:56:85:6b:00;
        fixed-address 10.21.32.2;
    }
}
```

```
#####
```

Notes:

Installed dhcp server on machine a.
configured dhcpd.conf
started service and rebooted machine a. then started again.
removed default hostname from /etc/hostname on all machines.
configured rocky machines.

vi /etc/sysconfig/network-scripts/ifcfg-ens192
change from static to dhcp

same with debian machines

vi /etc/network/interfaces
change from static to dhcp

reboot all machines
check redhat with

nmcli -f DHCP4 con show "\$(nmcli -g NAME con show --active)"

check debian with
ip r
hostnamectl

Took ~3 hours?