

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-wwv.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?