

Static and Dynamic IP on a Single Interface

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Introduction

During the configuration of an MFEL (CentOS 7.2, MFEL 7x) I suddenly lost connection. After some investigation i noticed that my control interface had two addresses. When I did an `ip a` on the interface, I saw something similar to the section below.

```
6: enp4s0f0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP qlen 1000
    link/ether 00:1e:67:eb:69:4c brd ff:ff:ff:ff:ff:ff
    inet 10.43.3.67/19 brd 10.43.31.255 scope global enp4s0f0
        valid_lft forever preferred_lft forever
    inet 10.43.2.244/22 brd 10.43.2.254 scope dynamic enp4s0f0
        valid_lft forever preferred_lft forever
```

I tried to add `NM_Controlled=no` to the interface configuration file, but that didn't help. So in the end I had to disable the built in Network Manager, which to be honest we don't use because our interfaces are always set to Static.

Disable Network Manager

To disable the Network Manager, at the CLI, enter the following:

```
systemctl disable NetworkManager.service
systemctl stop NetworkManager.service
systemctl restart network
```

I did a reboot and confirmed that I now only had the Static IP that I had configured in my interface configuration file (/etc/sysconfig/network-scripts/ifcfg-enp4s0f0)

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