



Lab 39.3: Adding a Network Interface Alias

1. Configure your system with a new network device alias name `eth0:0`, which uses a new IP address you will select. This address should be persistent.
Bring the device up and test it.

Solution 39.3

1.

```
$ cd /etc/sysconfig/network-scripts
$ cp ifcfg-eth0 ifcft-eth0:0
```

Edit this file (as root) and make sure it has the lines:

```
DEVICE=eth0:0
BOOTPROTO=static
ONBOOT=yes
IPADDR=192.168.1.110
NETMASK=255.255.255.0
```

using whatever address you want. On **RHEL 7** you should use **NAME** instead of **DEVICE**.

To bring the device up you can use **ifconfig**, **ifup** or **ip**, but simply doing:

```
$ sudo service network restart
```

will also show the new alias is persistent. You can test with

```
$ sudo ping 192.168.1.110
```

using whatever address you chose.