

1. Since **PackStack** doesn't handle very well **NetworkManager** and/or **Firewalld**, we must disable them and enable the "legacy" **network** service (it should already be enabled).

```
sudo systemctl disable firewalld
sudo systemctl stop firewalld
sudo systemctl disable NetworkManager
sudo systemctl stop NetworkManager
sudo systemctl enable network
sudo systemctl start network
```

2. Edit `/etc/sysconfig/network-scripts/ifcfg-*` files to change `onboot=no` to `onboot=yes`
3. Run the command `'systemctl restart network'`
4. Check your interfaces to see if they've both received ip addresses (if you are on a network that

```
BOOTPROTO=static
IPADDR=192.168.169.130
NAME=enol6777736
ONBOOT=yes
```

serves DHCP).

5. Take the obtained IP addresses and place them in the `ifcfg-*` by updating the following parameters for both interfaces:
6. Check your `ifcfg-*` files and make sure they look similar to this:

```
[nahmed@localhost ~]$ cat /etc/sysconfig/network-scripts/ifcfg-enol6777736
HWADDR=00:0C:29:1B:C3:18
TYPE=Ethernet
BOOTPROTO=static
DEFROUTE=yes
PEERDNS=yes
PEERROUTES=yes
IPADDR=192.168.169.130
NAME=enol6777736
UUID=a95d1db5-15c8-4a81-b187-b9fee24246db
ONBOOT=yes
[nahmed@localhost ~]$
```

7. Set a proper hostname for your VM:

```
# hostnamectl set-hostname openstack.training.lab
```

8. Add your IP and hostname to `/etc/hosts`:

For example:

```
127.0.0.1    localhost.localdomain
192.168.1.130 openstack.training.lab
```

9. Check `/etc/resolv.conf` for the 'nameserver' directive, if it is not there, add one with your nameserver
10. All Done. Ready to install OpenStack.