

1. Update your system with: `sudo yum -y update`

2. Disable selinux enforcement for now:

```
sudo setenforce 0
sudo sed -e s/SELINUX=enforcing/SELINUX=permissive/g
/etc/selinux/config > /tmp/config.tmp;/usr/bin/cp -f
/tmp/config.tmp /etc/selinux/config
```

3. To keep from having to add too many firewall rules, disable firewalld for now:

```
sudo systemctl stop firewalld
```

4. Edit `/etc/sysconfig/network-scripts/ifcfg-*` files to change `onboot=no` to `onboot=yes` for your interfaces

5. Run the command 'systemctl restart network'

6. Check network connectivity by running: `ping 8.8.8.8`

7. Check your interfaces to see if they've both received ip addresses (if you are on a network that serves DHCP).

8. Set a proper hostname for your VM:

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

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

For example:

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

10. Check `/etc/resolv.conf` for the 'nameserver' directive, if it is not there, add one with your nameserver (if you have one, otherwise use 8.8.8.8 or 1.1.1.1)

11. All Done. Ready to install OpenStack. I will now guide you through the configuration file and install of an all-in-one openstack system.