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

sudo systemctl disable firewalld

sudo systemctl stop firewalld

sudo systemctl disable NetworkManager

sudo systemctl stop NetworkManager

sudo systemctl enable network

sudo systemctl start network

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

sudo setenforce 0

sudo sed -I s/SELINUX=enforcing/SELINUX=permissive/g /etc/selinux/config

1. Disable selinux enforcement for now:
2. Edit /etc/sysconfig/network-scripts/ifcfg-\* files to change onboot=no to onboot=yes for your interfaces
3. Run the command ‘systemctl restart network’
4. Check network connectivity by running: ping 8.8.8.8
5. Check your interfaces to see if they’ve both received ip addresses (if you are on a network that serves DHCP).

# hostnamectl set-hostname openstack.training.lab

1. Set a proper hostname for your VM:
2. Add your IP and hostname to /etc/hosts:

For example:

127.0.0.1 localhost.localdomain

10.0.0.15 openstack.training.lab

1. 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)

sudo yum -y install centos-release-openstack-rocky

sudo yum -y install python-setuptools

sudo yum -y install openstack-packstack

1. Install some prerequisite software:
2. All Done. Ready to install OpenStack. I will now guide you through the configuration file and install of an all-in-one openstack system.