CLOUD COMPUTING

Instead of /etc/network/interfaces we have

/etc/sysconfig/network-scripts/ifcfg-enp0s3

/etc/sysconfig/network-scripts/ifcfg-enp0s8

Type=Ethernet

BOOTPROTO= none

NAME=enp0s8

DEVICE=enp0s8

ONBOOT=yes

IPADDR=10.1.1.21

NETMASK=255.255.255.0

GATEWAY=10.1.1.1

To install OpenStack

Disable SELINUX

vi etc/selinux/config (disable it in the options)

Disable NetworkManager

systemctl stop NetworkManager

systemctl disable NetworkManager

Restart Services

service network restart

On HOST

yum install -y <https://rdoproject.org/repos/rdo-release.rpm>

ssh-keygen (to generate a ssh passphrase)

yum install -y openstack-packstack

packstack --gen-answer-file=~/answer.txt

grep PW answer.txt |grep -v PLACEHOLDER

use nano to edit passwords of every component.

packstack –answer-file=answer.txt

OpenStack can be accessed using terminal by following commands

Source keystonerc\_admin

Nova service-list

Neutron agent-list

Neutron net-list

Nova list

Neutron net-create ext1

Neutron net-list (to find the network ID)

Neutron subnet-create ext1 subext1 start=10.1.1.10, end=10.1.1.30 subext1

glance image-list

nova boot –image (imageID)

swift stats

on UBUNTU

sudo apt-get update && sudo apt-get dist-upgrade

create 2 more adaptors

sudo /etc/network/interfaces

configure 2 more adaptors

using Putty perform the following commands

sudo apt-get install git

git clone <https://github.com/openstack-dev/devstack.git>

ls

cd Devstack

get into localRC file

copy localRC from devstack-trove to devstack

edit localRC file and add the content which mam mailed on college ID

./stack.sh to run the script