Experiment No. 04

Name : Rahul Anil Sajekar

Roll No : 33

Batch : II

Class : TE- IT

Subject : CSD Lab

DOP	DOC	MARKS	SIG

Aim :

To demonstrate installation and configuration of open stack private cloud.

Theory :

1. Installation and configuration of open stack private cloud using Obuntu.

- Login and change to the root user by typing:
  Sudo su -
  Then type your password
- To download and install git type:
  Apt-get install git
- You also need to download and install the devstack in order to get the essential components for Openstack. To download and install the devstack type:
  git clone git://github.com/openstack-dev/devstack.git
  cd devstack; ./stack.sh
- You must enter a password to use for the Database, Rabbit, Authentication, Horizon, Service Admin Token, Service and keystone.
  The script will actually run as a non-root user called stack, which it creates robotically. So you don't require to really be logged in as root if that concerns you.

2. Sign in, Dashboard & User setup :

- When the script is done you end up with this :

- As you can see, it tells you where you can sign on to the dashboard as well as how to sign in and get to the rest of the components.

- When you want to change your password, while logged in as admin, click on the Settings link at the top right. Click on change Password. Enter your old password and then enter your new password and confirm it.

- When you want to change the passwords for other built-in users or just edit users in general, go to the Admin tab and click on Users. Click Edit which is next to the Admin user, change the password and enter a primary project. Then click update user. You can edit your current password while logged in here, but you'll need to logout and log back in using the new password.

3. Configuration :

When installation of openstack is completed, you can start configuring your cloud by going to the Project tab and clicking on the overview, Instances, Volumes

Date :

Images & Snapshots , and Access & Security tabs. Under the instances tab you'll see an image already in there. You can add other images from other operating systems in here as well.

Conclusion :

Hence , we installed and configured the open stack private cloud using ubuntu.