Docker Containers through SSH:

1. Install docker using following commands

For Ubuntu:

# curl -fsSL get.docker.com -o get-docker.sh

# sh get-docker.sh

For Centos

# yum –enablerepo=epel -y install docker-io

# /etc/rc.d/init.d/docker start

# chkconfig docker on

1. Download image either Ubuntu or centos using following command

Here we are downloading Ubuntu

# docker pull Ubuntu

1. Run container on Ubuntu , forward ssh port number to other un reserved port like following

# docker run -dti –name test -p 55:22 -p 83:80 ubuntu /bin/bash

1. Log into docker container name called test from docker engine using below command

# docker attach test

1. Update docker conatainer using below command

# apt-get update -y

1. Create user and password in container using below commands

# useradd user1

# passwd user1

1. Install vim editor in container using below command

# apt-get install vim -y

1. Once you create password password user you need modify ssh configuration file. In ssh configuration file you should see the line name called ‘Passwordauthentication yes’ using below

# vi /etc/ssh/sshd\_config

Passwordauthentication yes

1. Then restart ssh service using below command

# service ssh restart

1. Then open port number called 55 on docker engine security groups bcoz this we have forwarded to 22 this is default ssh port
2. Then launch another instance and execute below command

# ssh -p 55 containersusername@dockerengine ip address

Then you will login to docker conmtainer through ssh