School of Computer Science Engineering and Technology

Course-B.Tech.
Course Code –CSET232

Year- 2023

Date- 15-02-2023

Type- Specialization Core-II Course Name- Design of Cloud Architectural Solution

Semester- 4th

Batch- 2021

A-Type- Lab Assignment/Tutorial # No. (Week 4, Assignment No. 4)

Lab Objective:

Launch a free tier Amazon Linux 2 AMI (HVM), SSD Volume Type – ami-02892a4ea9bfa2192 in any region. Connect it through the putty or any method which you know the perform the below commands on Linux terminal with its detailed explanations. Take the snapshots of all tasks and create a doc/pdf of your enrolment number_lab06 (Ex: E19CSE045_Lab06) and upload the file on LMS.

- 1. This lab is a starting as experiencing with docker and container part as we decided in the course content. After this Lab, we will be covering all the stages of DevOps on AWS container or any Open-source tool.
- 2. In this Lab, Students will be getting Hands on Experience by using some basic commands of docker on EC2 Amazon Linux Machine (Free Tier).
- 3. Here, the lab instructor will explain the details of the commands.
- 4. It is expected that every student will perform these Commands as per the learning goal.

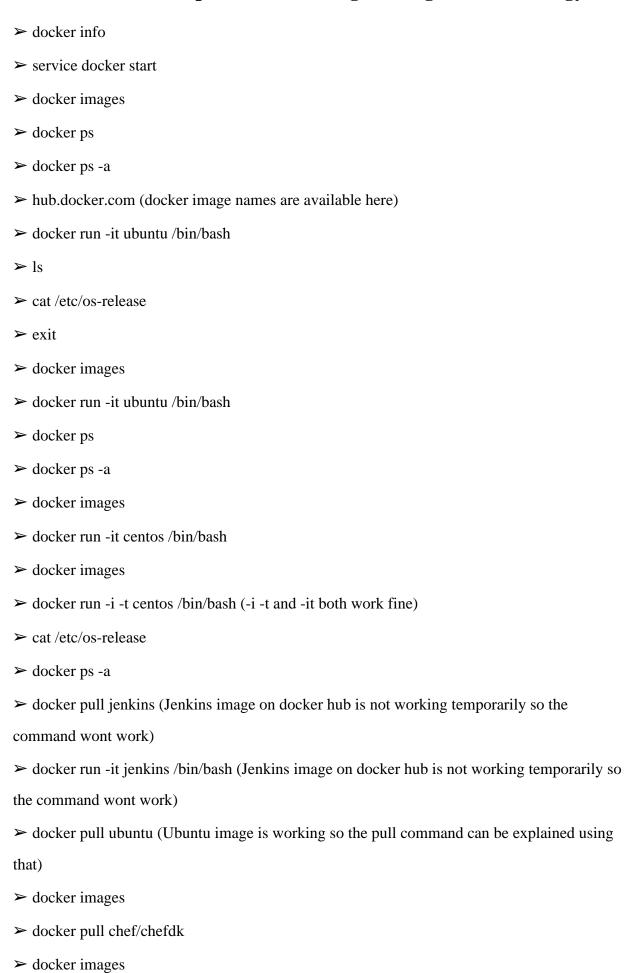
CO-Mapping:

Exp. No.	Name	CO1	CO2	CO3
04	DevOps Deployment		\bigcirc	$\langle \rangle$
	Stage			

Commands/ Rough Cuts for the Lab:

- ➤ yum update -y (Linux Version Upgrade)
- ➤ yum install docker -y
- ➤ which docker
- ➤ which chef
- ➤ docker -v
- ➤ docker --version
- ➤ service docker status

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