Docker compose

Install docker compose: sudo curl -L

"https://github.com/docker/compose/releases/download/\$(curl -s

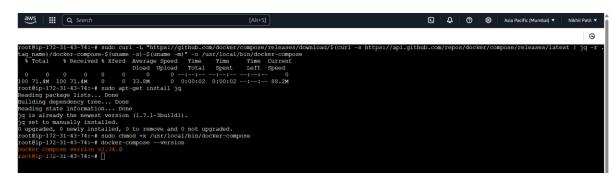
https://api.github.com/repos/docker/compose/releases/latest|jq-r.tag_name)/docker-

compose- \$(uname -s)-\$(uname -m)" -o /usr/local/bin/docker-compose

sudo apt-get install jq

sudo chmod +x /usr/local/bin/docker-compose

docker-compose -version



Docker-compose.yml

version: '3.8'

services:

jenkins:

image: jenkins/jenkins:lts-jdk17

container_name: jenkins_container

ports:

- "8090:8080"

- "50000:50000"

volumes:

- my_jenkins:/var/jenkins_home

restart: always

tomcat:

image: tomcat:latest

container_name: tomcat_container

ports:

- "8080:8080"

volumes:

- my_tomcat:/usr/local/tomcat

restart: always

volumes:

my_jenkins:

my_tomcat:

docker -compose up -d

Docker-compose ps

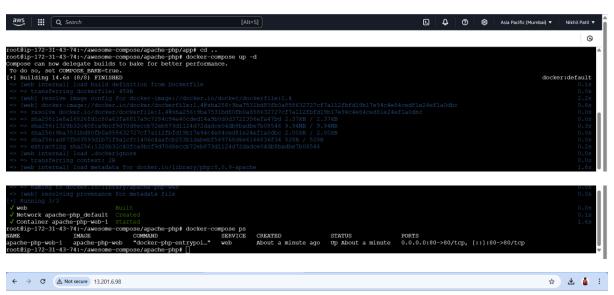
docker volume ls



docker-compose down

Tier-1 application:

Git repo: https://github.com/docker/awesome-compose.git



Hello welcome to devops class!

Two-tier application:

Flask-redies







