Linux Command

Friday, May 21, 2021 6:26 PM

SET UP VIRTUAL ENVIRONMENT
1) python3 -m venv ~/.dockerproj
2) source ~/.dockerproj/bin/activate

TO BUILD DOCKER IMAGE
1) docker build --tag=app .
2) docker image ls
3) docker run -it app bash

GENERAL LINUX COMMAND
1) Vim
2) :q
3) cd ..
4) deactivate (to deactivate virtual environment)

SSH COMMAND
1) ssh-keygen -t rsa
2) cat /home/ec2-user/.ssh/id_rsa.pub
3) tar xvfz (to untar)

GIT COMMAND
1) git status
2) git add Dockerfile
3) git commit -m "adding file"
4) git push

- TO CREATE SSH KEY
  1) ssh-keygen -t rsa (To create ssh file)
  2) cat /home/ec2-user/.ssh/id_rsa.pub (To create key)

    - TO RESIZE AWS INSTANCE

  1) df –h
  2) chmod +x resize.sh
  3) ./resize.sh

    - PROCESS TO CREATE LAMBDA FUNCTION

  1) sam init (To create the templete for lambda)
  2) Project name [sam-app]: HelloWorldLambda (Project Name)
  3) sam build (Build Dockerized lambda environment)
  4) sam local invoke (To invoke locally)

    - PROCESS TO DEPLOY LAMBDA FUNCTION

  1) sam deploy --guided (Create Configuring file for Deployment)
  2) Create repository in Elastic Container Repository to store Dockerized version of lambda/ Docker Image. It will push local Docker container to Amazon Container Registry.
  3) Then Lambda deployed in to production Environment.

    - DEPLOYING AND TESTING

  1) sam local invoke (To invoke Lambda function locally)