LAB-52

IAM-ROLE:  
CREATE-USE CASE AS EC2

EC2 INSATNCEPROFILE FOR IMAGE BUILDER CONTAINER FIELD

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

IAM – ROLE CREATED

Ec2- us-east-2-ohio

Graphical user interface, text, application, email

Description automatically generated

A screenshot of a computer

Description automatically generated

Graphical user interface, text, application

Description automatically generated

ECR:

Graphical user interface, text, application

Description automatically generated

A screenshot of a computer

Description automatically generated

Now Connect your ec2:

Graphical user interface, text, application

Description automatically generated

sudo yum update -y

sudo amazon-linux-extras install docker

sudo service docker start

sudo systemctl enable docker

sudo usermod -a -G docker ec2-user

docker info 🡪 ERROR NOW.

So close this terminal and open ec2 and connect to ec2 instance connect

Creating a DockerFile:

touch Dockerfile

FROM ubuntu:18.04

# Install dependencies

RUN apt-get update

RUN apt-get -y install apache2

# Install apache and write hello world message

RUN echo '<h3 align=center>We Successfully Deployed Docker</h3>' > /var/www/html/index.html

# Configure apache

RUN echo '. /etc/apache2/envvars' > /root/run\_apache.sh

RUN echo 'mkdir -p /var/run/apache2' >> /root/run\_apache.sh

RUN echo 'mkdir -p /var/lock/apache2' >> /root/run\_apache.sh

RUN echo '/usr/sbin/apache2 -D FOREGROUND' >> /root/run\_apache.sh

RUN chmod 755 /root/run\_apache.sh

EXPOSE 80

CMD /root/run\_apache.sh

docker build -t hello-world .

docker images --filter reference=hello-world

docker run -t -i -p 80:80 hello-world

docker tag hello-world 495745966393.dkr.ecr.us-east-2.amazonaws.com/ecrrepojune30

aws ecr get-login-password | docker login --username AWS --password-stdin 495745966393.dkr.ecr.us-east-2.amazonaws.com

aws configure

enter

enter

us-east-2

JSON

docker push 495745966393.dkr.ecr.us-east-2.amazonaws.com/ecrrepojune30

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated