LAB-52

IAM-ROLE:  
CREATE-USE CASE AS EC2

EC2 INSATNCEPROFILE FOR IMAGE BUILDER CONTAINER FIELD

Graphical user interface, text, application, email

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IAM – ROLE CREATED

Ec2- us-east-2-ohio

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ECR:

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Now Connect your ec2:

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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

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Now check in the images if it is created or not

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Created successfully.

Graphical user interface

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Click on add container:

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