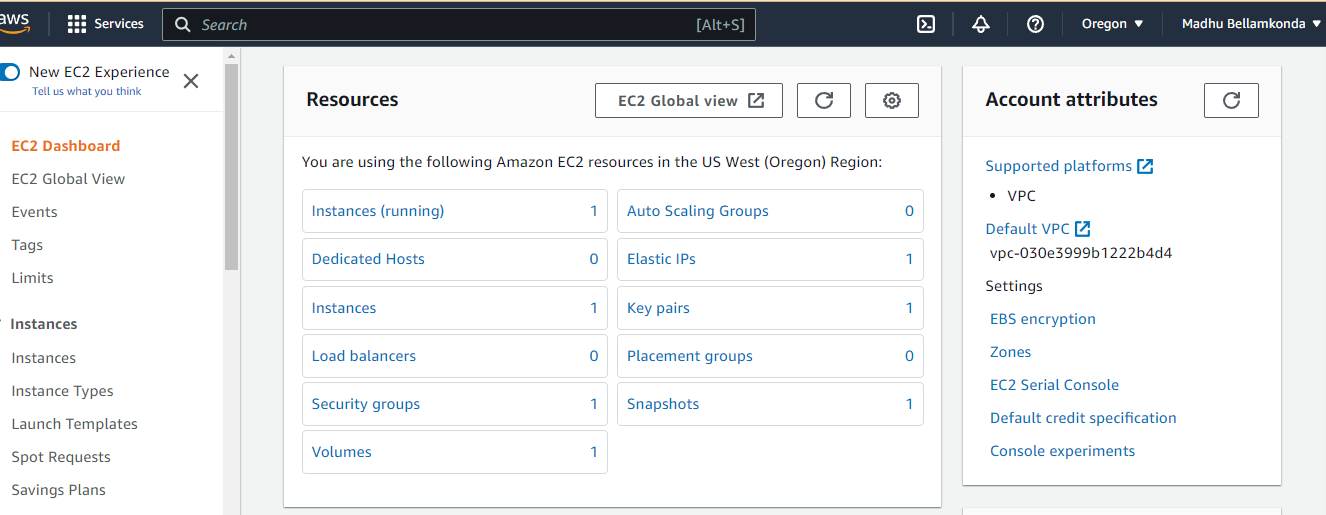
Launching EC2

>> login to aws console if you already have account/if not create one

>> search ec2 in search bar

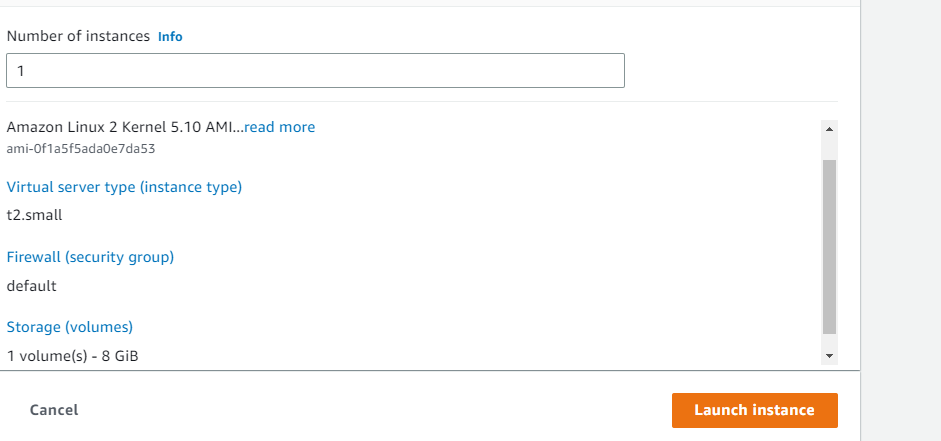


>> click on instances

>> click on launch instances

>> give name choose OS linux/ubuntu ..

>>choose instance type acc to your requirement

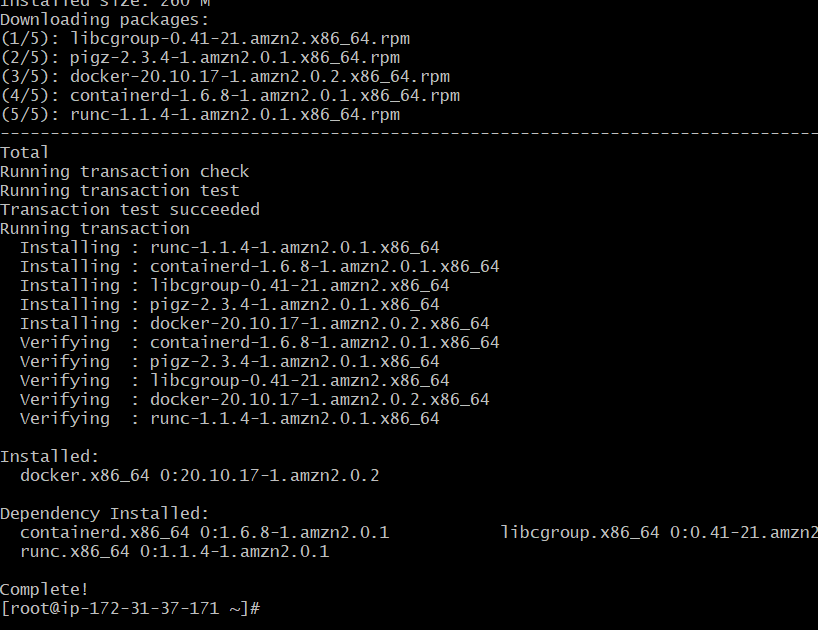


>>>click on launch instance

>>>once instance is up and running connect to cli whatever you use

>>>installing docker

# sudo yum install –y docker

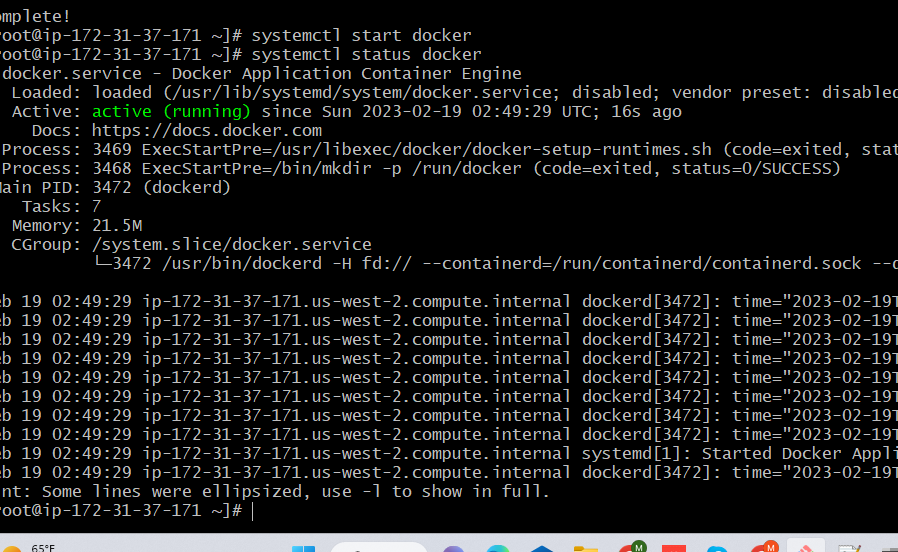


>>> once installed start docker

# sudo systemctl start docker

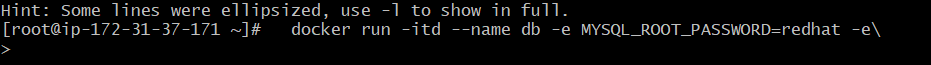
>>>check the status

# sudo systemctl status docker



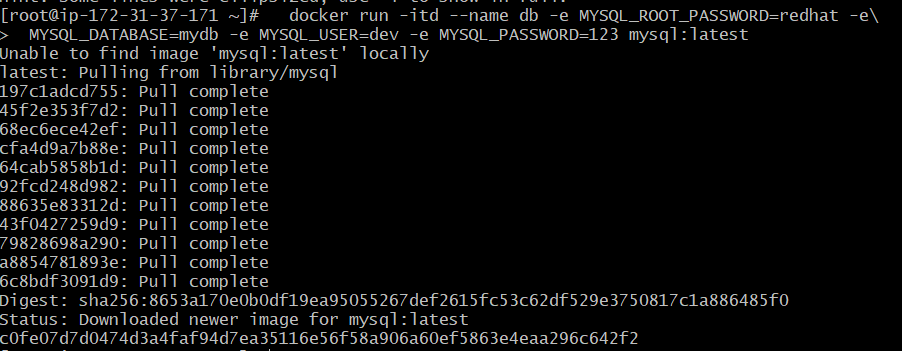
Now run

# docker run -itd --name db -e MYSQL\_ROOT\_PASSWORD=redhat -e\



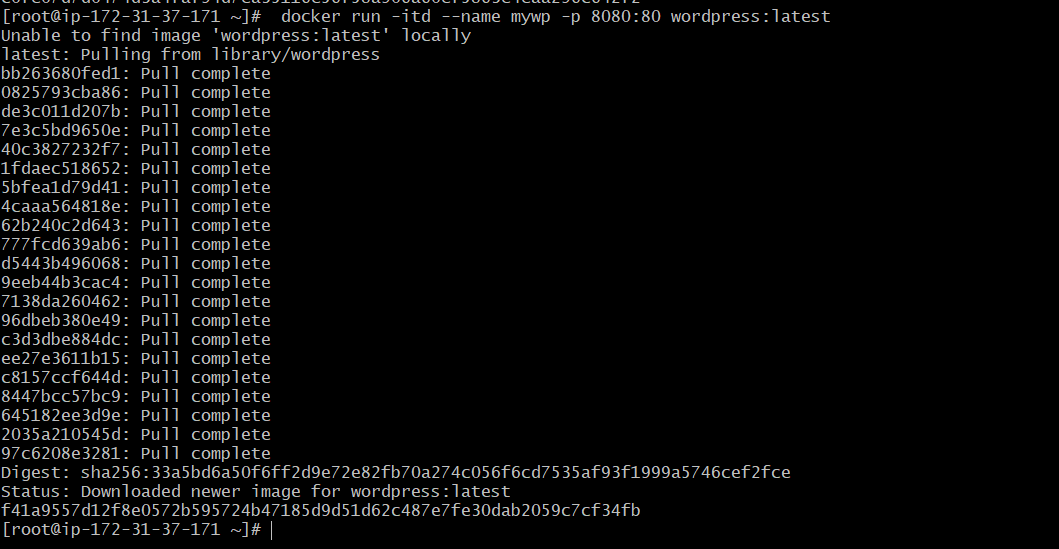
After this popup come use the command below

# MYSQL\_DATABASE=mydb -e MYSQL\_USER=dev -e MYSQL\_PASSWORD=123 mysql:latest

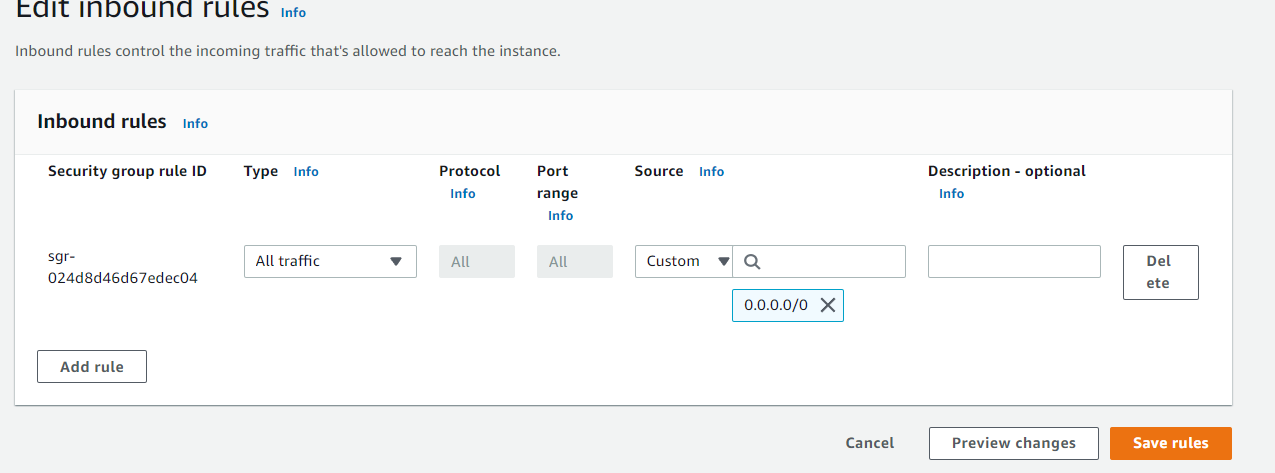


Then run this

# docker run -itd --name mywp -p 8080:80 wordpress:latest



Edit inbound rules to all traffic



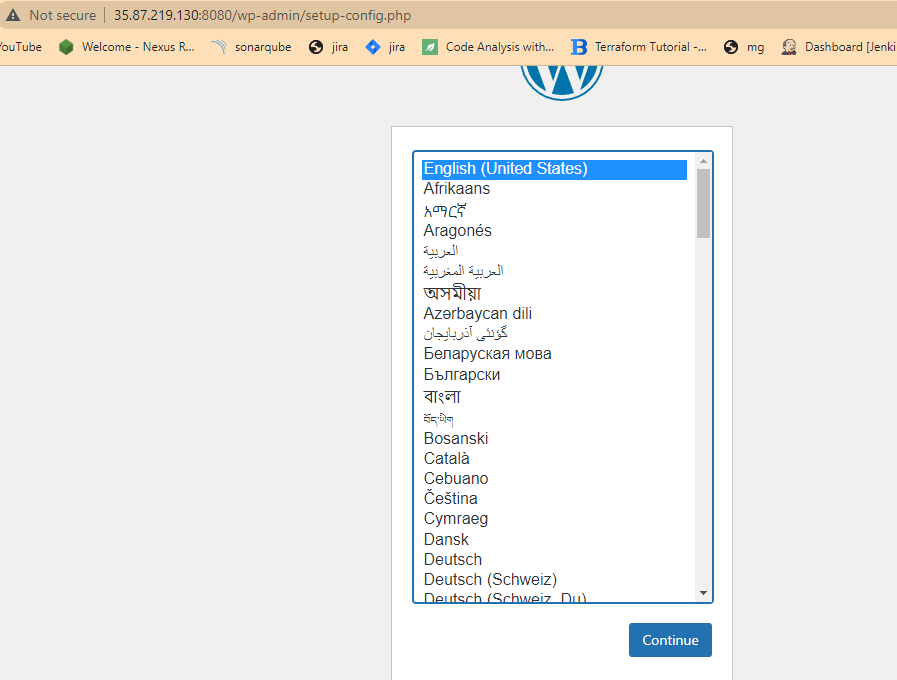
Then run below command to get pub ip

# curl ident.me



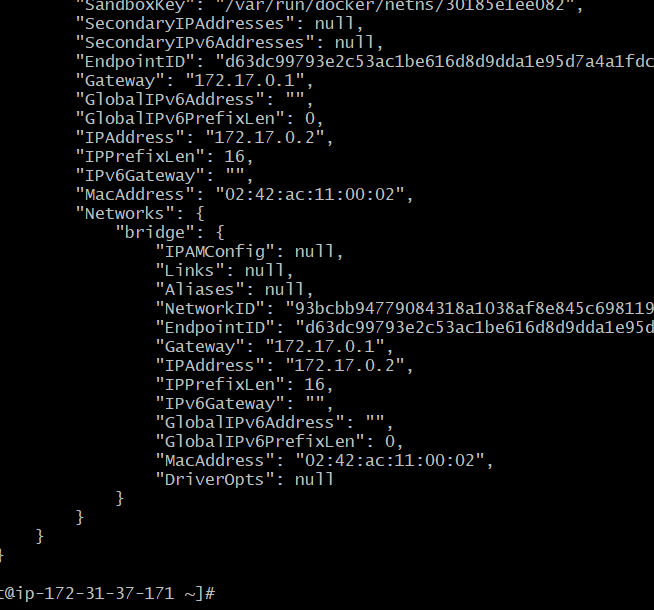
Then open any browser

Paste public ip :8080



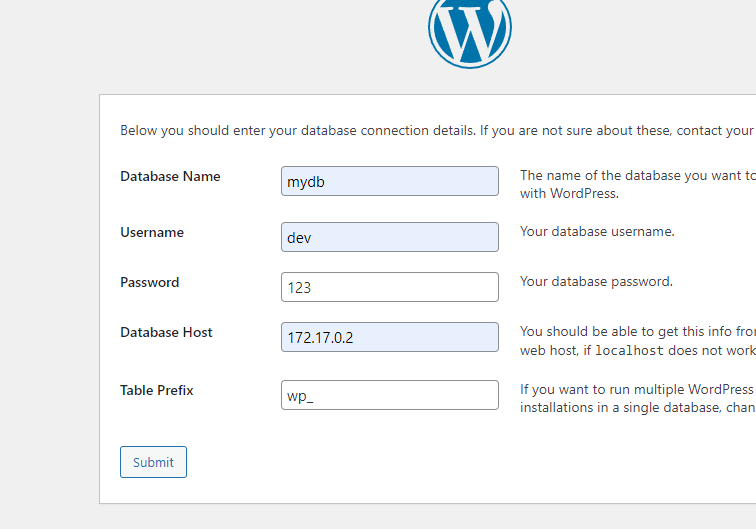
Go to cli enter below command

#docker inspect db

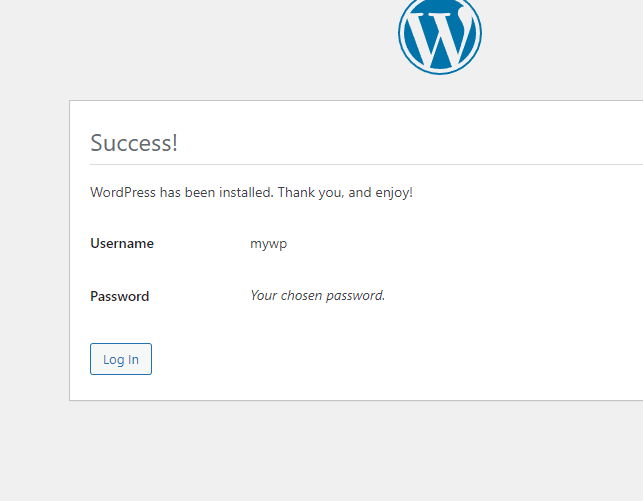


Copy this ip “172.17.0.2”

Enter in browser these details



Then do next step and do configure



Now three tier is set up

Now upload image to ECR do follow these steps

Go to console

>>on top right click on account

Then security credentials

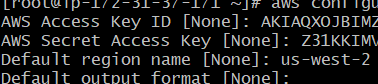
#create access key and secret key

Note them down on notepad

Now comeback to AWS CLI

# aws configure

Enter access key & secret key



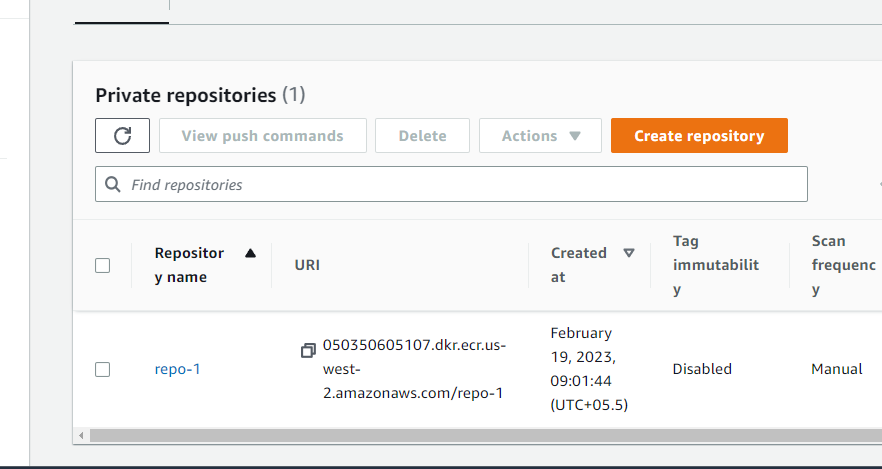
Go to AWS CONSOLE

Search ECR



Click on get started

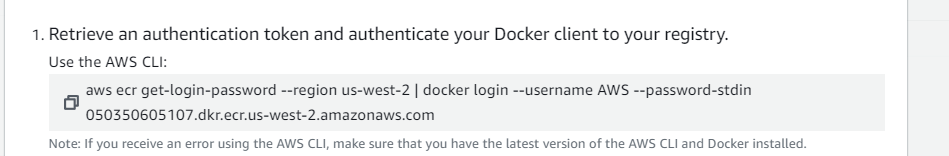
Create repo



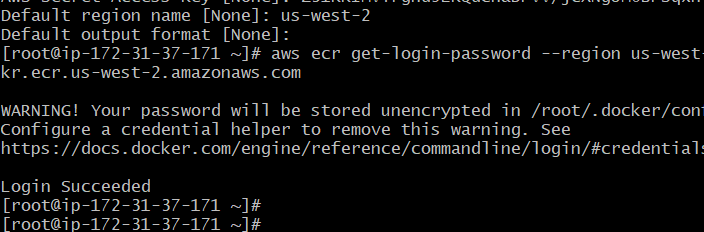
Now we need to login to ECR Through cli so that we can push images to ecr repository

Click on repo go to view push commands

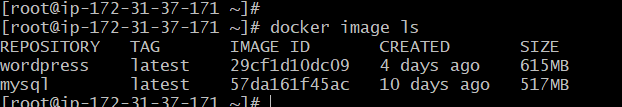
Run the below command



Now we successfully logged into ecr



#docker image ls

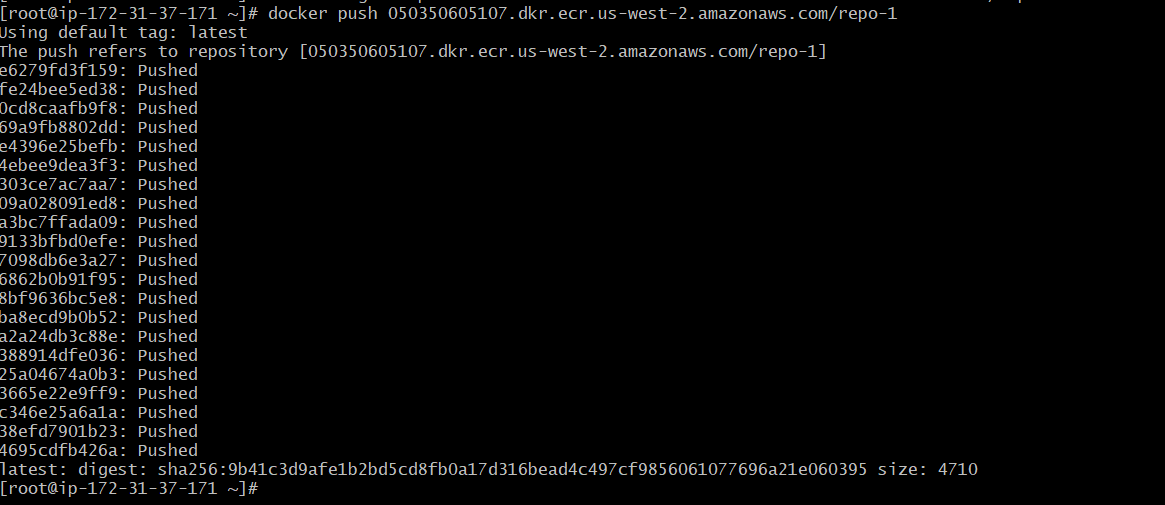


#doccker tag image:tag uri of ecr

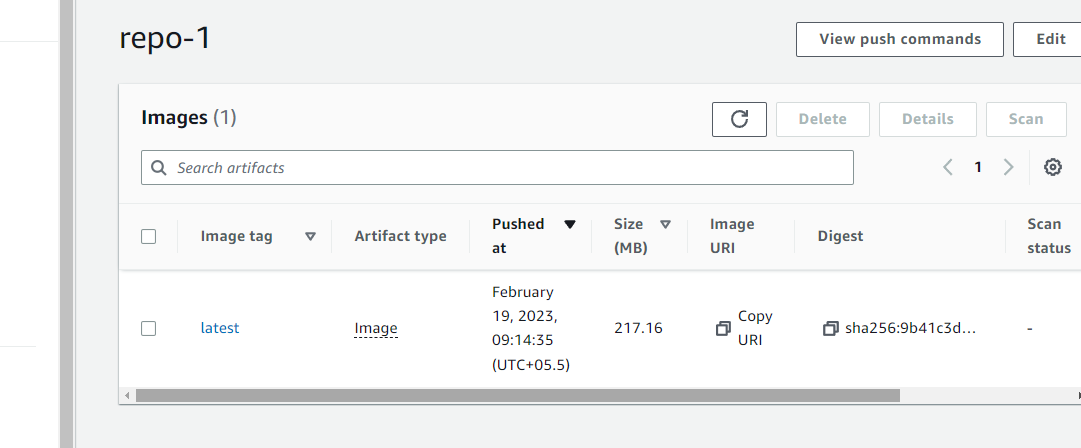


Next push image

#docker push uri

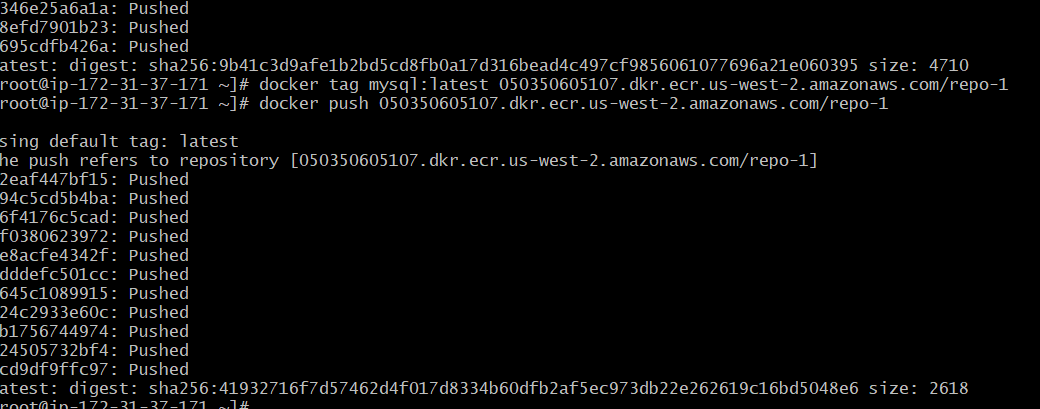


Now refresh repository



We got image just now we pushed

Do it for db image



Now refresh ecr

