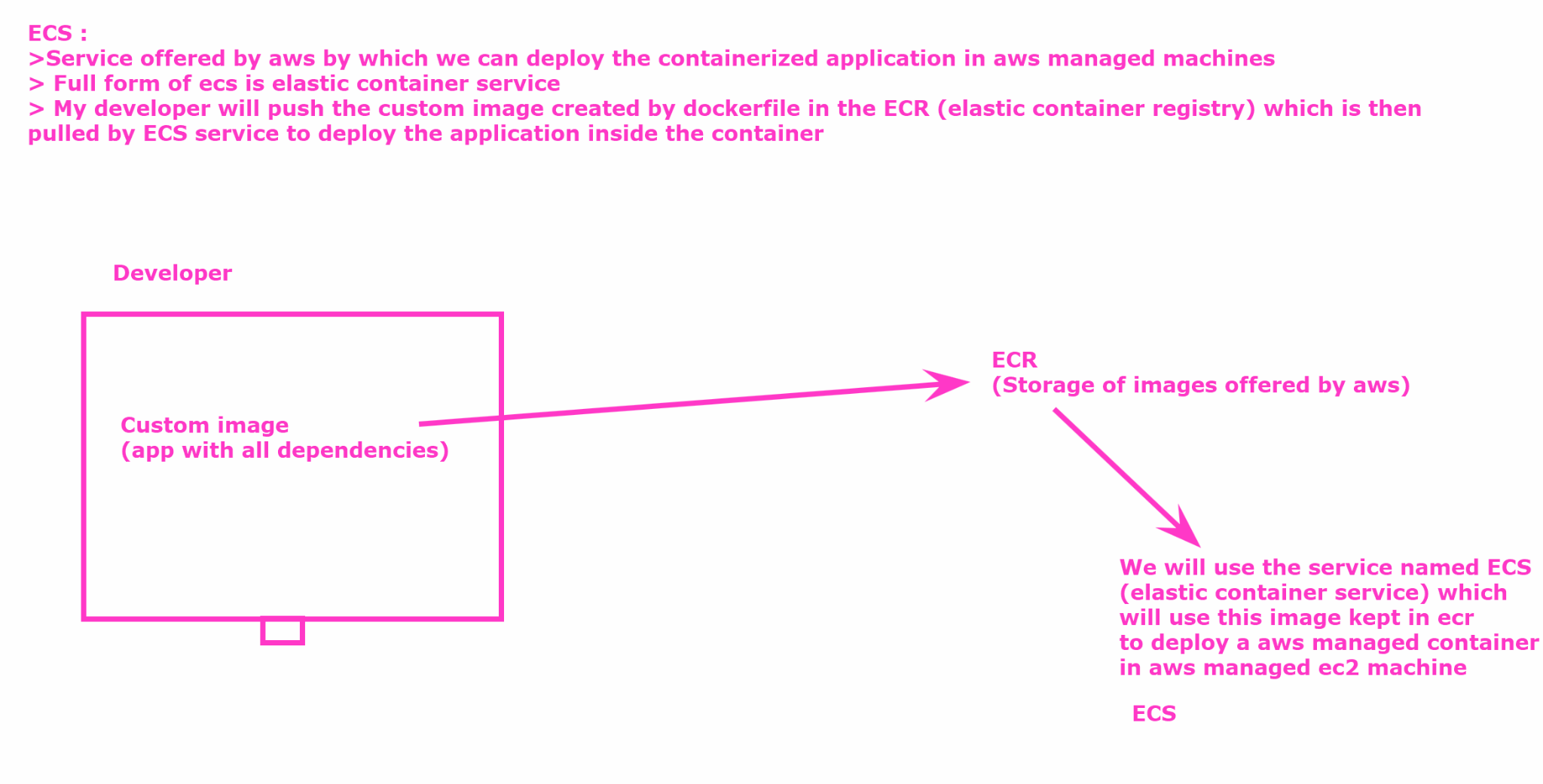
ECS and ECR

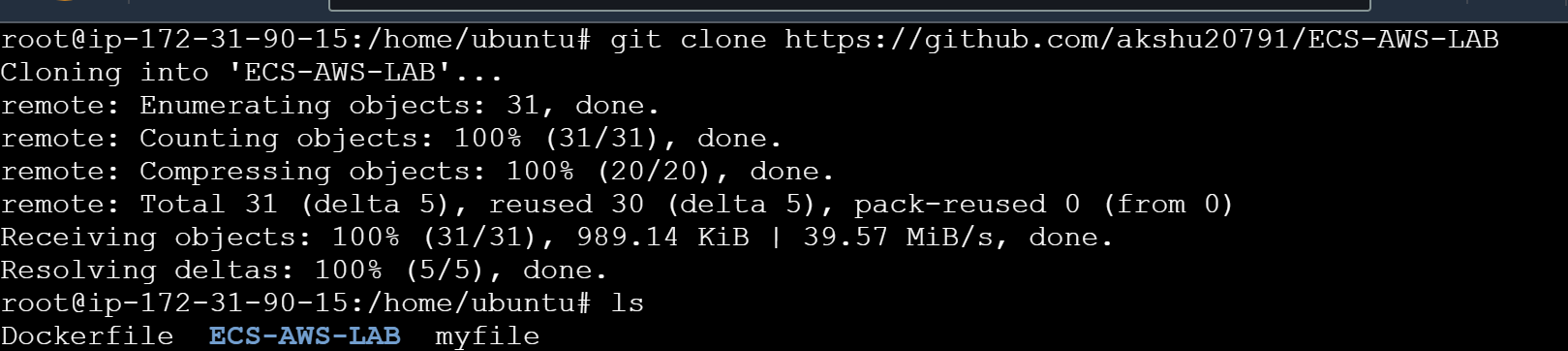


PROJECT : https://github.com/akshu20791/ECS-AWS-LAB

Go in your docker ec2 ubuntu machine

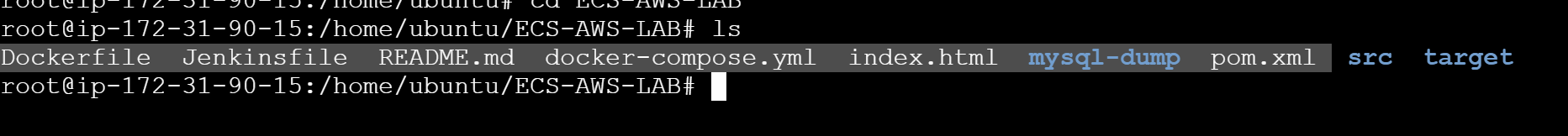
# sudo su

git clone <https://github.com/akshu20791/ECS-AWS-LAB>



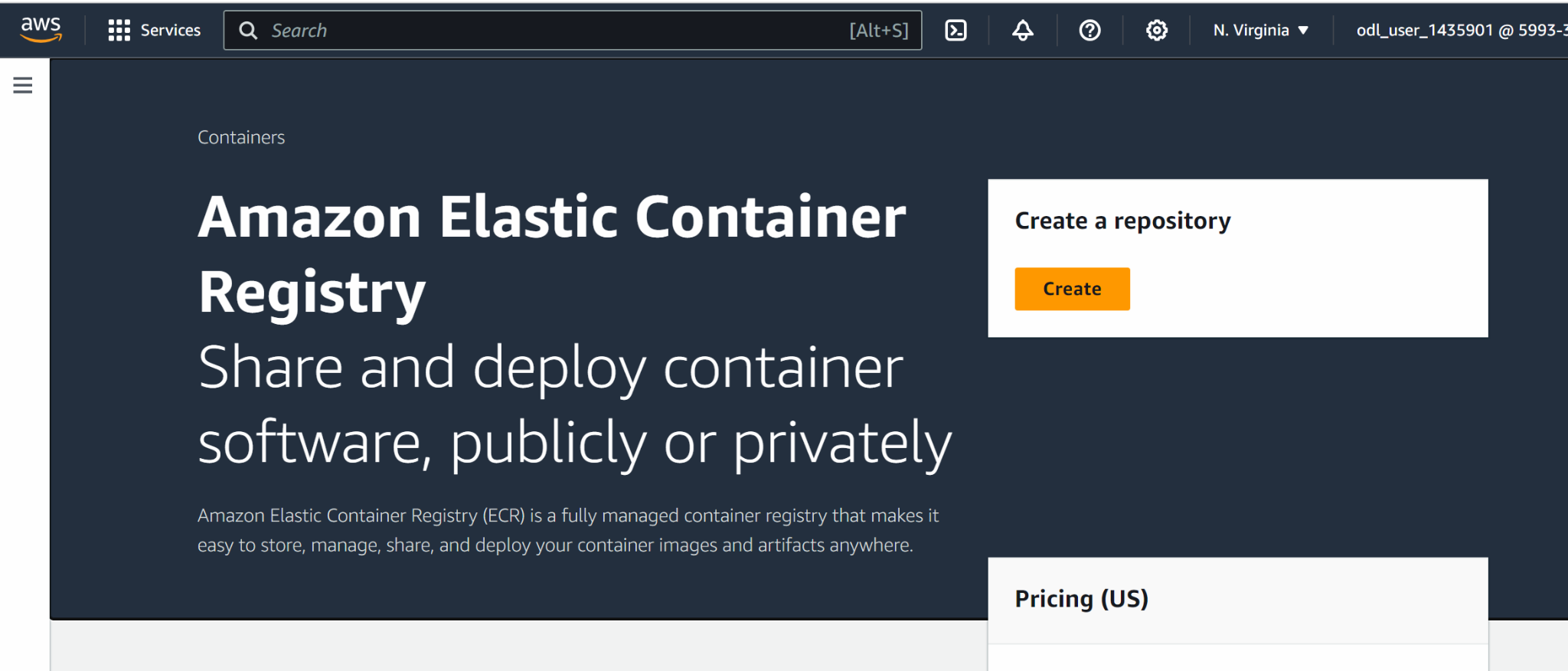
# cd ECS-AWS-LAB (to enter inside the repo which we created)

# ls

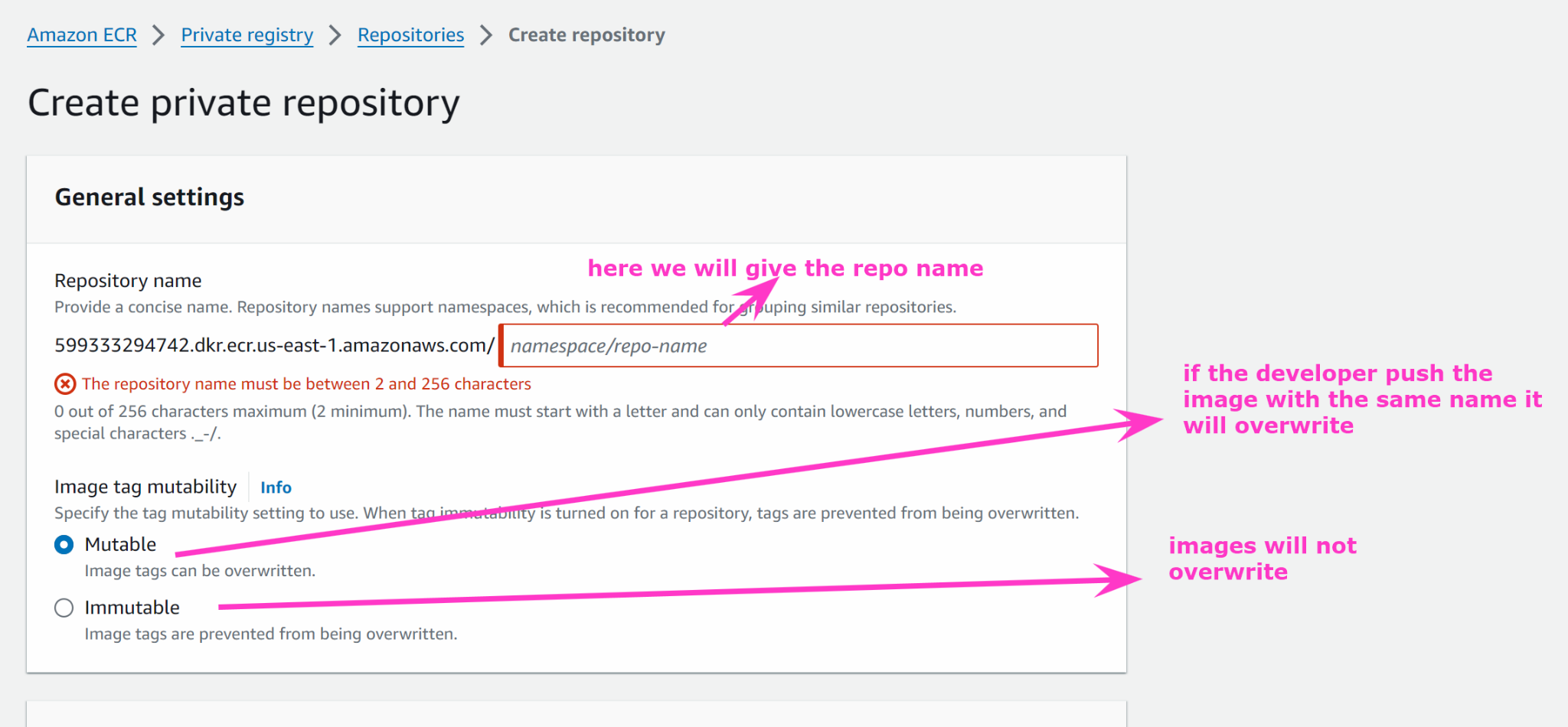


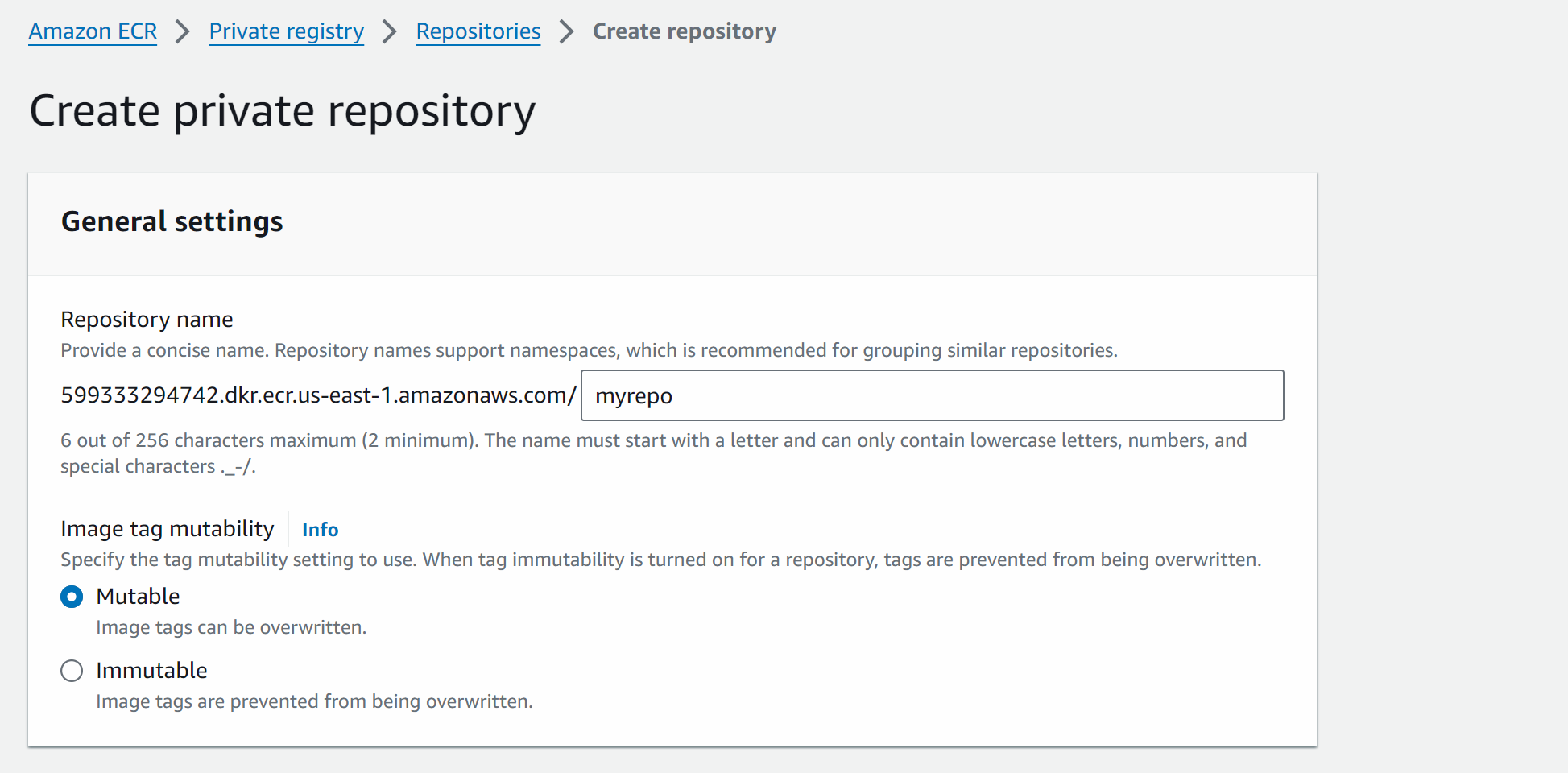
In above all the project file is present

WE WILL NOW CREATE ECR (ELASTIC CONTAINER REGISTRY)

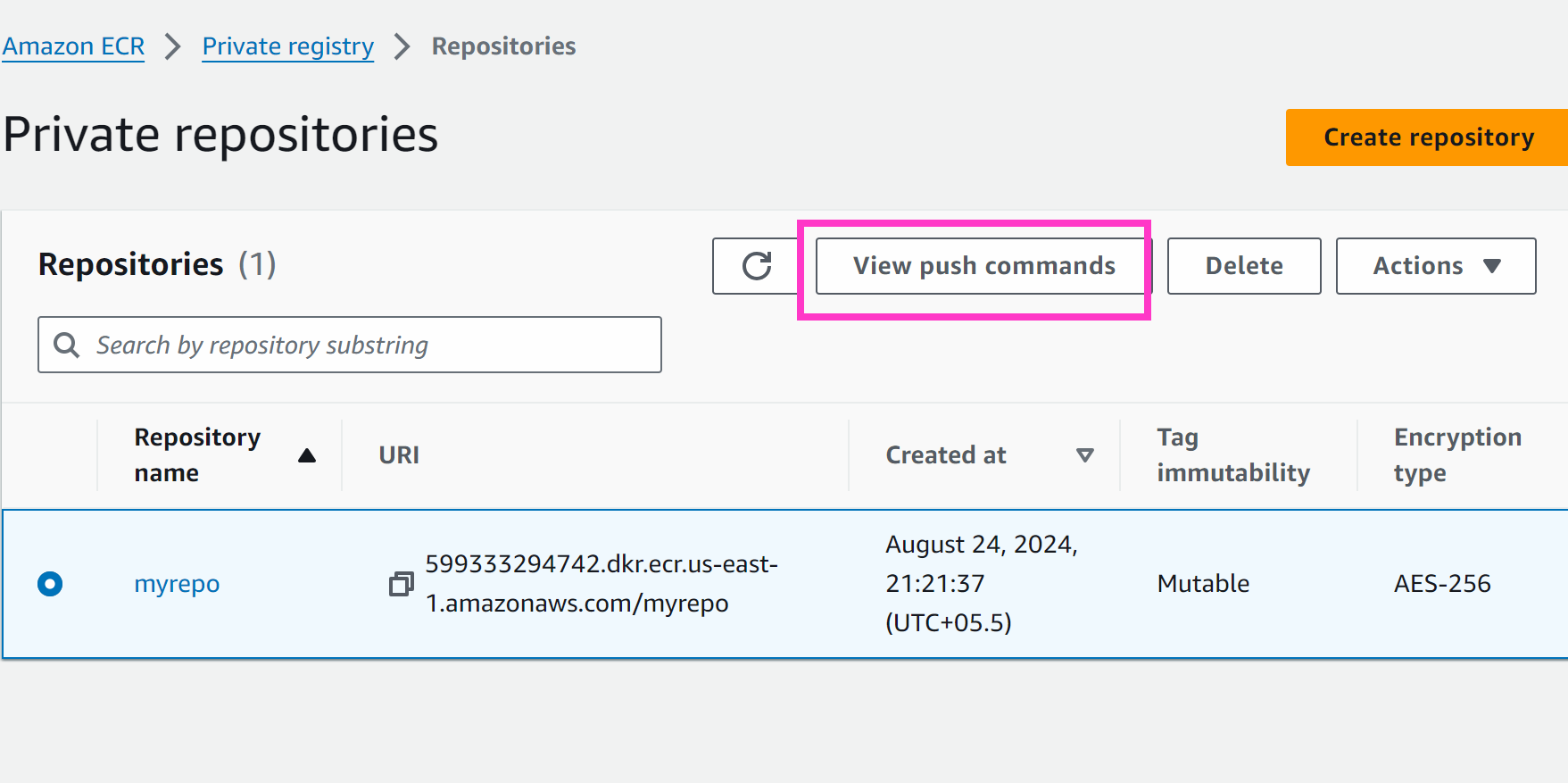


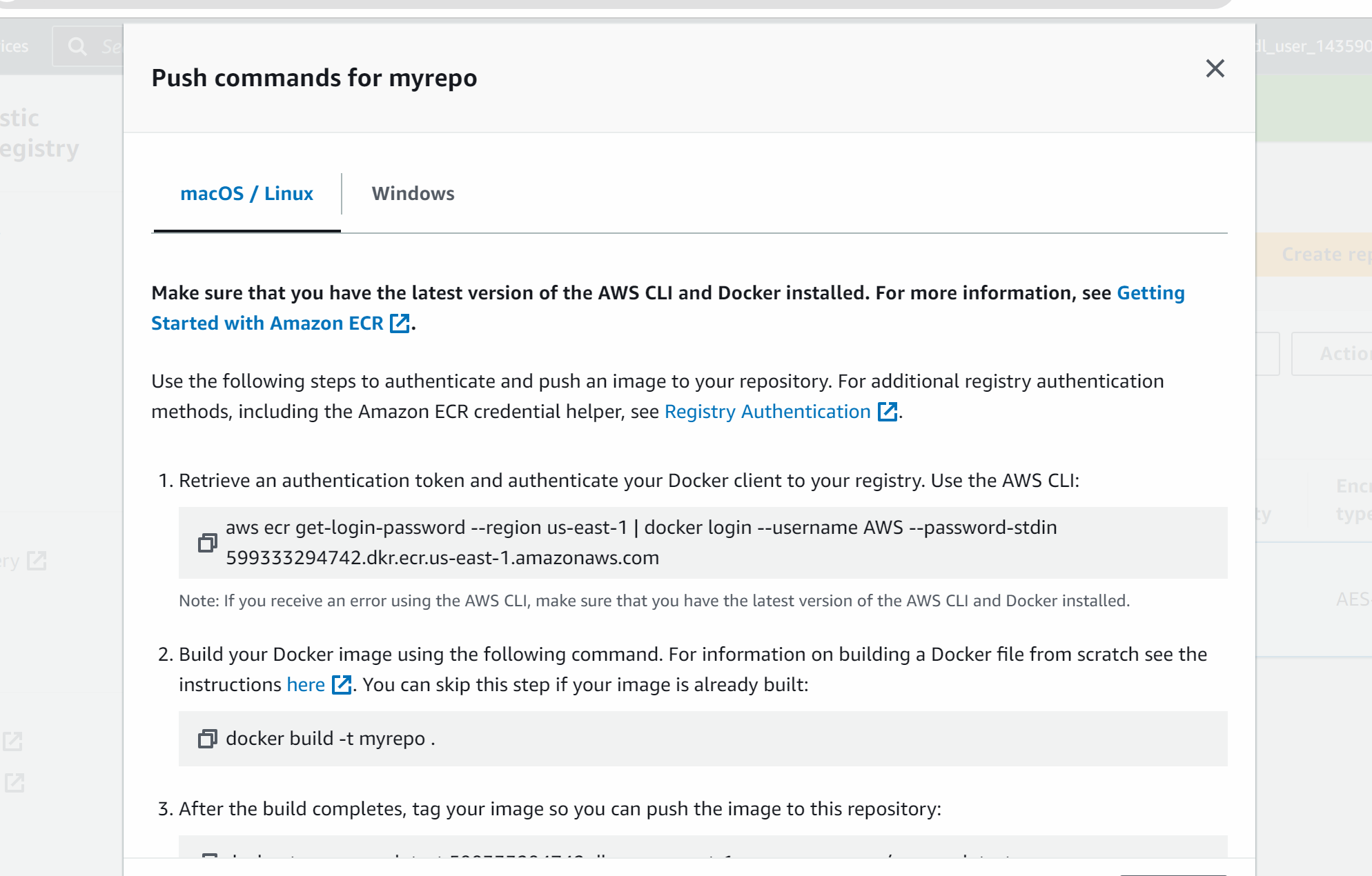
Create





Create

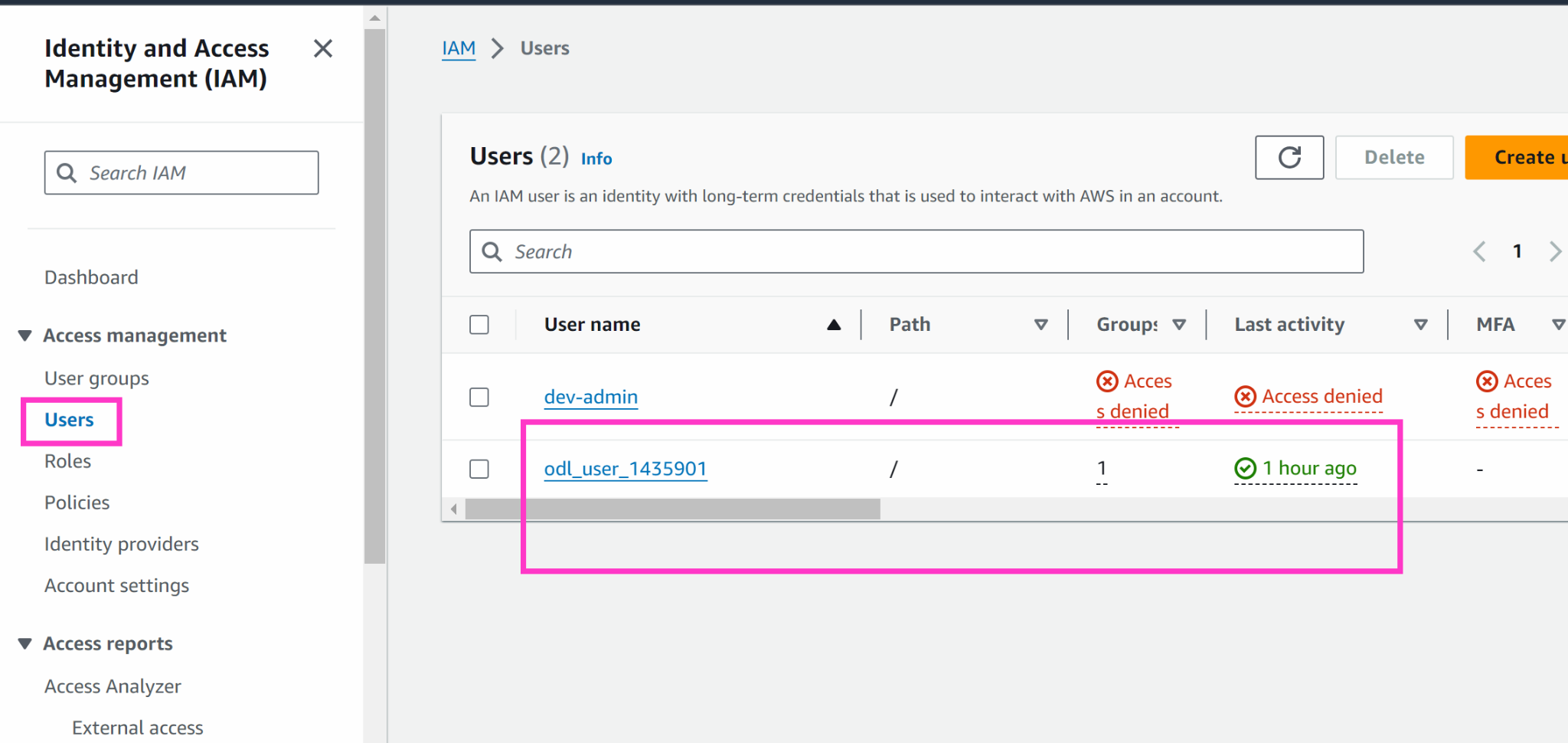


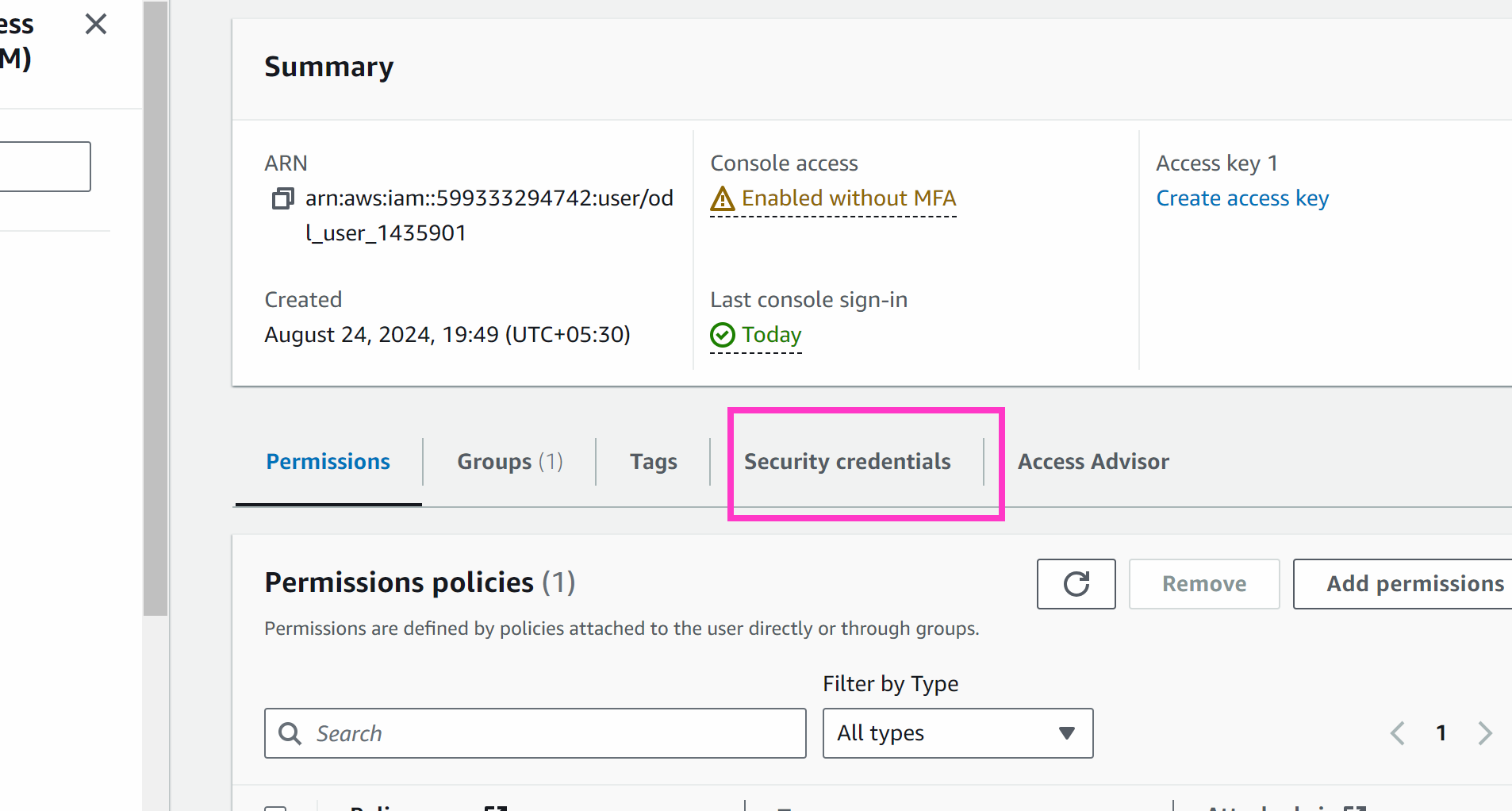


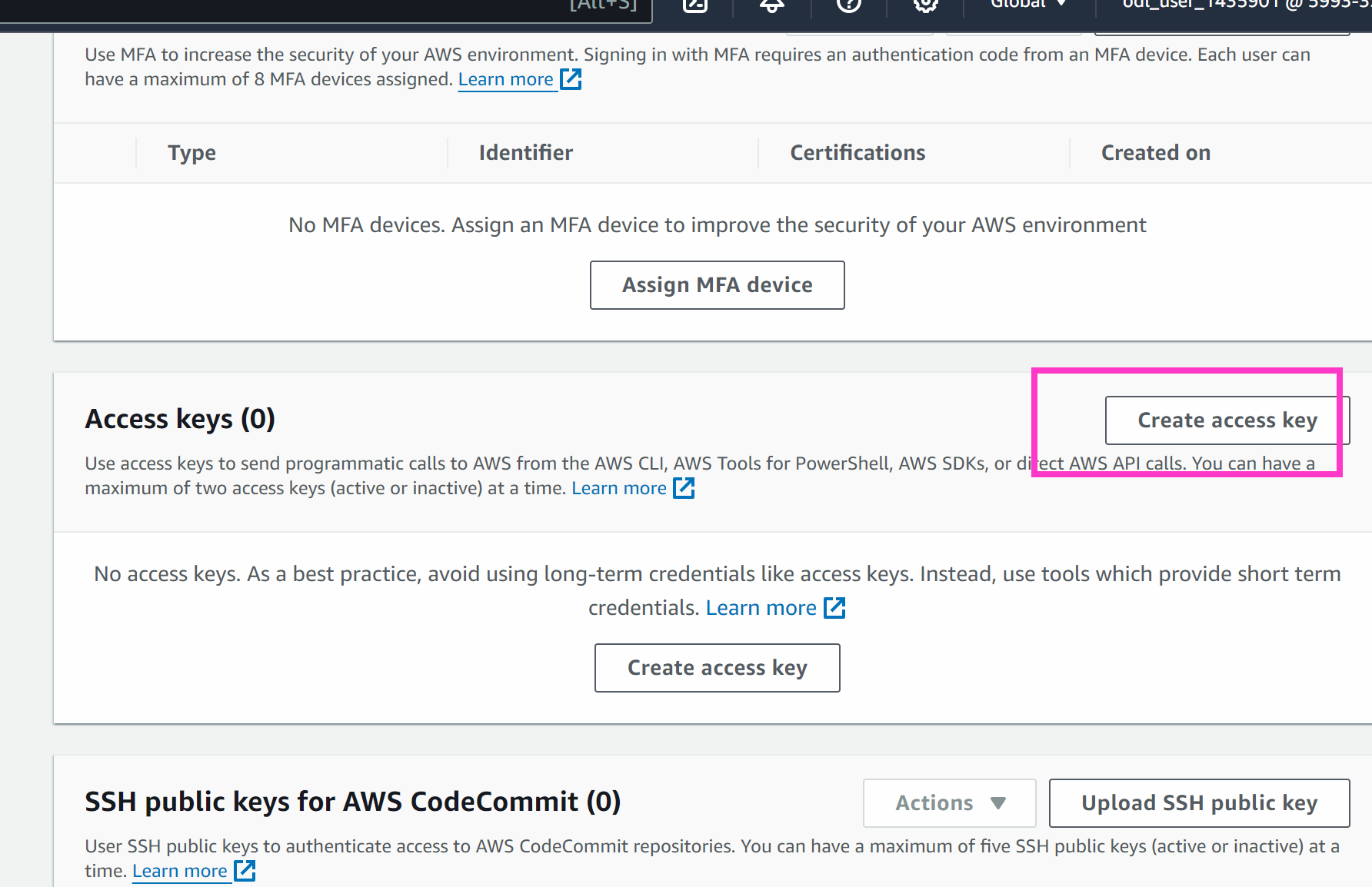
But before entering these commands in the machine we need to use secret key and access secret key to get access of aws account from the machine

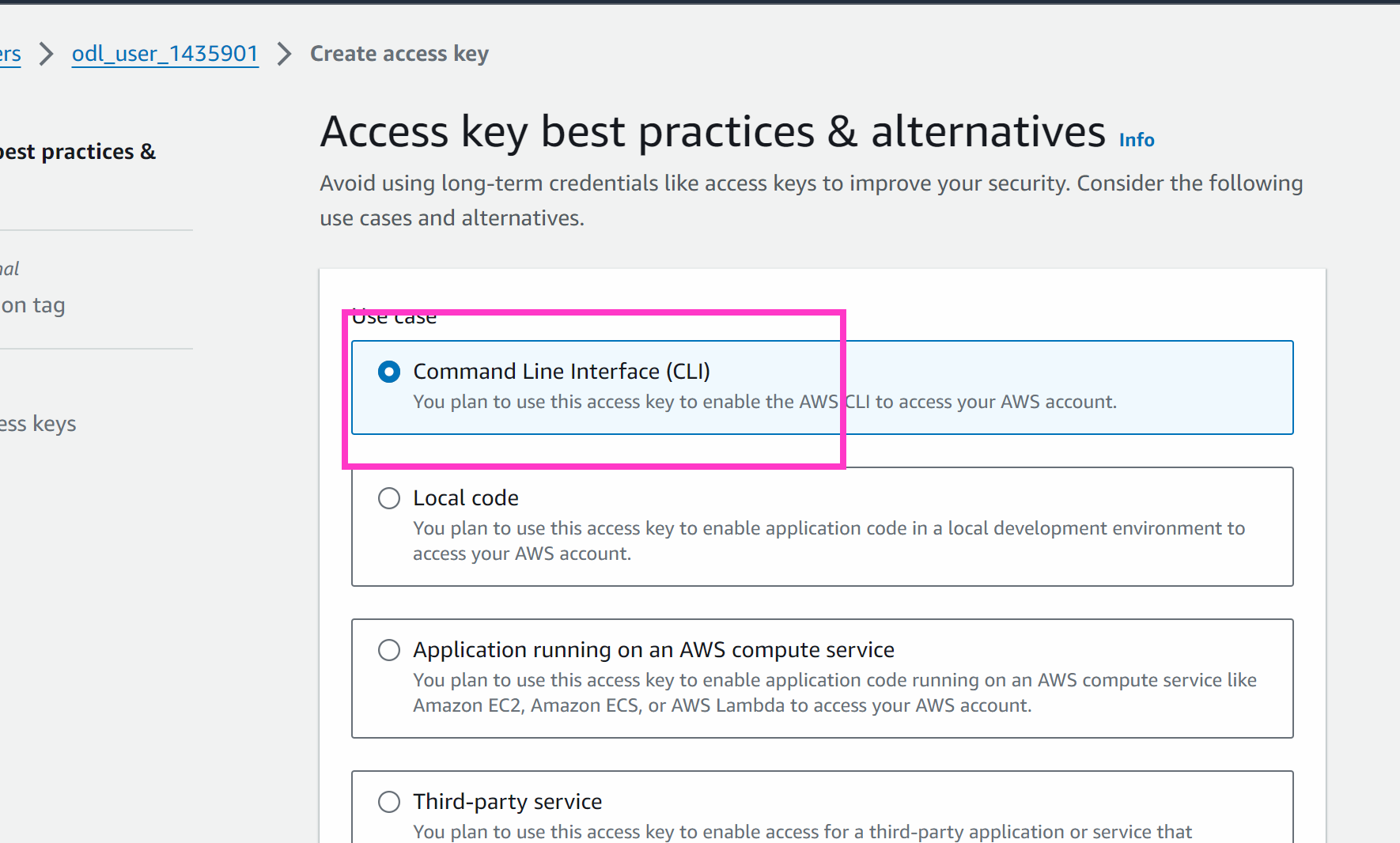
To generate access key and secret access key 👍

Go to iam -> go to user which is already created for you



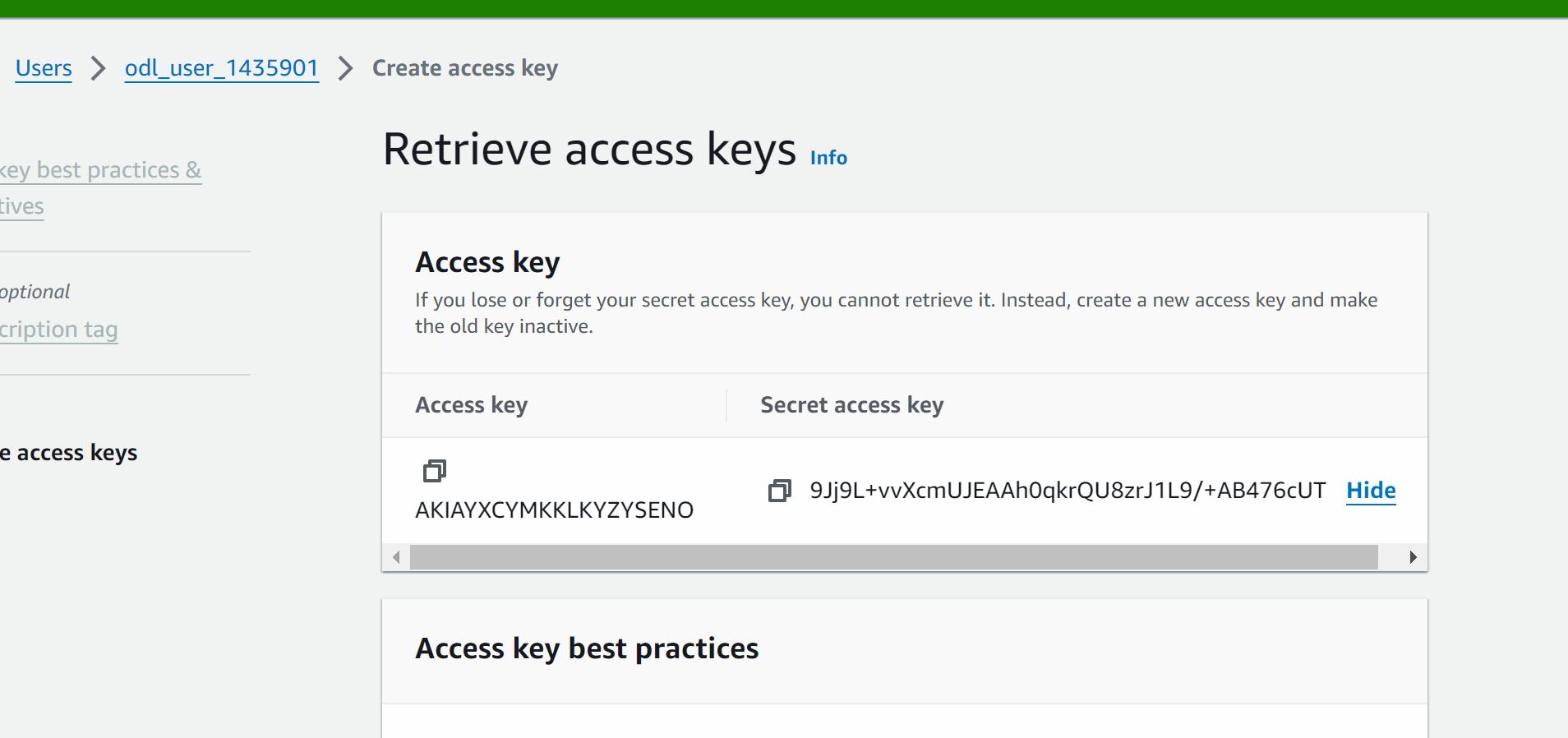






Next

Create access keys



Now copy the access key

Go to your ec2 machine

curl "https://awscli.amazonaws.com/awscli-exe-linux-x86\_64.zip" -o "awscliv2.zip"

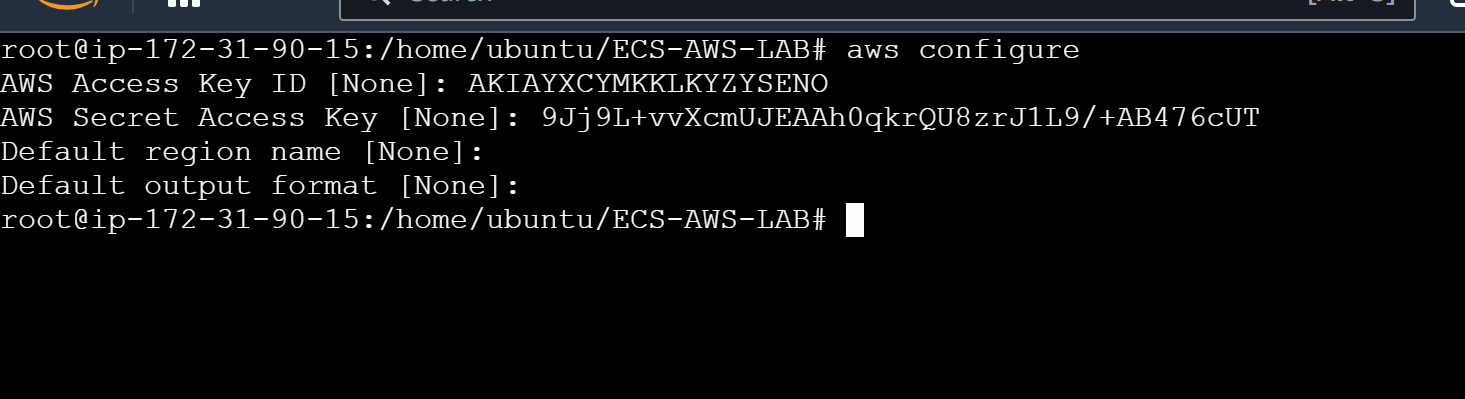
apt install unzip -y

unzip awscliv2.zip

sudo ./aws/install

aws configure

# it will ask for accesskey and secret access key which we can copy

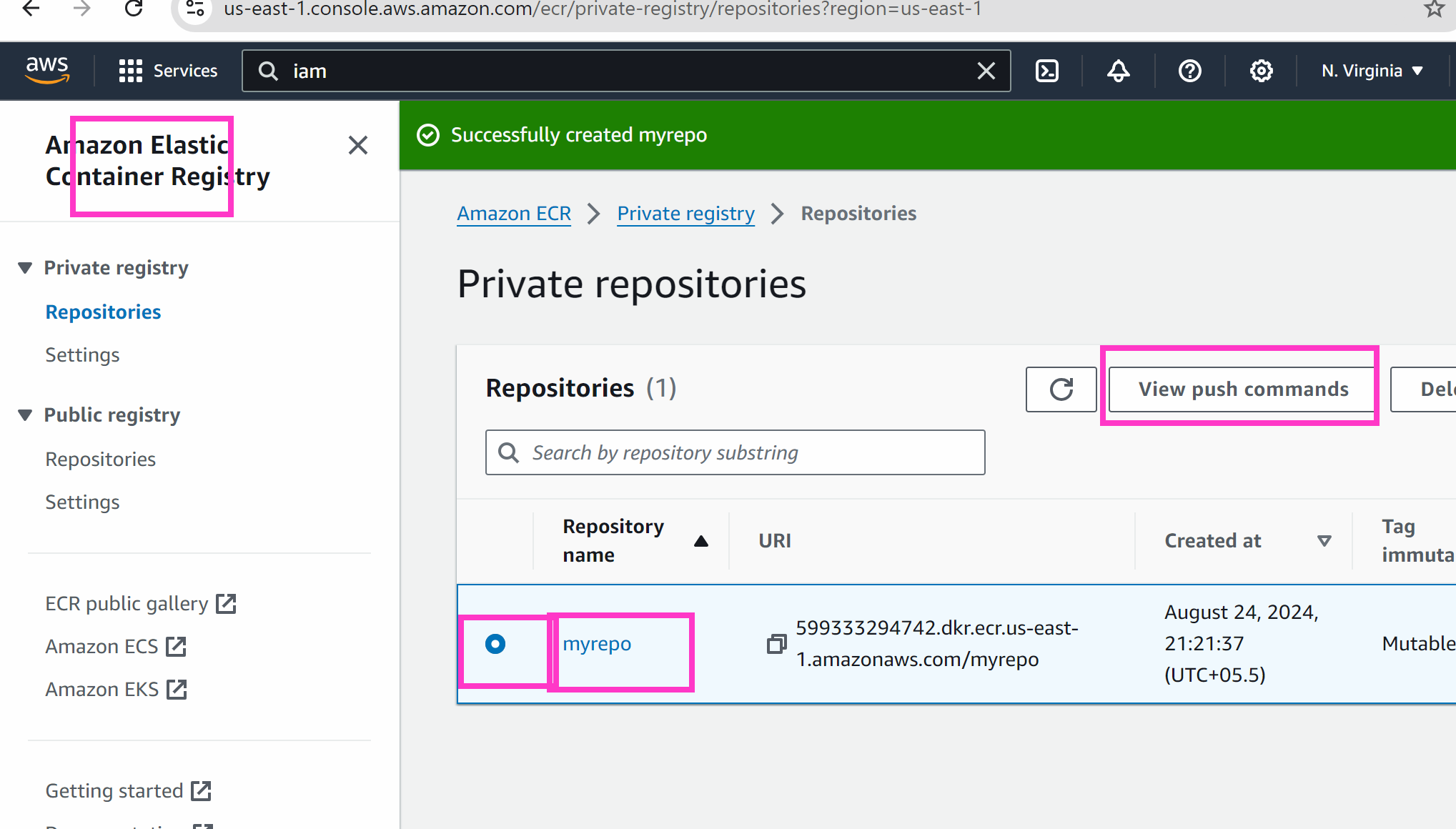


Installing docker

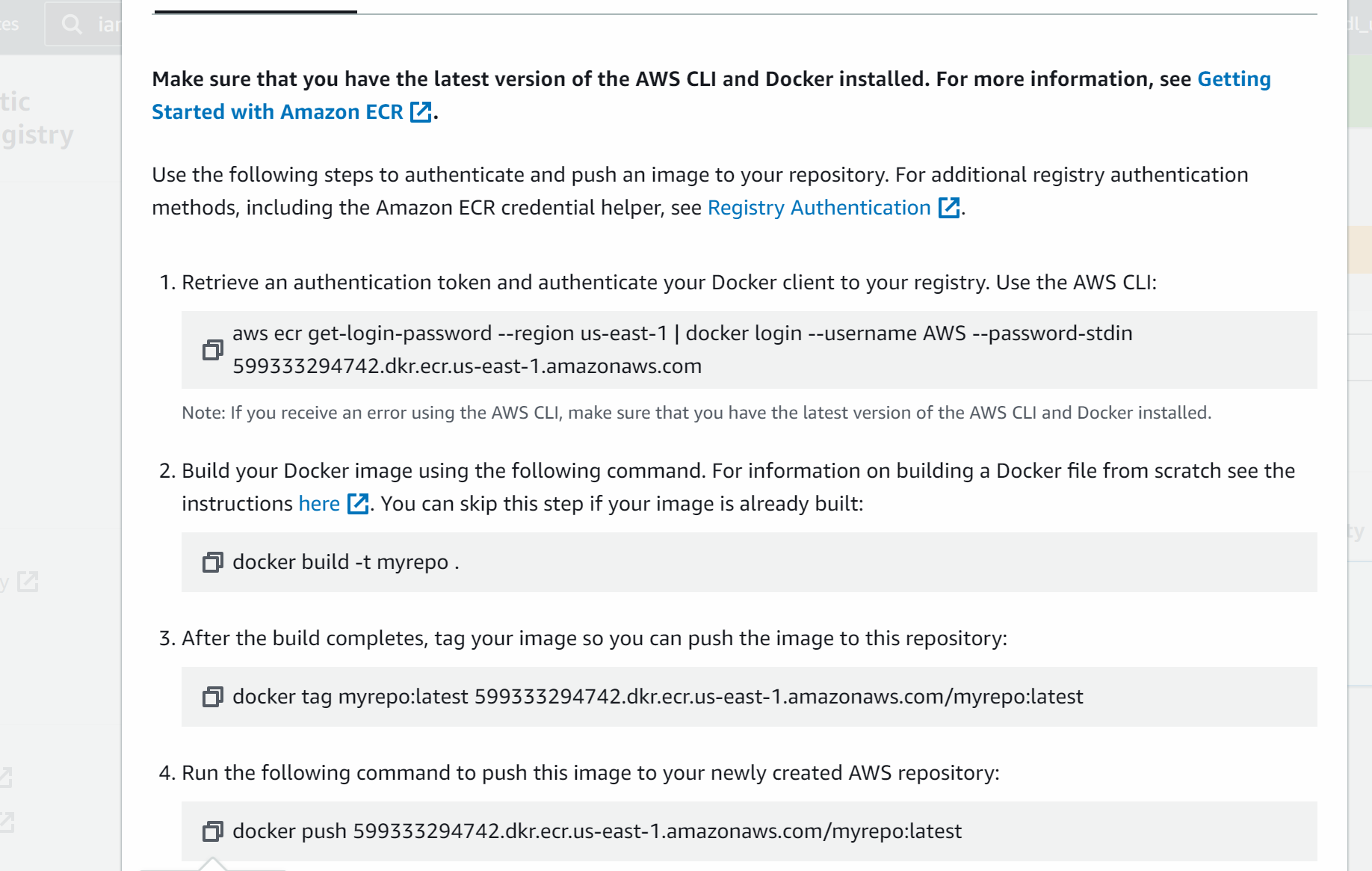
# apt update

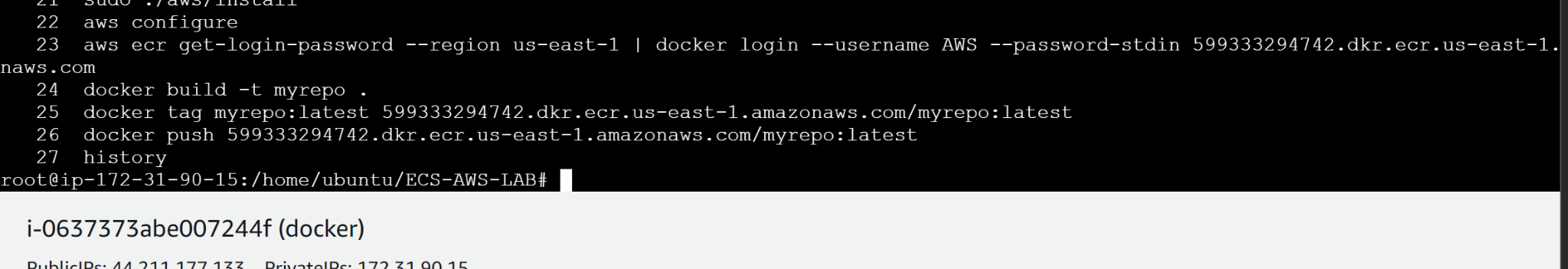
# apt install docker.io -y

Now we will go to ECR

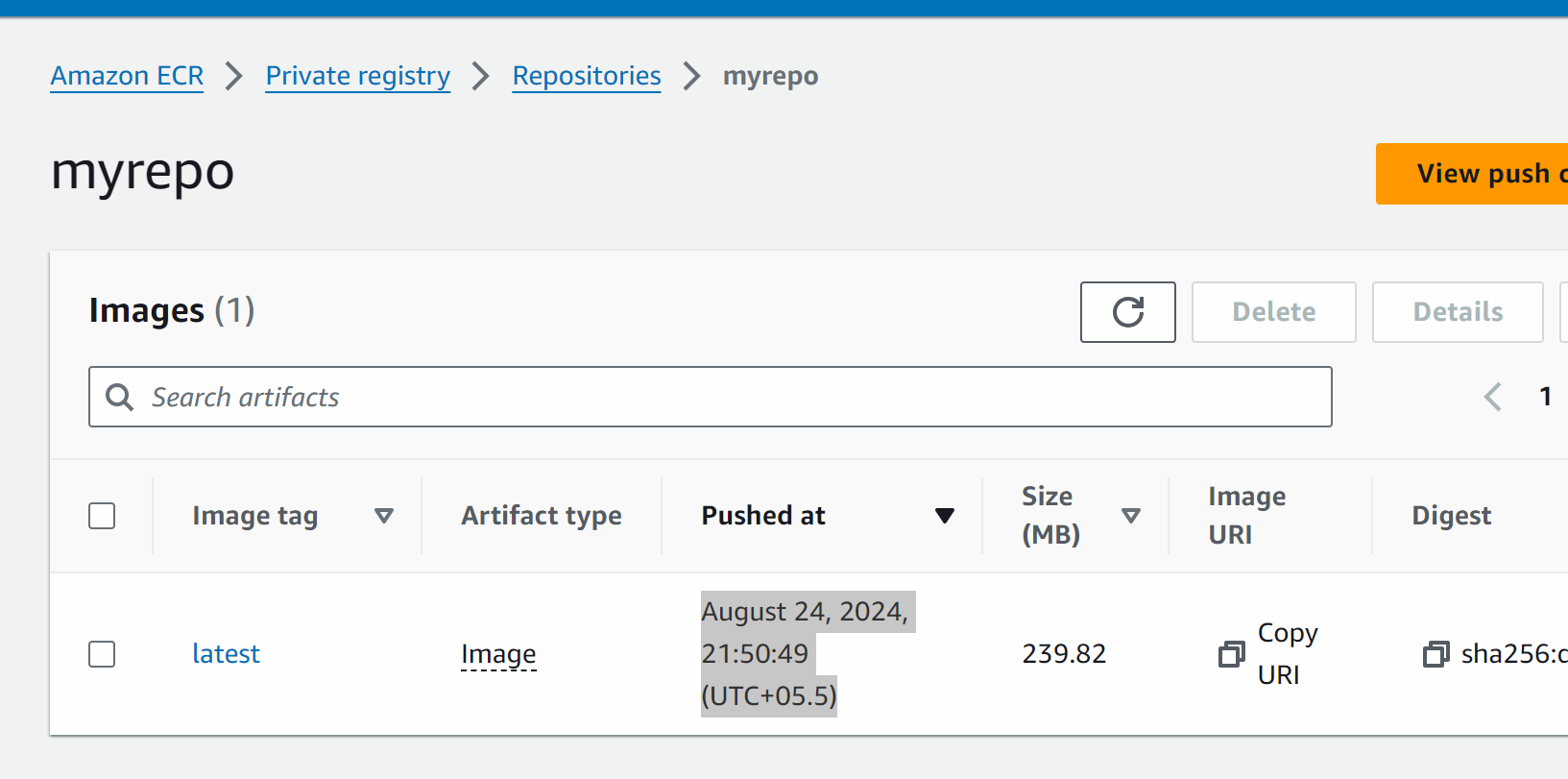


Copy the below commands one by one in your machine

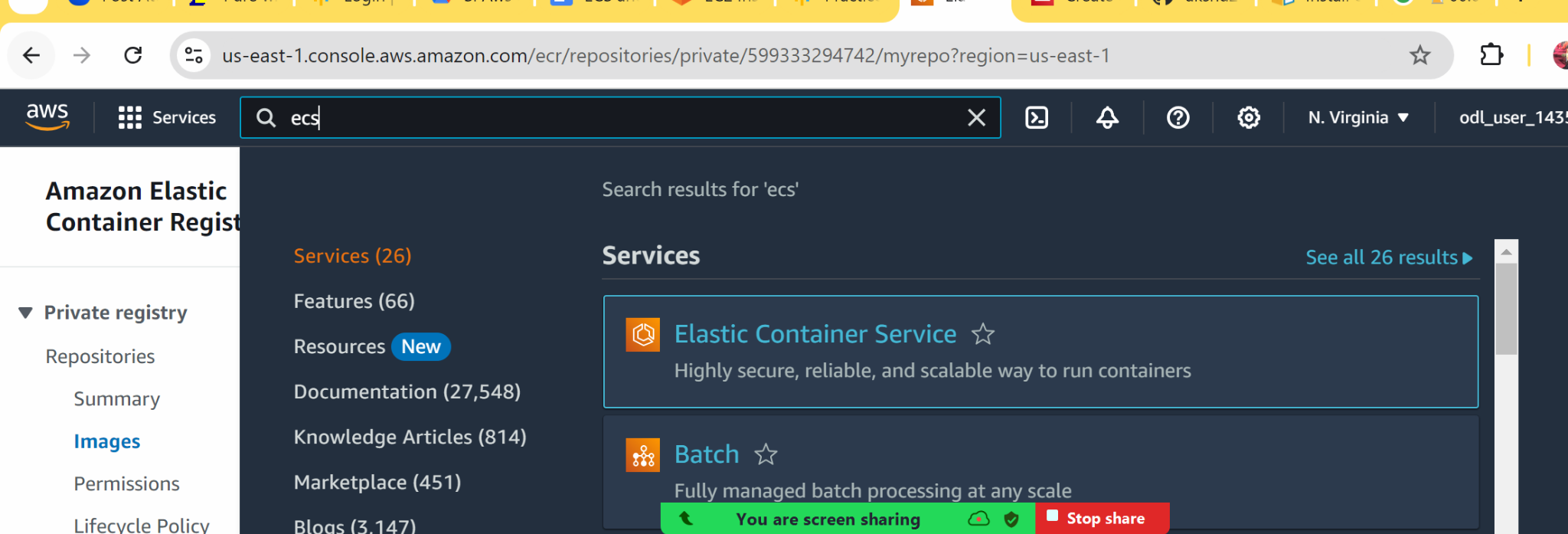


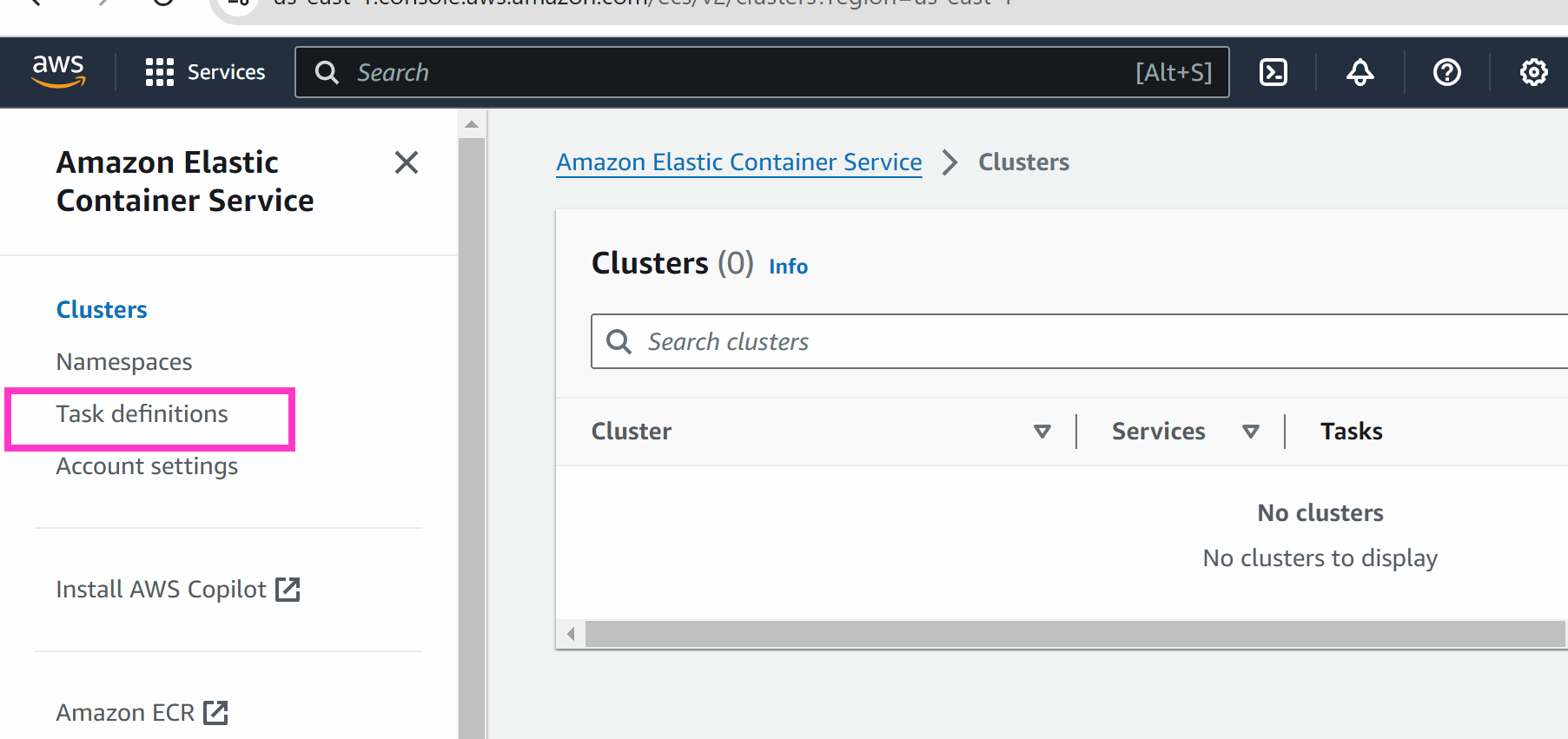


###############



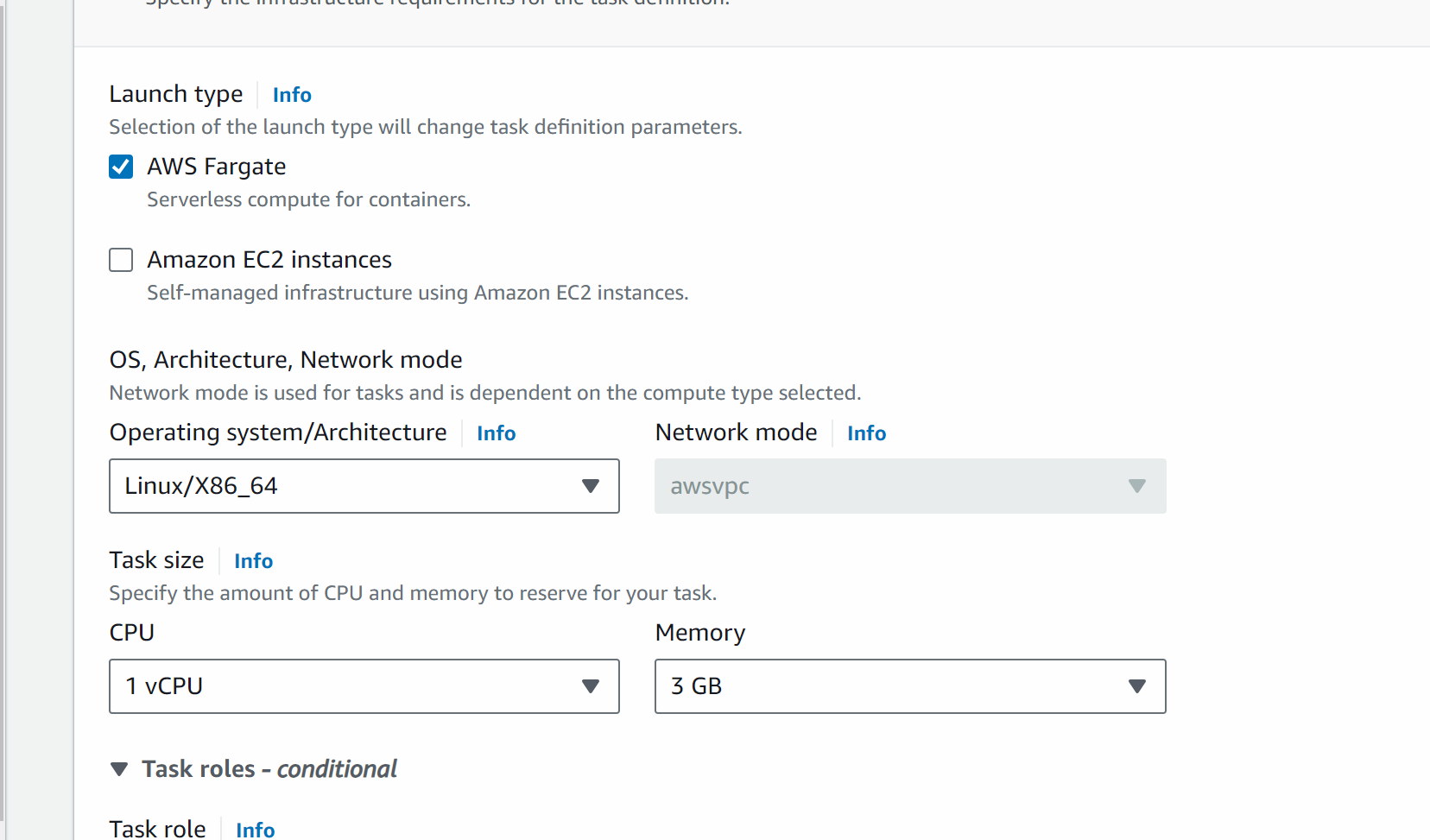
We have pushed the image on ecr which should be used by ecs to create a continainer with custom image

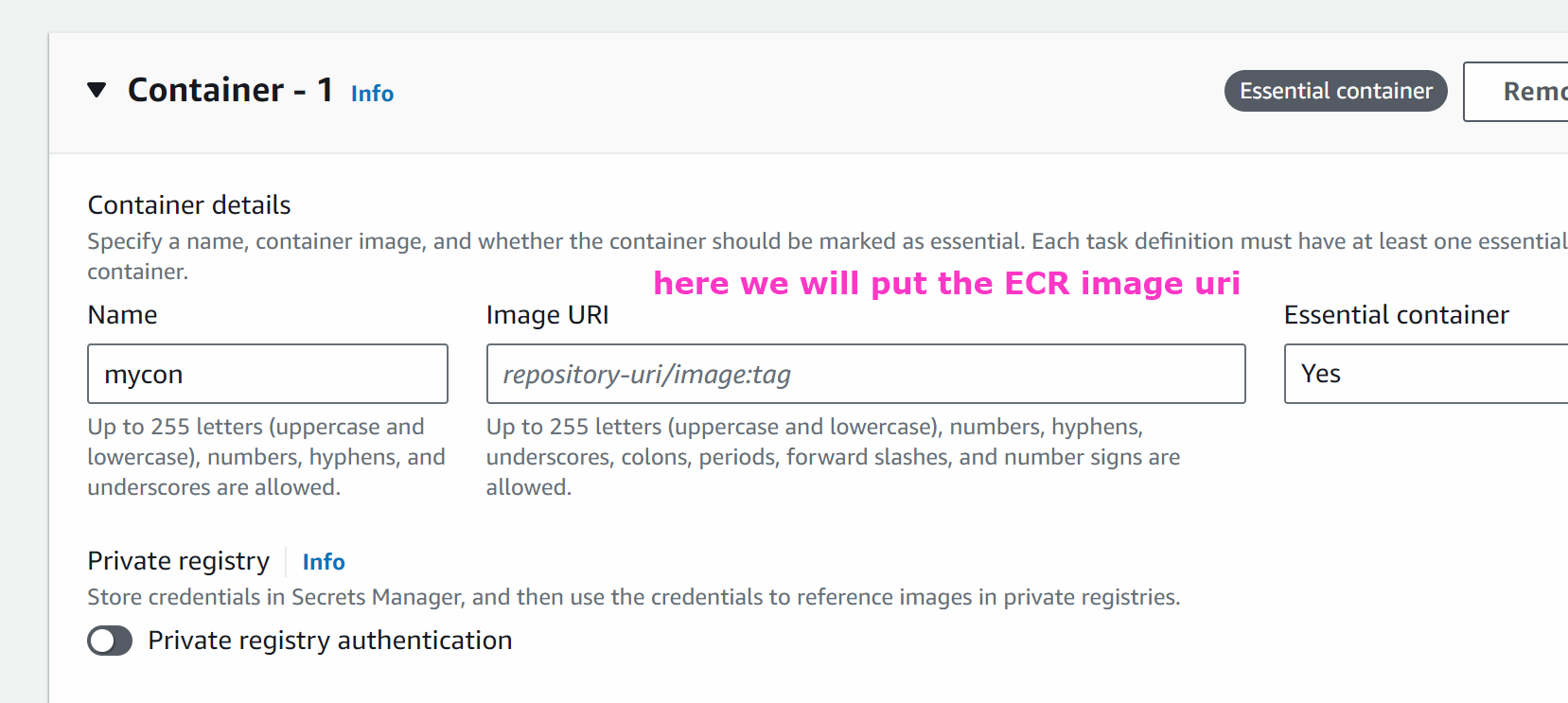




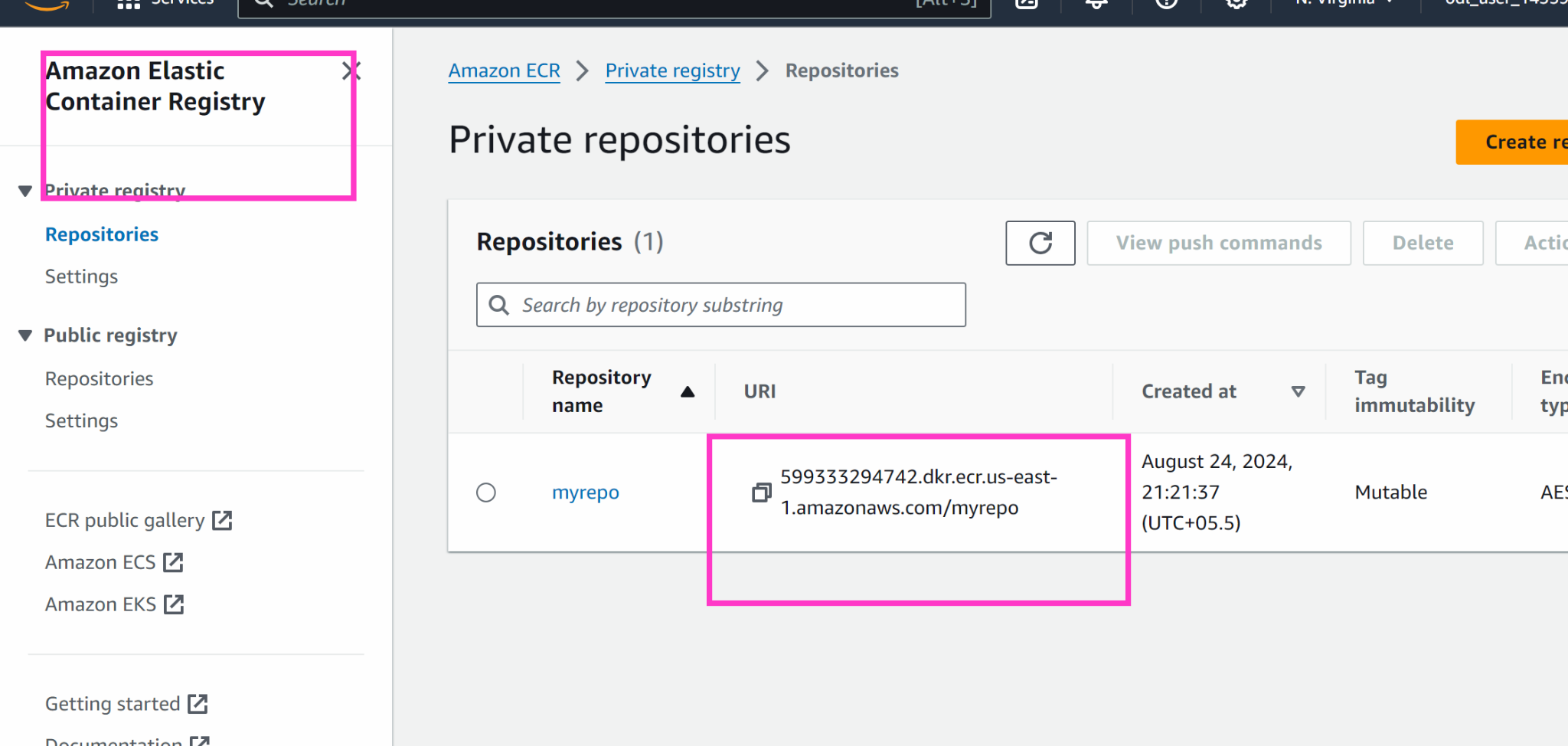
Create a new task definition





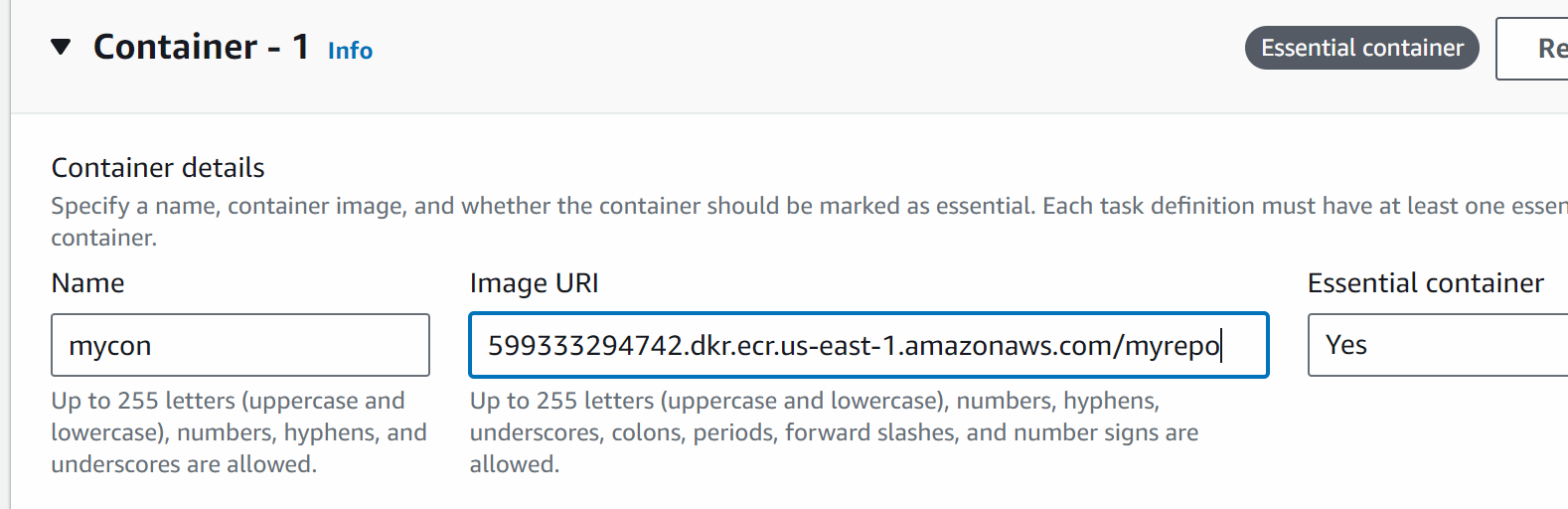


Open ecr in new tab and copy the image

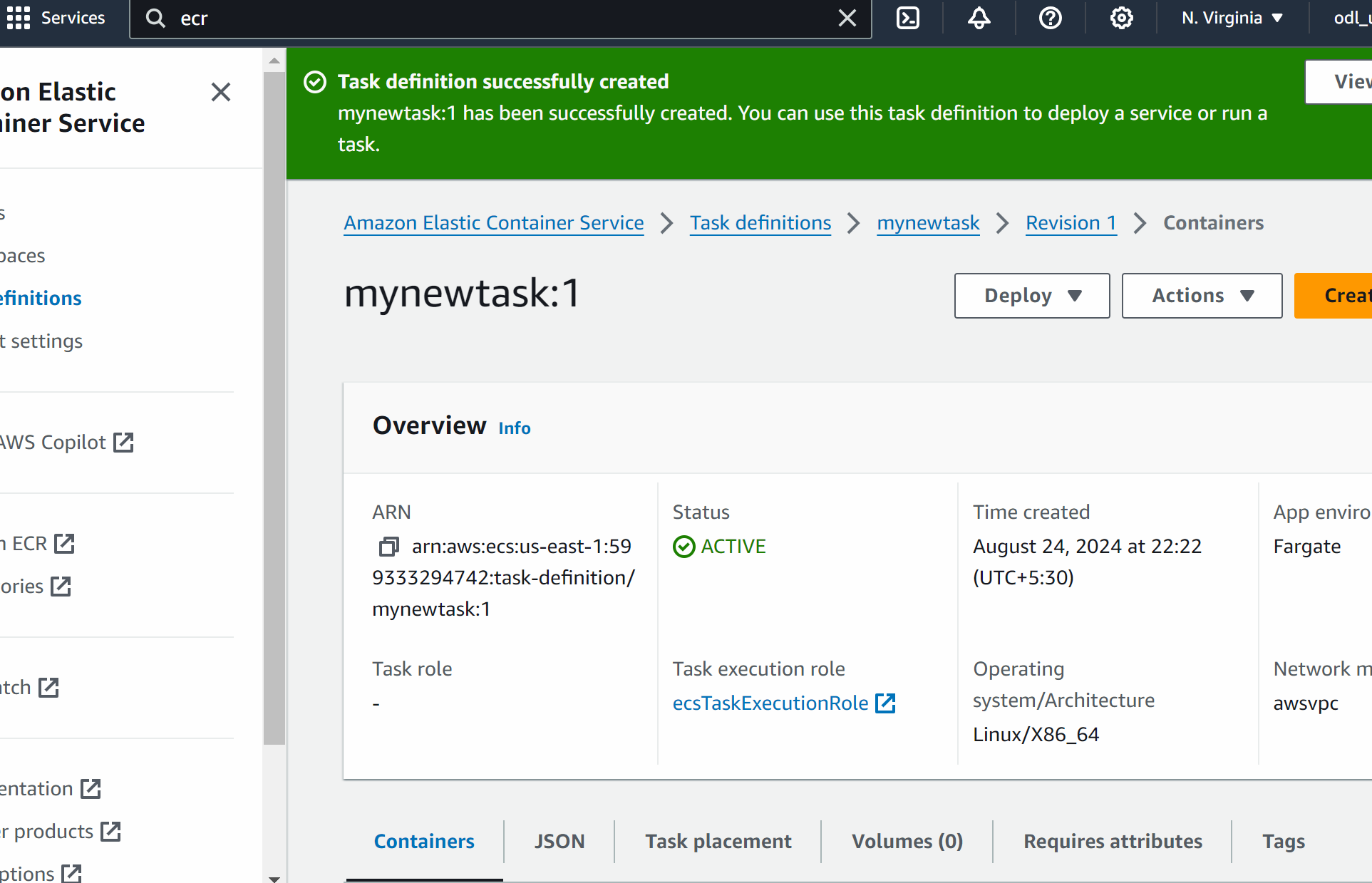


Go back to ecs task definition

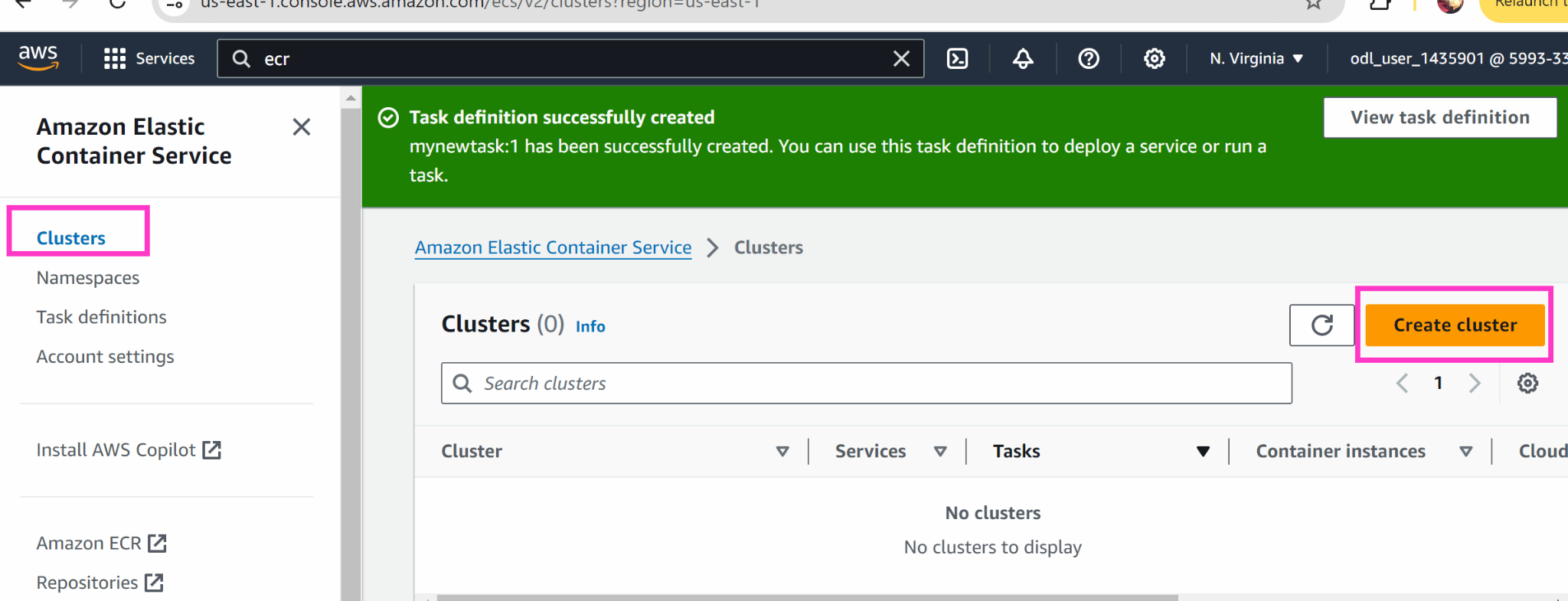
And paste the image uri

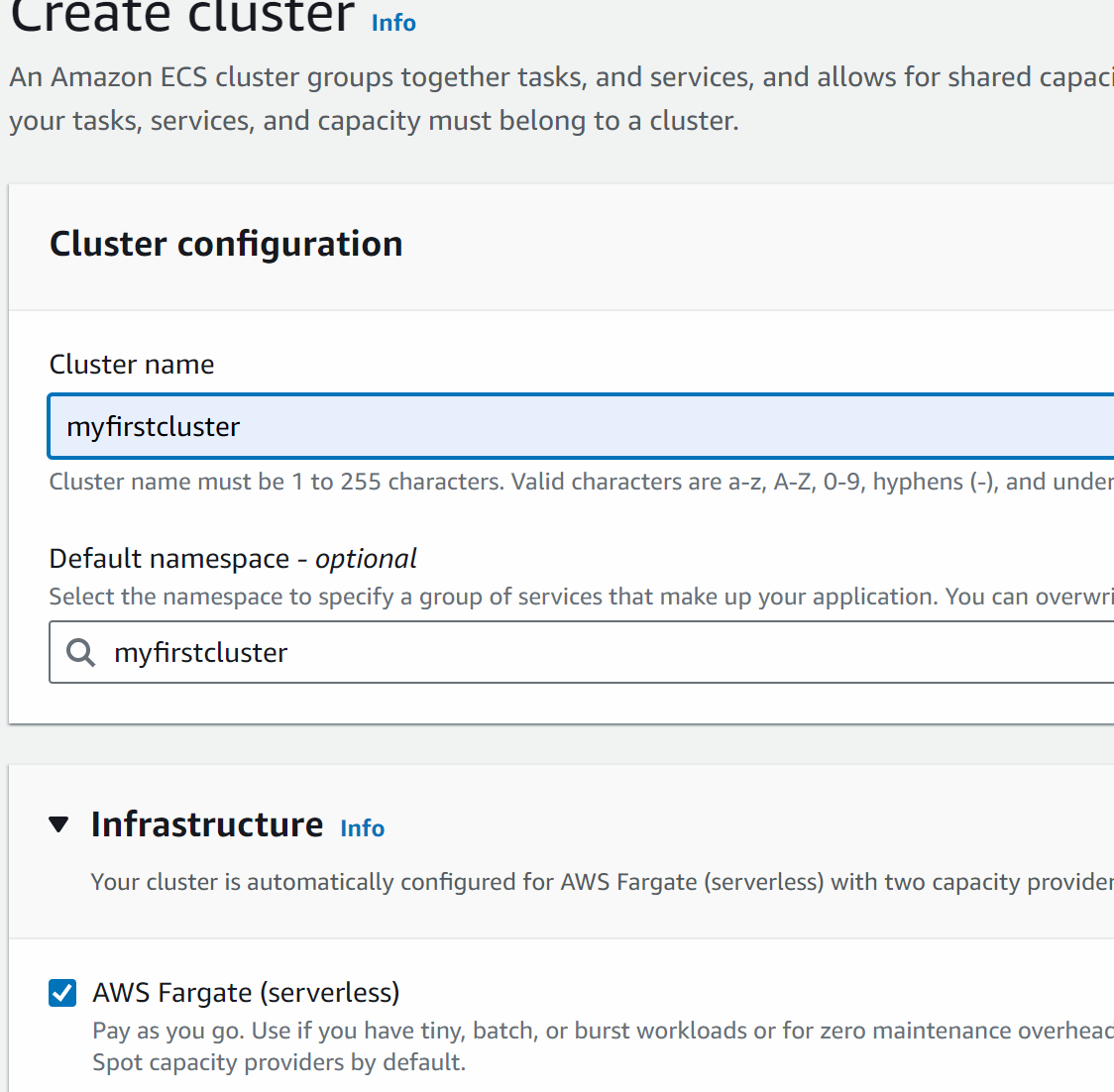


Scroll down and create task definition



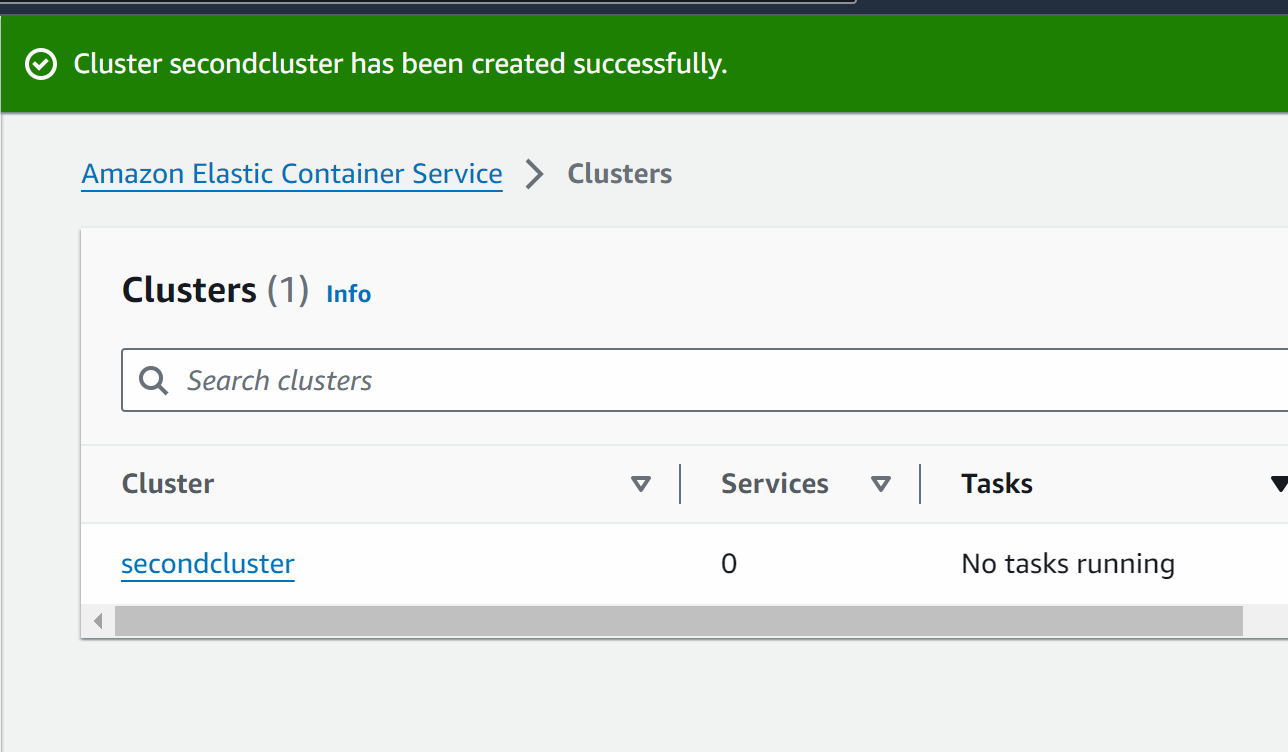
#### Now we will do and create the ECS cluster

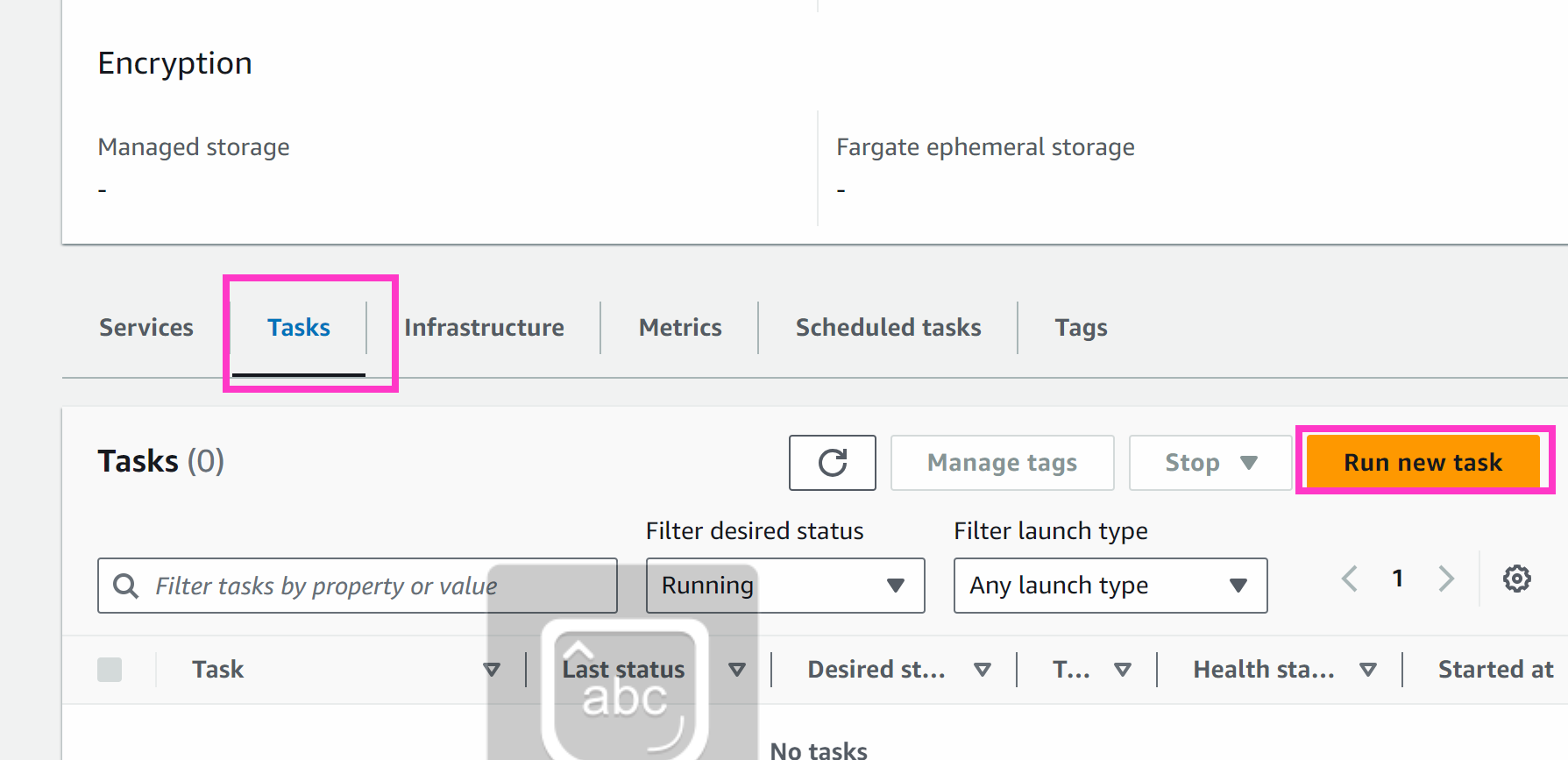




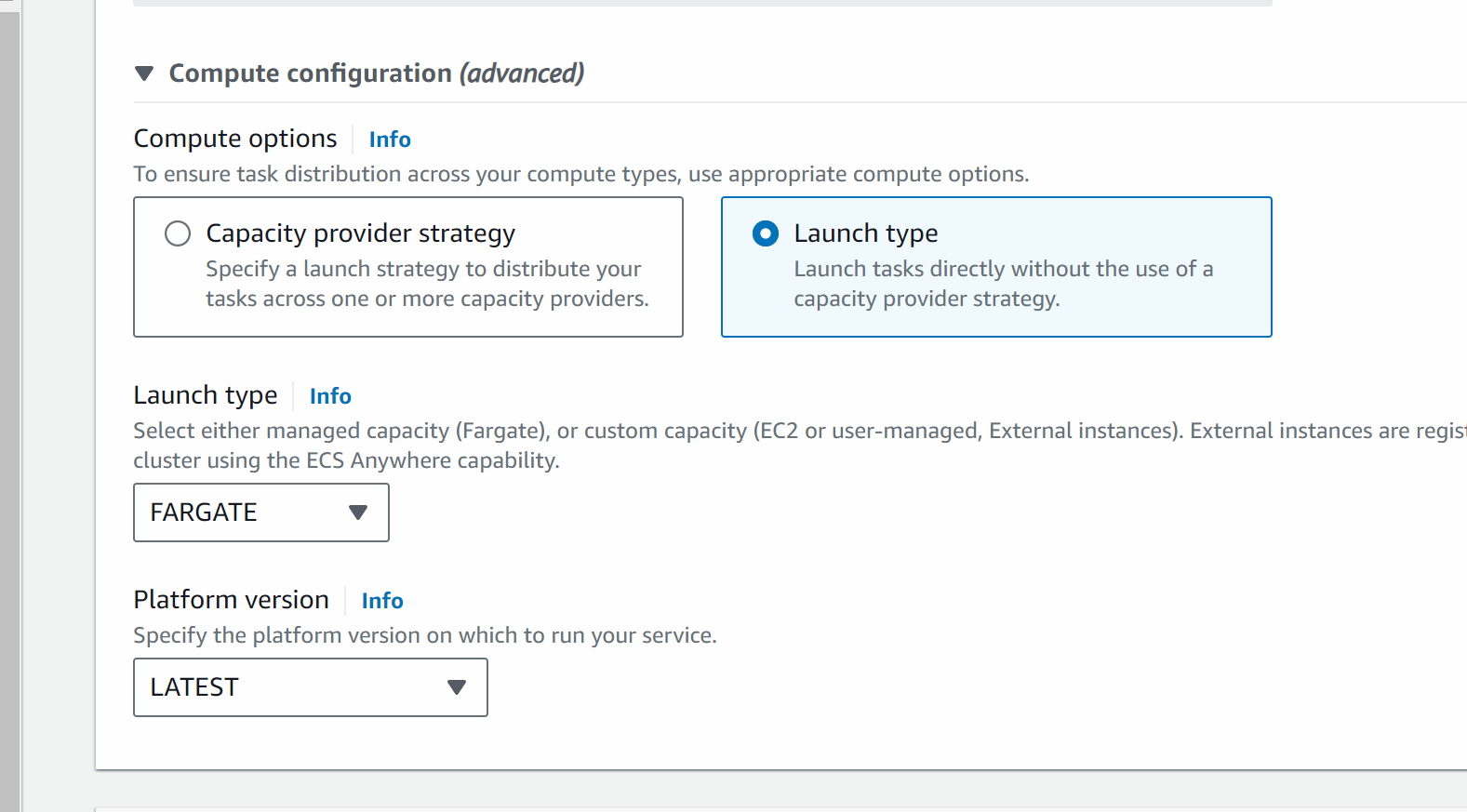
Create

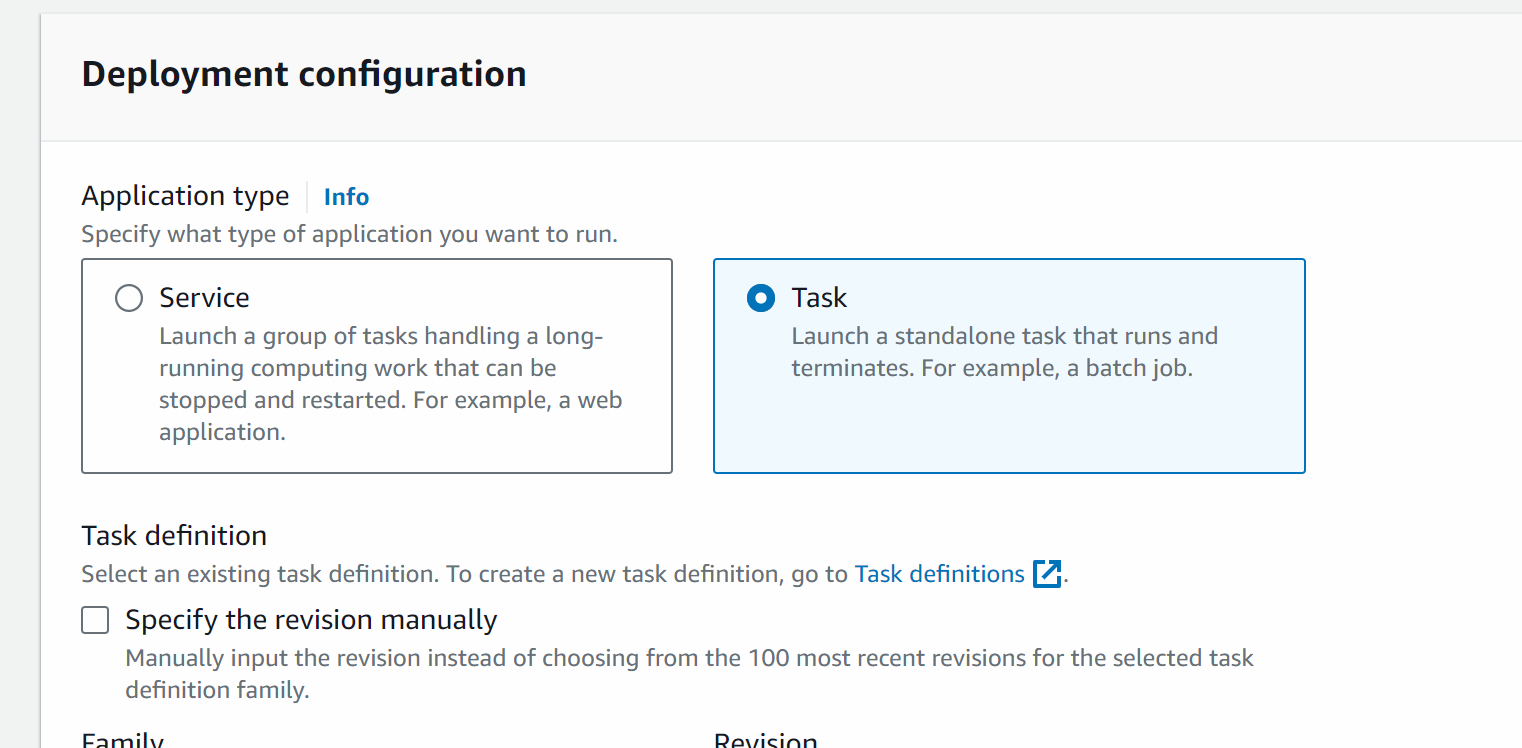
# if error comes up create cluster again with different name

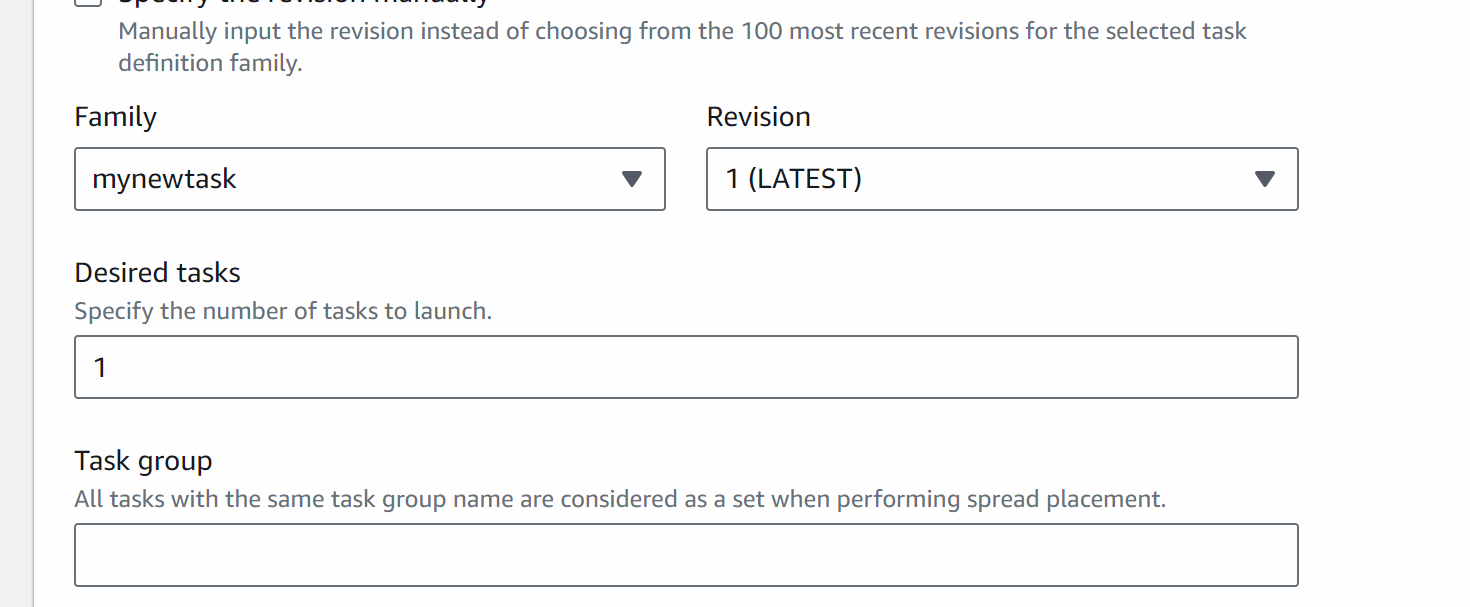




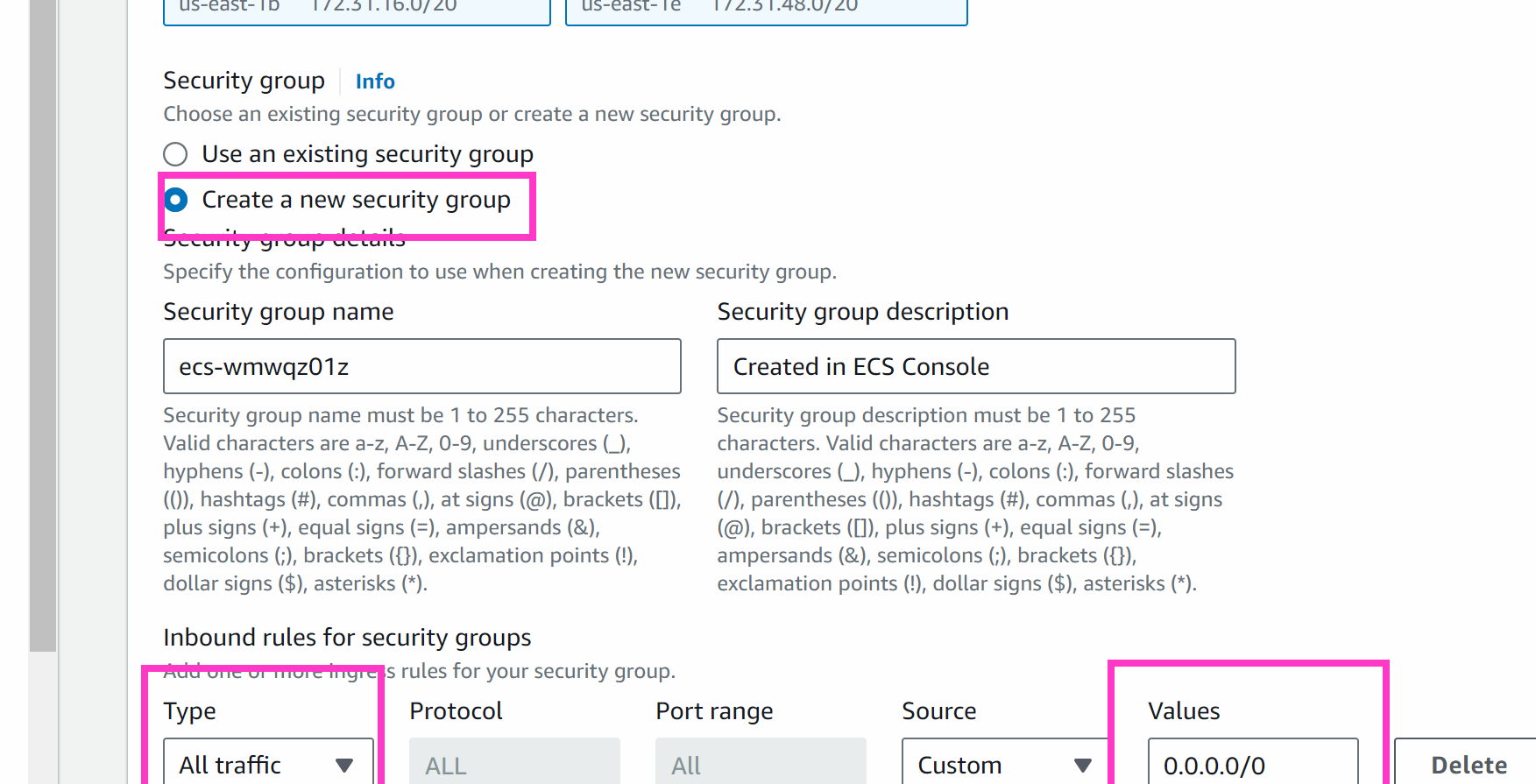
Task : inside infra we want to deploy the container



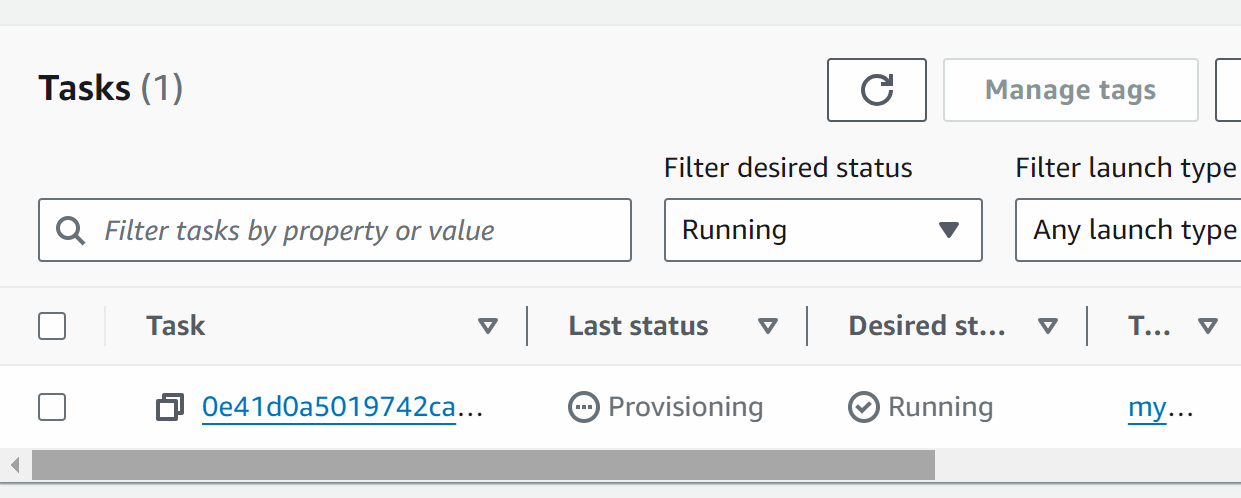


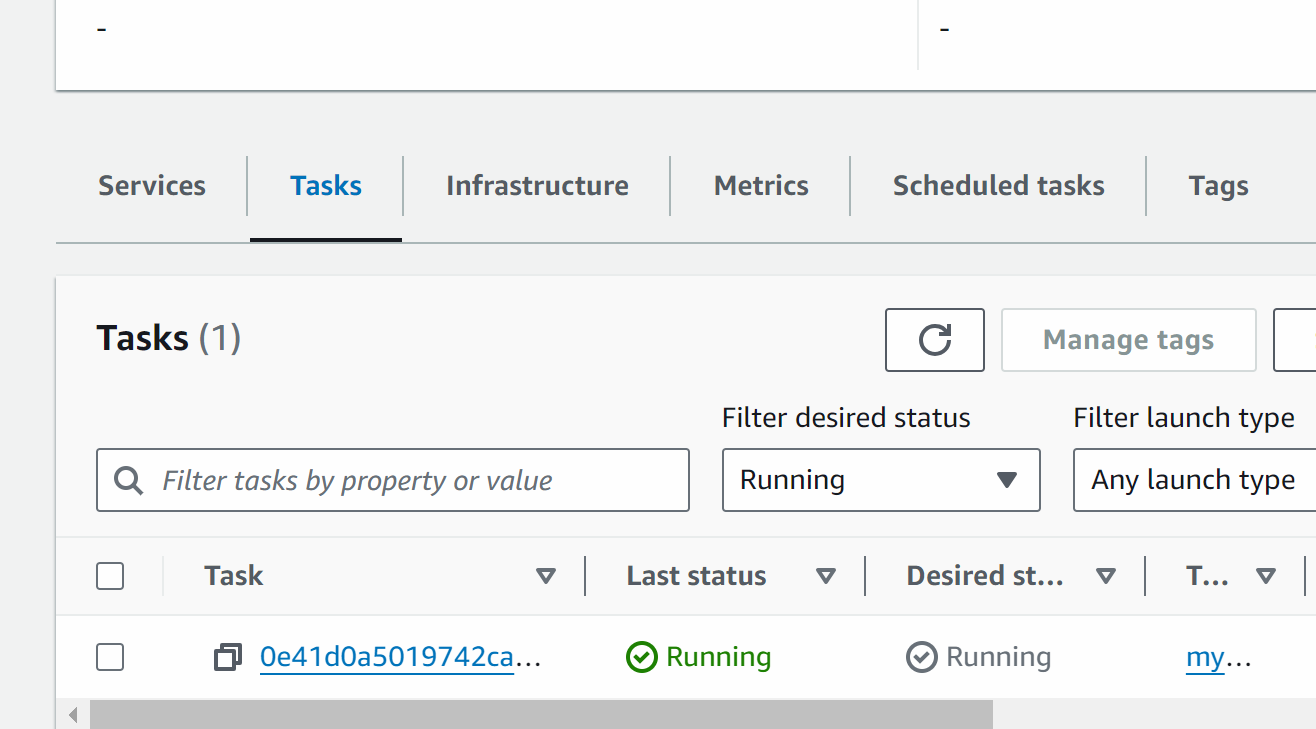


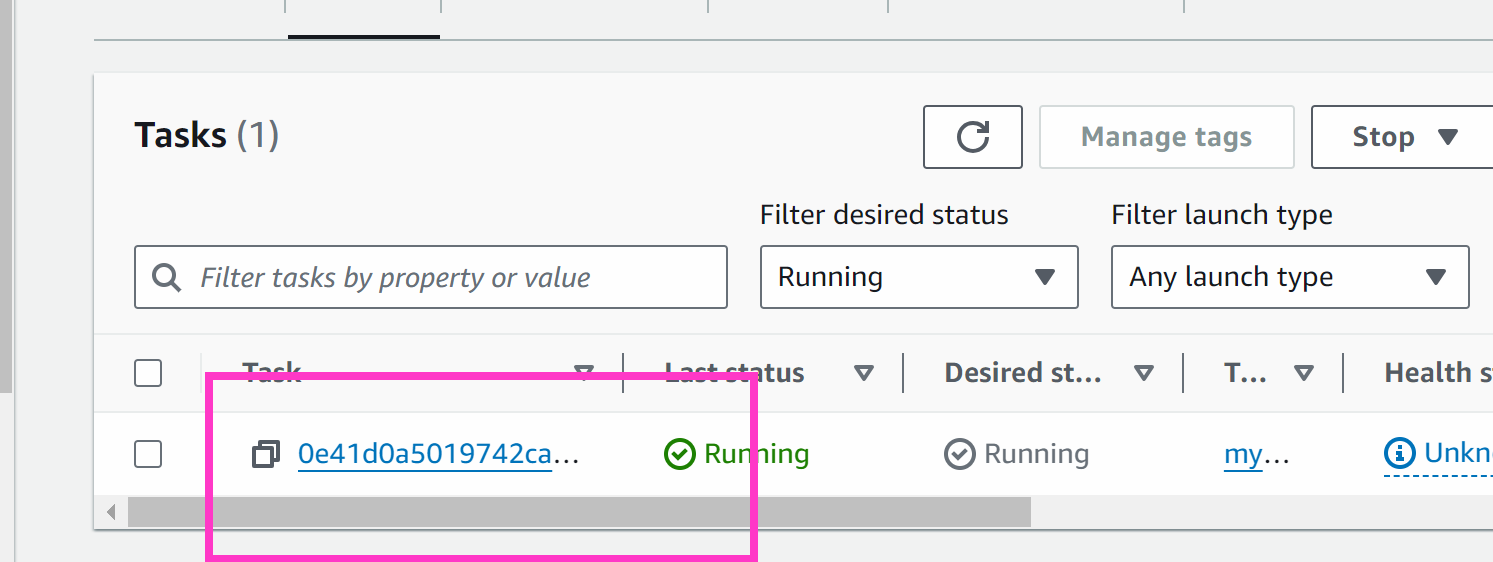
Click on networking

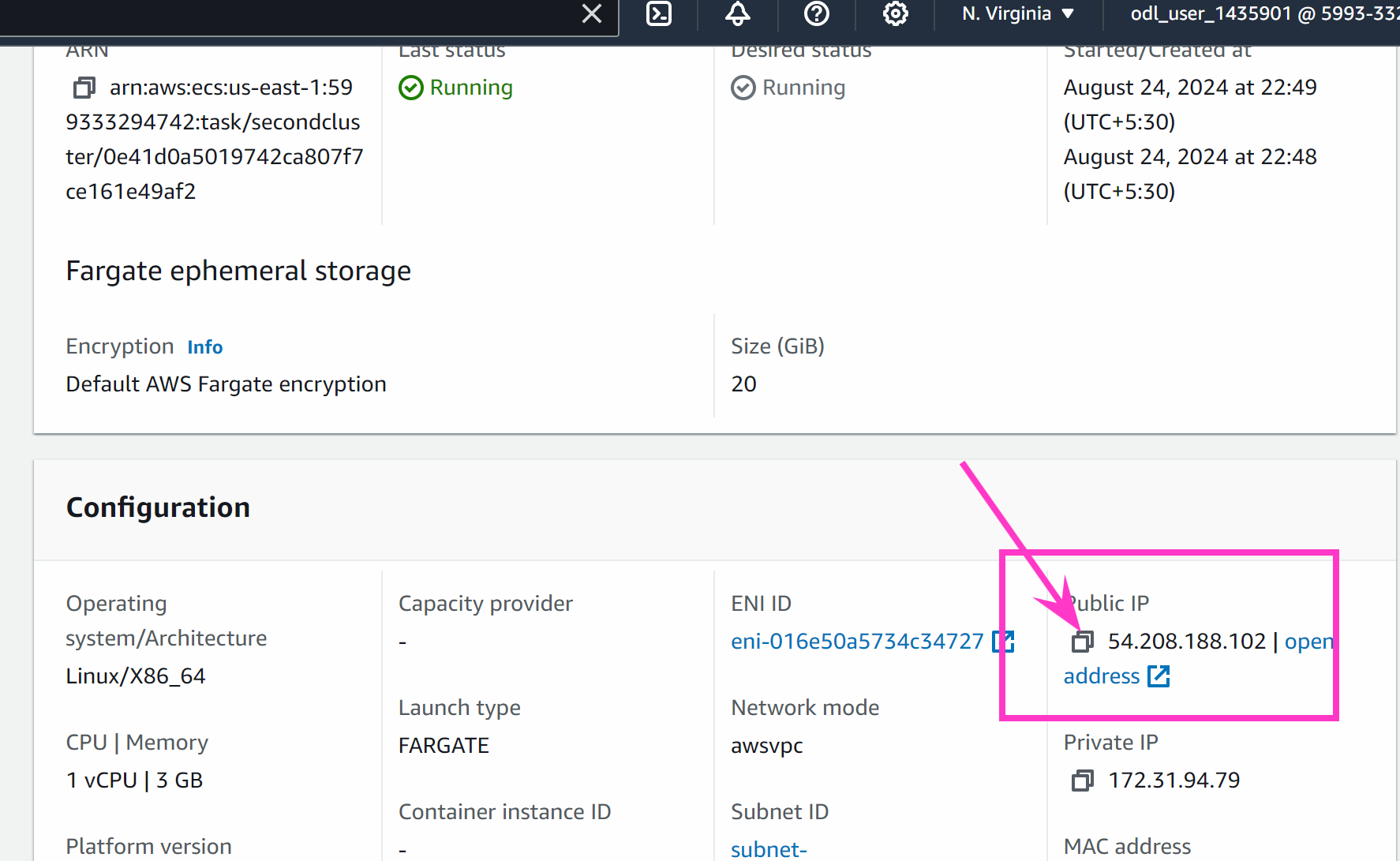


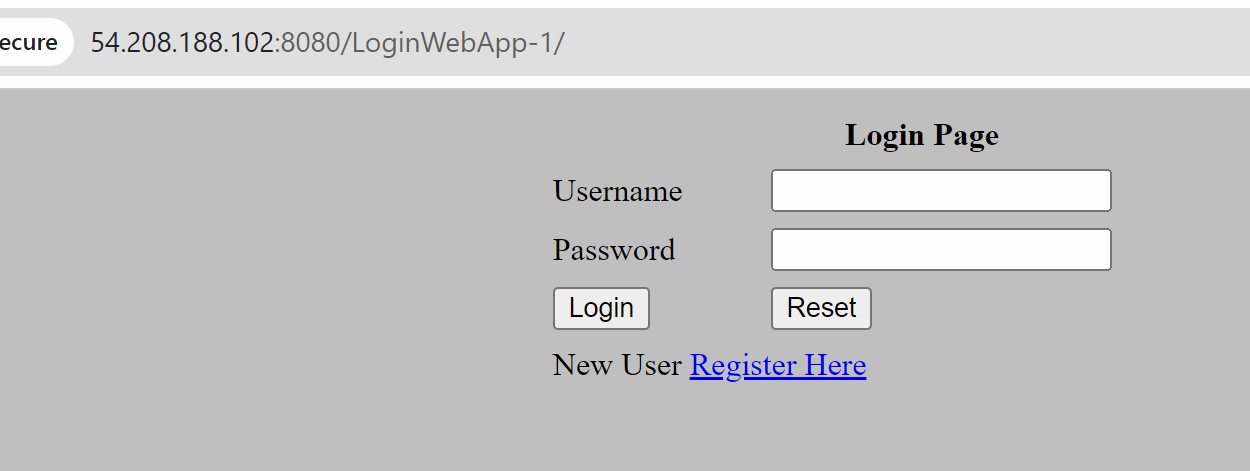
Create











<http://54.208.188.102:8080/LoginWebApp-1/>