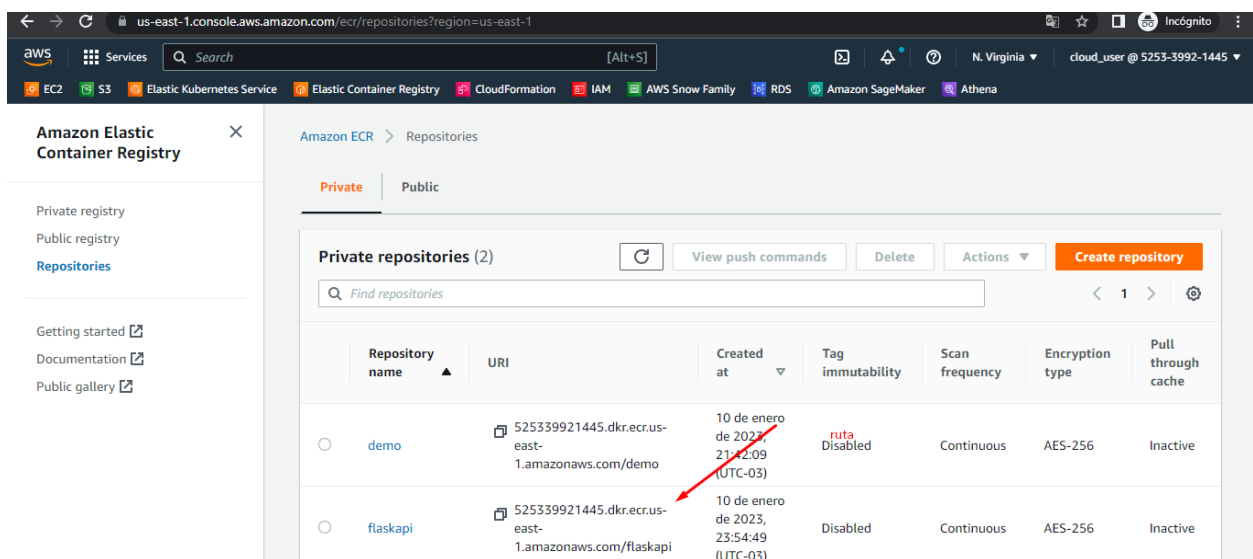


ECR - Paso 1

```
[cloudshell-user@ip-10-2-25-220 apiflask]$ cred=$(aws ecr get-login-password --region us-east-1)
[cloudshell-user@ip-10-2-25-220 apiflask]$ docker login -u AWS -p $cred https://525339921445.dkr.ecr.us-east-1.amazonaws.com
WARNING! Using --password via the CLI is insecure. Use --password-stdin.
WARNING! Your password will be stored unencrypted in /home/cloudshell-user/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
```

PASO 2.



The screenshot shows the Amazon ECR console interface. On the left, there's a sidebar with 'Amazon Elastic Container Registry' and links for 'Private registry', 'Public registry', and 'Repositories'. The main area is titled 'Amazon ECR > Repositories' and has tabs for 'Private' and 'Public'. Under 'Private repositories (2)', there's a table listing two repositories: 'demo' and 'flaskapi'. A red arrow points to the 'Created at' column for the 'flaskapi' repository.

Repository name	URI	Created at	Tag immutability	Scan frequency	Encryption type	Pull through cache
demo	525339921445.dkr.ecr.us-east-1.amazonaws.com/demo	10 de enero de 2023, 21:12:09 (UTC-03)	Disabled	Continuous	AES-256	Inactive
flaskapi	525339921445.dkr.ecr.us-east-1.amazonaws.com/flaskapi	10 de enero de 2023, 23:54:49 (UTC-03)	Disabled	Continuous	AES-256	Inactive

PASO 3:

Logging to ECR

```
docker build -t 906105182569.dkr.ecr.us-east-1.amazonaws.com/flaskapi:2.0.0 .
```

PASO 4:

Push image to ECR

```
aws ecr get-login-password --region us-east-1 | sudo docker login --username AWS --password-stdin 525339921445.dkr.ecr.us-east-1.amazonaws.com
docker push 525339921445.dkr.ecr.us-east-1.amazonaws.com/flaskapi:2.0.0
```

PASO 5:

LANZAR DEPLOY

```
kubectl create deployment flaskapi --image=525339921445.dkr.ecr.us-east-1.amazonaws.com/flaskapi:1.0.0
```

PASO 6:

SVC

```
kubectl expose deployment flaskapi --type=LoadBalancer --port 5000
```

PASO 7:

REVISAR SVC'S.

```
[ec2-user@ip-172-31-86-76 apiflask]$ kubectl get svc
```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)
flaskapi	LoadBalancer	10.100.179.126	afff137dd75934692b7298fd3a3f3926-671192720.us-east-1.elb.amazonaws.com	5000:31708/TCP

PASO 8:

Browser address bar: afff137dd75934692b7298fd3a3f3926-671192720.us-east-1.elb.amazonaws.com:5000

Page content: "Hello World!"