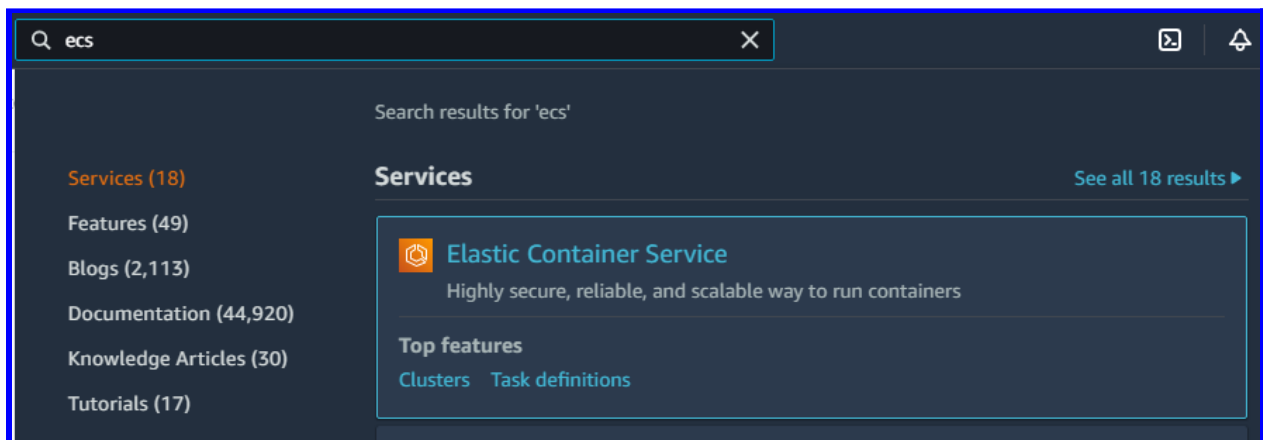


Create ECR and upload your Docker image created during Docker assignment Q3.

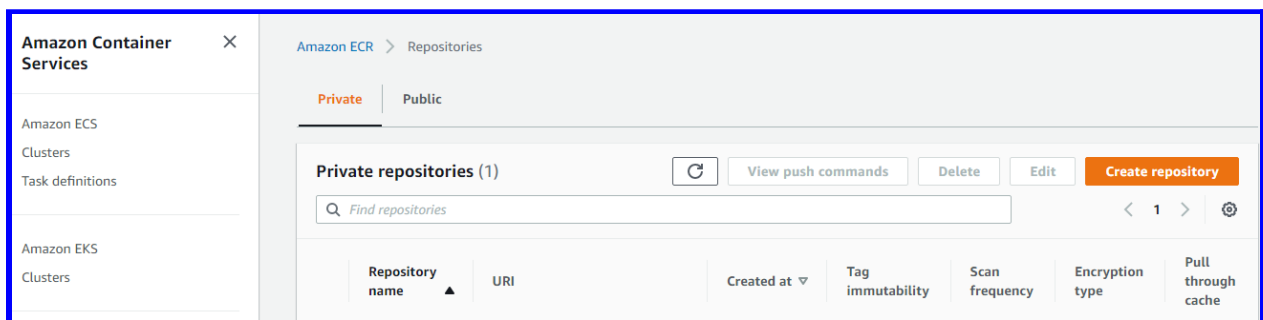
Installing AWS cli V2 and creating lft-training

```
bibek@prometheus:~$ sudo ./aws/install
You can now run: /usr/local/bin/aws --version
bibek@prometheus:~$ aws configure --profile lft-training
AWS Access Key ID [None]: AKIA52BEGI3BEQ0AG20J
AWS Secret Access Key [None]: QXJv2t1KhyX5kBpgrVNC3aD51Lx4GE48z88qBqgR
Default region name [None]: us-east-2
Default output format [None]:
bibek@prometheus:~$
```

Go to ECS



ECR Home Page



Creating Repository - team-d

Amazon ECR > Repositories > Create repository

Create repository

General settings

Visibility settings [Info](#)
Choose the visibility setting for the repository.

☒ **Private**
Access is managed by IAM and repository policy permissions.

☐ **Public**
Publicly visible and accessible for image pulls.

Repository name
Provide a concise name. A developer should be able to identify the repository contents by the name.

949263681218.dkr.ecr.us-east-2.amazonaws.com/

6 out of 256 characters maximum (2 minimum). The name must start with a letter and can only contain lowercase letters, numbers, hyphens, underscores, and forward slashes.

Push commands for team-d repository

Push commands for team-d

macOS / Linux | Windows

Make sure that you have the latest version of the AWS CLI and Docker installed. For more information, see [Getting Started with Amazon ECR](#).

Use the following steps to authenticate and push an image to your repository. For additional registry authentication methods, including the Amazon ECR credential helper, see [Registry Authentication](#).

1. Retrieve an authentication token and authenticate your Docker client to your registry.
Use the AWS CLI:

```
aws ecr get-login-password --region us-east-2 | docker login --username AWS --password-stdin
```

Note: If you receive an error using the AWS CLI, make sure that you have the latest version of the AWS CLI and Docker installed.
2. Build your Docker image using the following command. For information on building a Docker file from scratch see the instructions [here](#). You can skip this step if your image is already built:

```
docker build -t team-d .
```
3. After the build completes, tag your image so you can push the image to this repository:

Close

AWS and Docker Login using Profile-lft-training

```
bibek@prometheus:~$ aws ecr get-login-password --region us-east-2 --profile lft-training | sudo docker login --username AWS --password-stdin 949263681218.dkr.ecr.us-east-2.amazonaws.com
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
bibek@prometheus:~$
```

We have created Nodejs, Nginx & Reactjs Image in Q3 given by Krishna Upadhyay

Tagging Docker Image With ECR repo

```
bibek@prometheus:~$ sudo !!
sudo docker tag deesirouss/nodejs_web:1.0 949263681218.dkr.ecr.us-east-2.amazonaws.com/team-d:bibek
bibek@prometheus:~$
```

Pushing Image to ECR

```
bibek@prometheus:~$ sudo !!
sudo docker push 949263681218.dkr.ecr.us-east-2.amazonaws.com/team-d:bibek
The push refers to repository [949263681218.dkr.ecr.us-east-2.amazonaws.com/team-d]
f8c0838ef1b4: Pushed
3db192f87102: Pushed
fa0d38db39ae: Pushed
2b9243a7dea1: Pushed
0ddf3378b186: Pushed
110d3632d653: Pushed
a46c3bae9c2e: Pushed
b485db677a87: Pushed
6cdb6a376c8b: Pushed
a5e5ff41e5d3: Pushed
0ac0b7cace95: Pushed
ee64586bec22: Pushed
040a44cff5e0: Pushed
bibek: digest: sha256:443ce6a51e1d99461cb8a1539b90f79a15d7e79f27c8c9e4818809c6e3ca856e size: 3042
bibek@prometheus:~$
```

After successful push, we can see the Image details with Tag Name in ECR

team-d

View push commands

Edit

Images (1)



Refresh

Delete

Scan

Find images

< 1 > ⚙

<input type="checkbox"/>	Image tag	Pushed at ▼	Size (MB) ▼	Image URI	Digest	Scan status	Vulnerability
<input type="checkbox"/>	bibek	07 December 2021, 16:58:40 (UTC+05.75)	348.18	 Copy URI	 sha256:443ce6a51e1d99...	-	-

Pushing Another Image to ECR with team mate name

```
bibek: digest: sha256:443ce6a51e1d99461cb8a1539b90f79a15d7e79f27c8c9e4818809c6e3ca856e size: 3042
bibek@prometheus:~$ sudo docker tag deesirouss/nginx_web:1.0 949263681218.dkr.ecr.us-east-2.amazonaws.com/team-d:prerit
bibek@prometheus:~$ sudo docker push 949263681218.dkr.ecr.us-east-2.amazonaws.com/team-d:prerit
The push refers to repository [949263681218.dkr.ecr.us-east-2.amazonaws.com/team-d]
ef296c3541e6: Pushed
8525cde30b22: Pushed
1e8ad06c81b6: Pushed
49eeddd2150f: Pushed
ff4c72779430: Pushed
37380c5830fe: Pushed
e1bbcf243d0e: Pushed
prerit: digest: sha256:8868a43bd874b7f23164a16e7caa2329d1b8f903622bf99267cd50685ff865de size: 1777
bibek@prometheus:~$
```

After successful push we can see the image details with Tag Name in ECR

team-d

View push commands

Edit

Images (2)

Find images

< 1 > ⚙

<input type="checkbox"/>	Image tag	Pushed at ▼	Size (MB) ▼	Image URI	Digest	Scan status	Vulnerability
<input type="checkbox"/>	prerit	07 December 2021, 17:01:22 (UTC+05.75)	56.73	Copy URI	sha256:8868a43bd874b7...	-	-
<input type="checkbox"/>	bibek	07 December 2021, 16:58:40 (UTC+05.75)	348.18	Copy URI	sha256:443ce6a51e1d99...	-	-