

Deep Dive with Amazon ECS

Private Docker Registry (ECR)

Authenticate your Docker client to Amazon ECR

```
aws ecr get-login
```

- Copy/paste the output into a terminal to authenticate yourself for 12 hours
- Make a note of your [registry URL](#) for later

Create a new repository

```
aws ecr create-repository --repository-name deepdive/nginx
```

Describe all repositories

```
aws ecr describe-repositories
```

List all images in the deepdive/nginx repository

```
aws ecr list-images --repository-name deepdive/nginx
```

Pull down the nginx image so we can push it later

```
docker pull nginx:1.9
```

Tag the nginx image

```
docker tag nginx:1.9 xxx.dkr.ecr.us-east-1.amazonaws.com/deepdive/nginx:1.9
```

- Replace my [AccountId \(xxx\)](#) with yours

Push the nginx image to your repository

```
docker push xxx.dkr.ecr.us-east-1.amazonaws.com/deepdive/nginx
```

- Replace my [AccountId \(xxx\)](#) with yours

Edit the task definition file with your registry's URL

```
# Follow along with the video
```

Re-register the task definition that you edited

```
# Make sure you're in the deepdive/ folder when executing this command
```

```
aws ecs register-task-definition --cli-input-json \  
  file://web-task-definition.json
```

Run the new task definition

```
# Make sure you're in the deepdive/ folder when executing this command  
aws ecs run-task --cluster deepdive --task-definition web --count 1
```

Check it out in your browser

```
# Follow along with the video
```