

Dockers - Task #4

Goals

- Create a private container registry hosted on AWS
- Push an existing image to the cloud

Estimated Time: 15-30 minutes

Prerequisites

All steps below should be performed in your personal Cloud9 environment.

Steps

1. Create a private container repository in ECR (region eu-west-1):
 - a. Either through the [web console](#)
 - b. Or through [CLI](#)
 - c. **NOTE:** Make sure the repository name matches the image name (e.g. "jarvis-service", just for simplicity)
2. Authenticate docker with [ECR](#)
 - a. Your `aws_account_id` can be retrieved by running in Cloud9 terminal:
`# aws sts get-caller-identity --output text --query Account`
3. Tag the previously created image ([example](#))
Tagging gives some meaning to the specific release (either numeric or textual version)
4. Push the image to the repository
5. Open the repository page in Amazon ECR Web Console
6. Check the image and tag exists
7. (Optional) Pushing to a public repository
 - a. Start at step 1 above
 - b. But now, create a public repository instead of private
 - c. Follow the other steps to push the image as well
 - d. Send the repo details to a colleague and check if he/she can pull from