

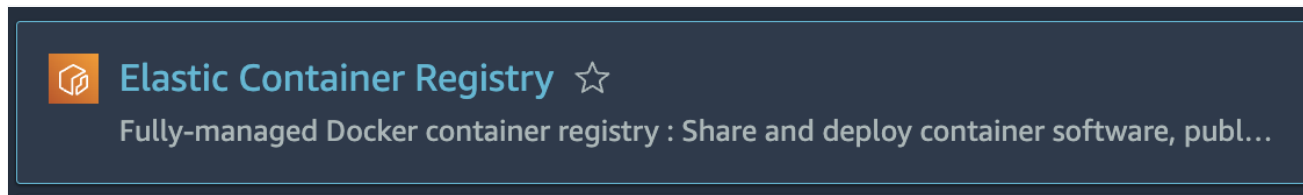
Introduction

Amazon Elastic Container Registry (ECR) hosts your images in a highly available and scalable architecture, and features the same security features (secure transmission, encryption) as other Amazon services. The ECR service also integrates with the Docker CLI and ECS to allow for easy and convenient push, pull, and deployment operations.

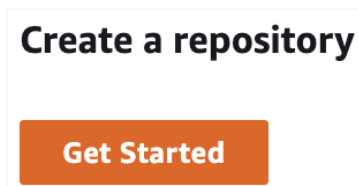
In this lab step, you will use Amazon ECR to create your own fully-managed Docker container registry within Amazon ECS.

Instructions

1. In the AWS Management Console search bar, enter *ECR*, and click the **Elastic Container Registry** result under **Services**:



2. Click on the orange **Get Started** button under Create repository section:



3. In the **Repository configuration** section, enter *ca-container-registry* as the **Repository name** and then click **Create repository**:

Repository name


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

475614092062.dkr.ecr.us-west-2.amazonaws.com/

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

Warning: Ensure that the container repository name matches **ca-container-registry** exactly. The build code for the application you will deploy expects this repository to exist.

4. Copy the **URI** of the repository you just created by clicking the two squares icon beside the URI and paste it somewhere you can reference later:

Repository name ▲	URI
ca-container-registry	 475614092062.dkr.ecr.us-west-2.amazonaws.com/ca-container-registry

You will need the URI in the following lab steps. The repository is currently empty. However, this location is a convenient place to get your repository URI, push commands, and list its images whenever required.

Summary

In this lab step, you created a repository for Docker images within AWS. This allows you to integrate your Docker images more closely with ECS and other Amazon services, such as CodeBuild.

VALIDATION CHECKS

1 Checks

Check again 



Created an ECR Repository

Check if an Amazon ECR repository has been created

Amazon Elastic Container Registry (ECR)