UNIVERSIDAD PRIVADA DE TACNA

FACULTAD DE INGENIERIA

Escuela Profesional de Ingeniería de Sistema

Informe de laboratorio 10: Construyendo una Arquitectura Serverless

Curso: Inteligencia de negocios

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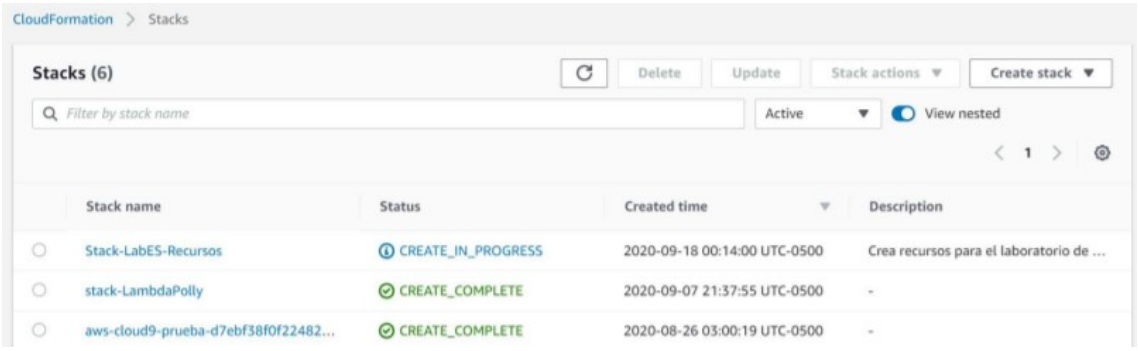
Alumno: Balcon Coahila, Edwart Juan (2013046516)

Tacna – Perú

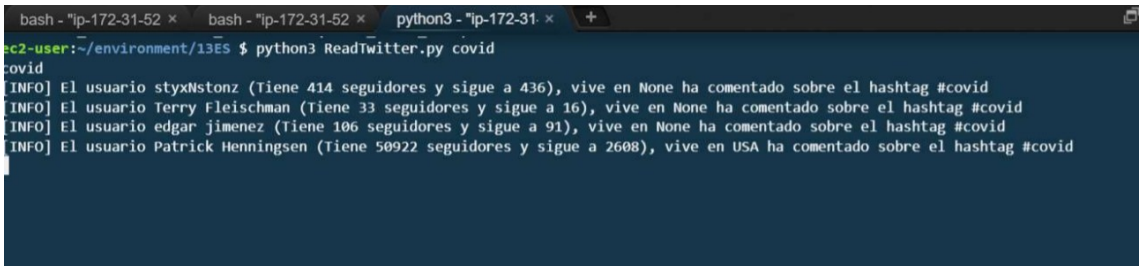
2021

1. Realizar los siguientes pasos para el laboratorio

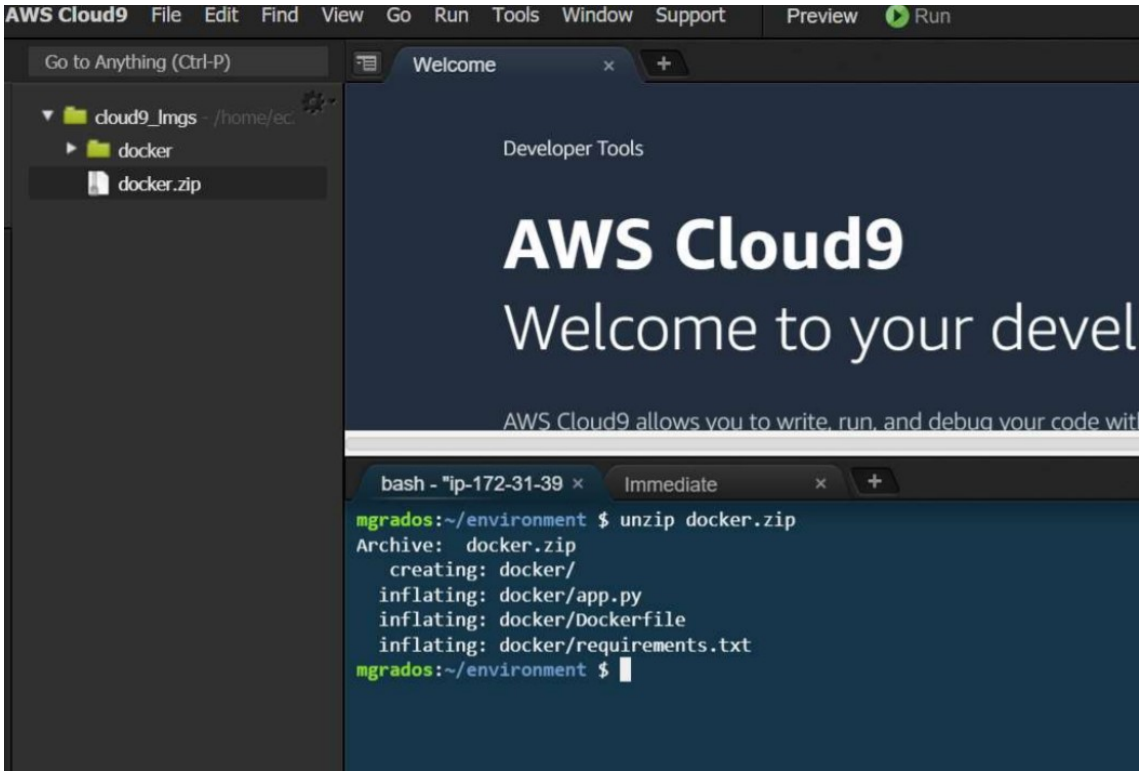
1.1. Visualizamos en CloudFormation que se estén creando los recursos del stack.



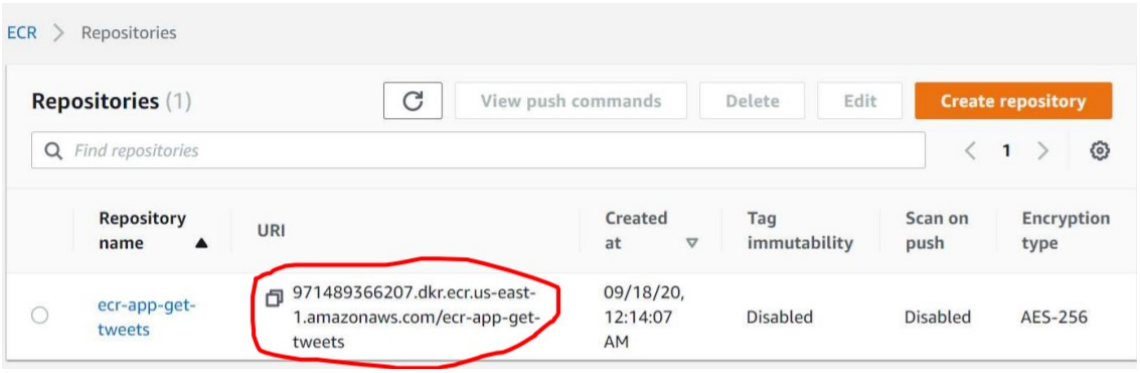
1.2. Para hacer una prueba de nuestros token de Twitter, ejecutaremos lo siguiente, pero antes debemos agregar nuestros token dentro el código.



1.3. Entramos a la carpeta docker.

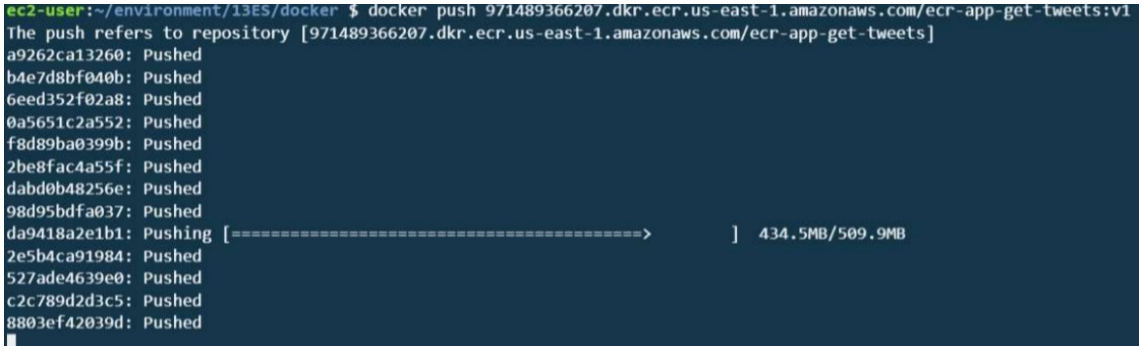

AWS Cloud9 File Edit Find View Go Run Tools Window Support
Preview
Run
Go to Anything (Ctrl-P)
Welcome
cloud9_lmgs - /home/ec
docker
docker.zip
Developer Tools
AWS Cloud9
Welcome to your devel
AWS Cloud9 allows you to write, run, and debug your code wit
bash - "ip-172-31-39
Immediate
mgrados:~/environment $ unzip docker.zip
Archive: docker.zip
creating: docker/
inflating: docker/app.py
inflating: docker/Dockerfile
inflating: docker/requirements.txt
mgrados:~/environment $

1.4. Entramos al servicio de ECR desde la consola y veremos nuestro repo creado. Copiamos el URI del repositorio.

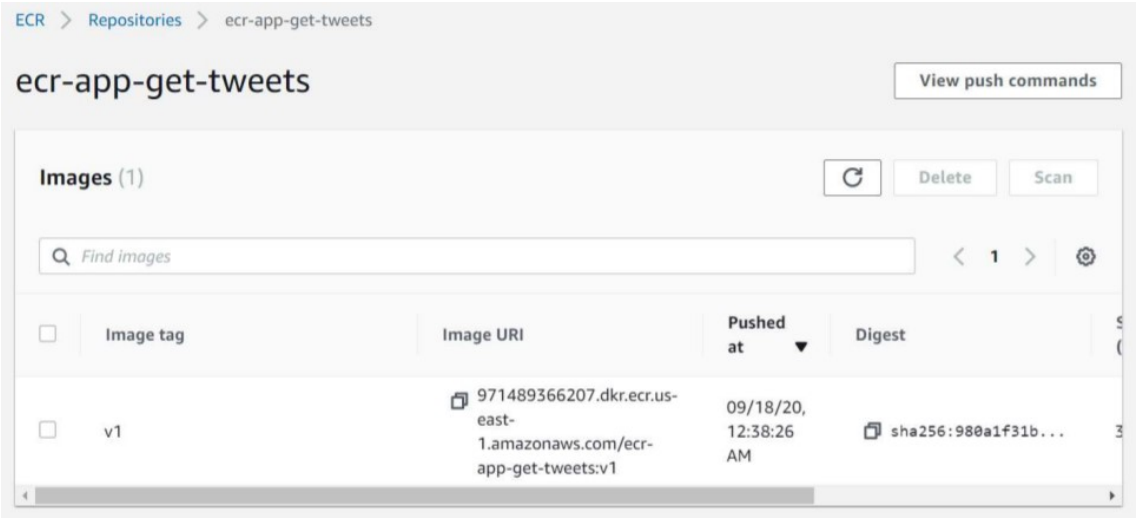


1.5. Construiremos la imagen Docker.

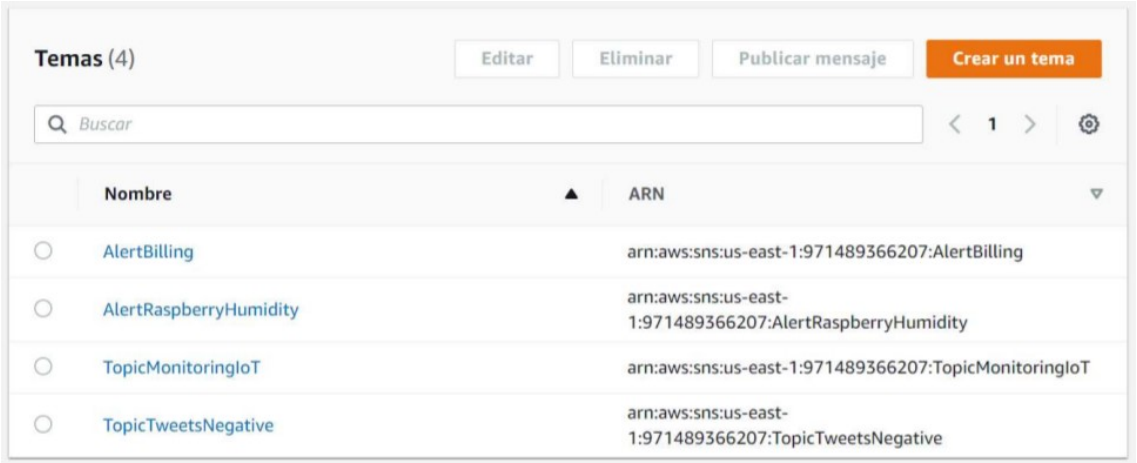
1.6. Subimos la imagen al ECR

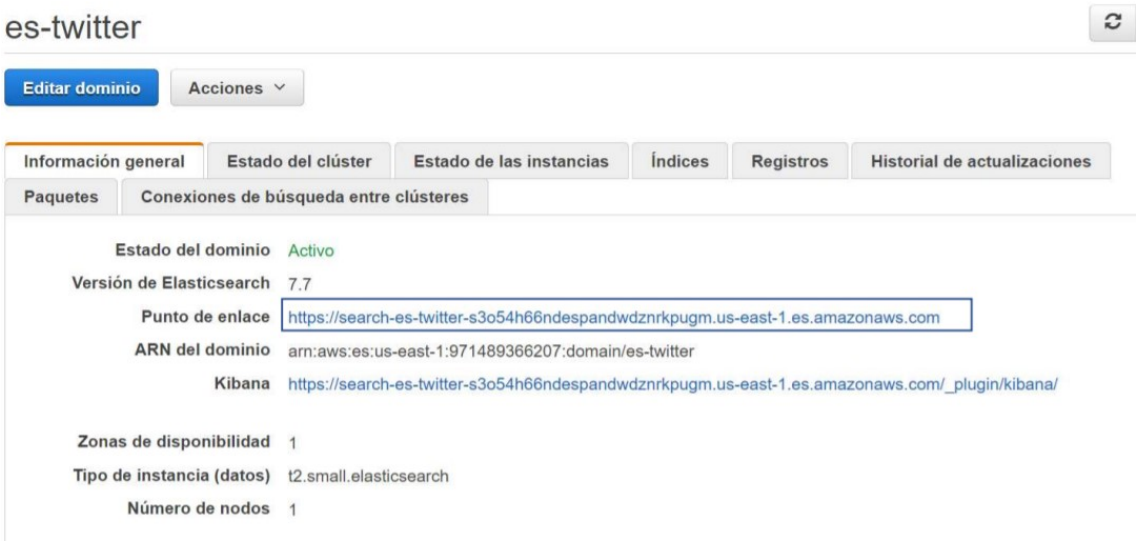


1.7. Regresamos el ECR y obtenemos el URI de la imagen subida.

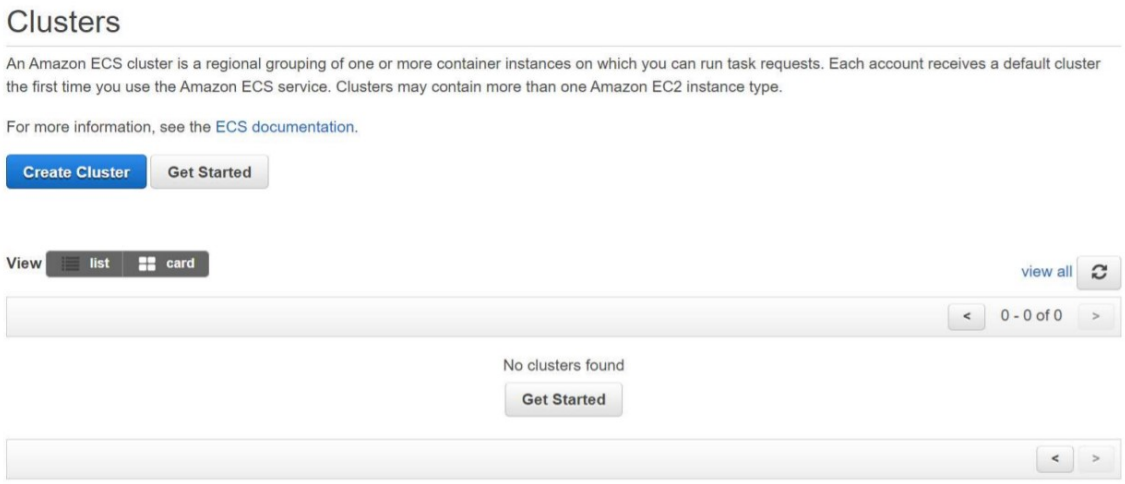


1.8. Seleccionamos el tópico TopicTweetsNegative y obtenemos su ARN y Clic en la función Lambda llamada : DetectSentimentTweets.

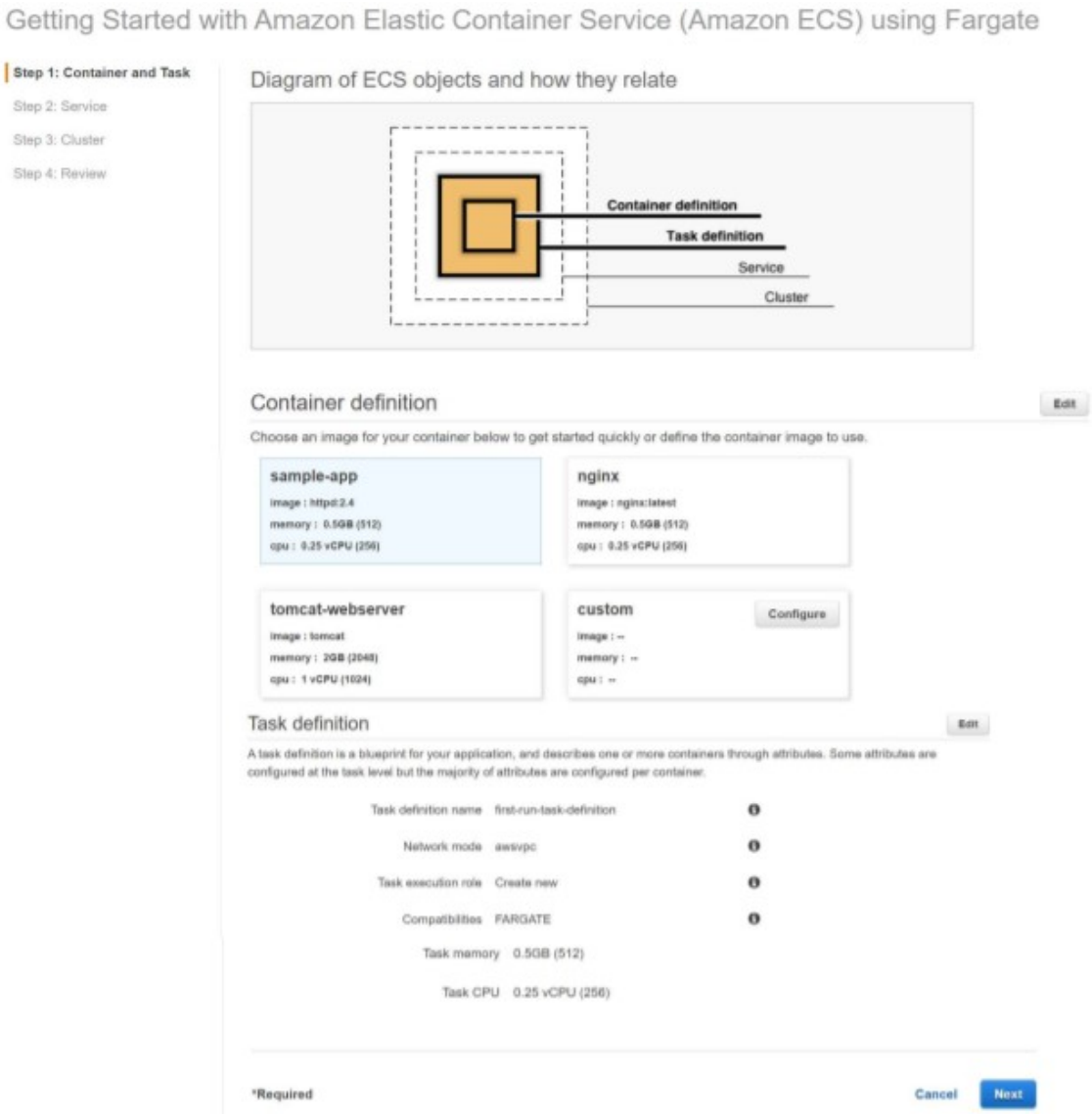




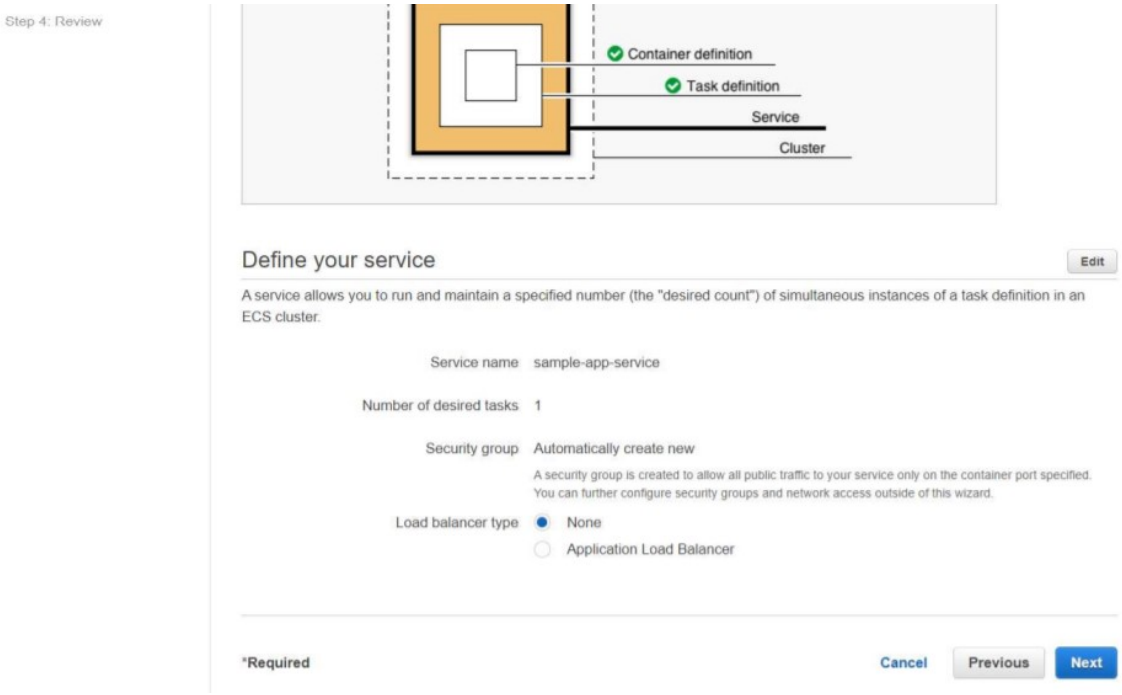
1.9. Creamos un clúster en ECS (no genera costo), clic en Get Started



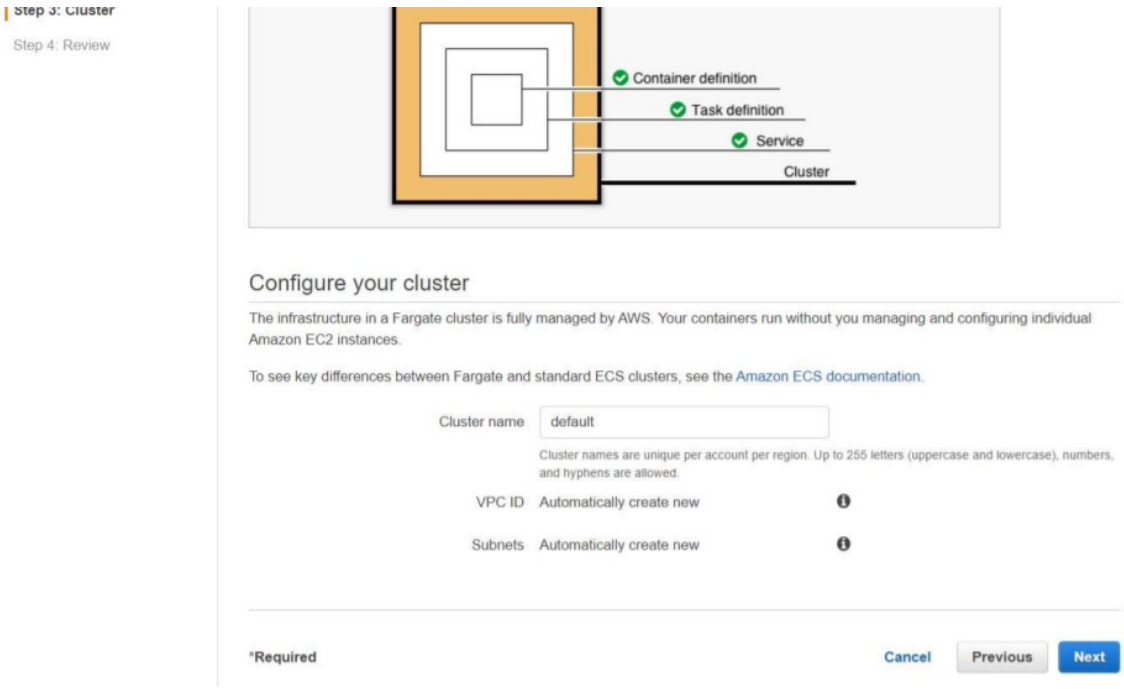
1.10. Clic en Next



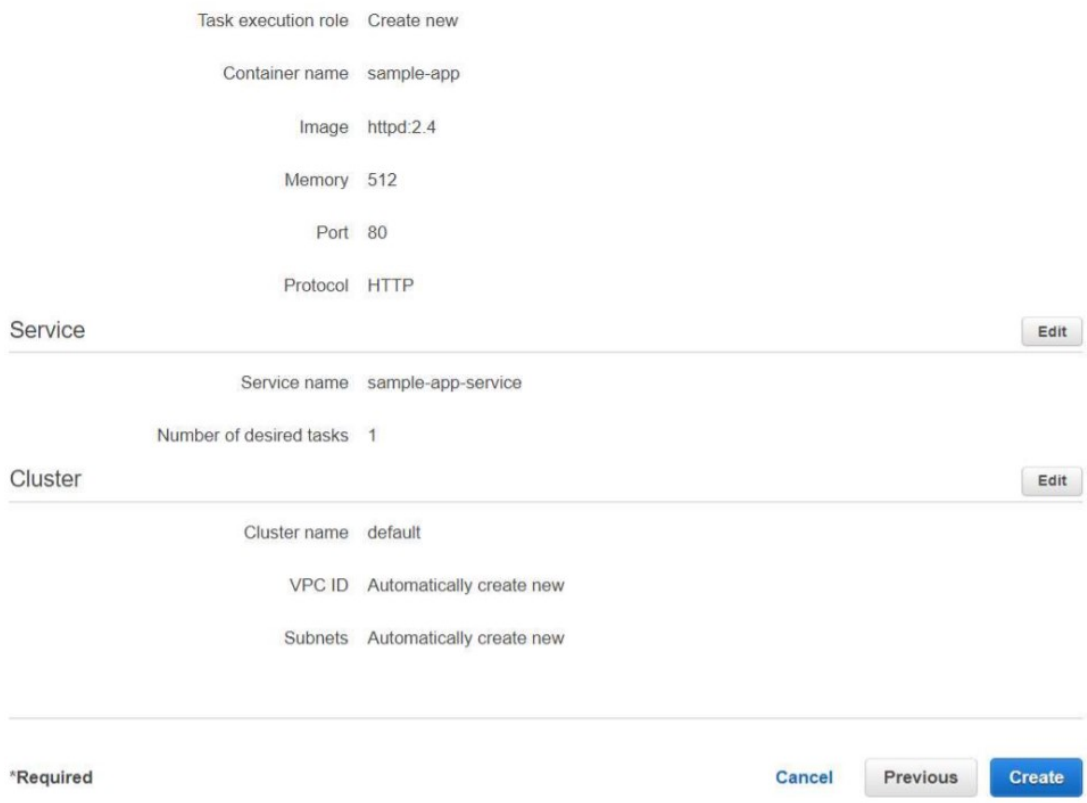
1.11. Clic en Next.



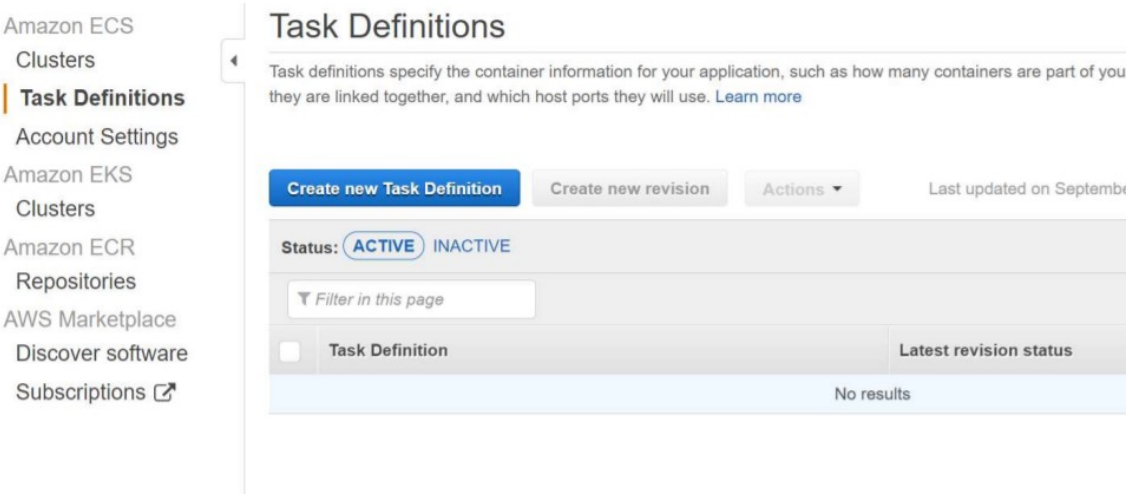
1.12. Clic en Next.



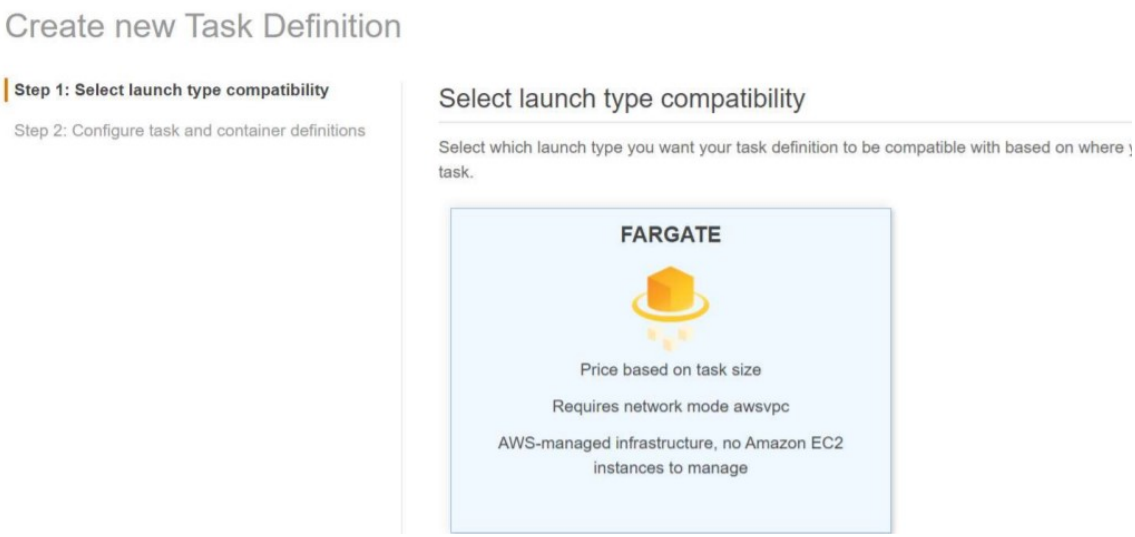
1.13. Clic en Create



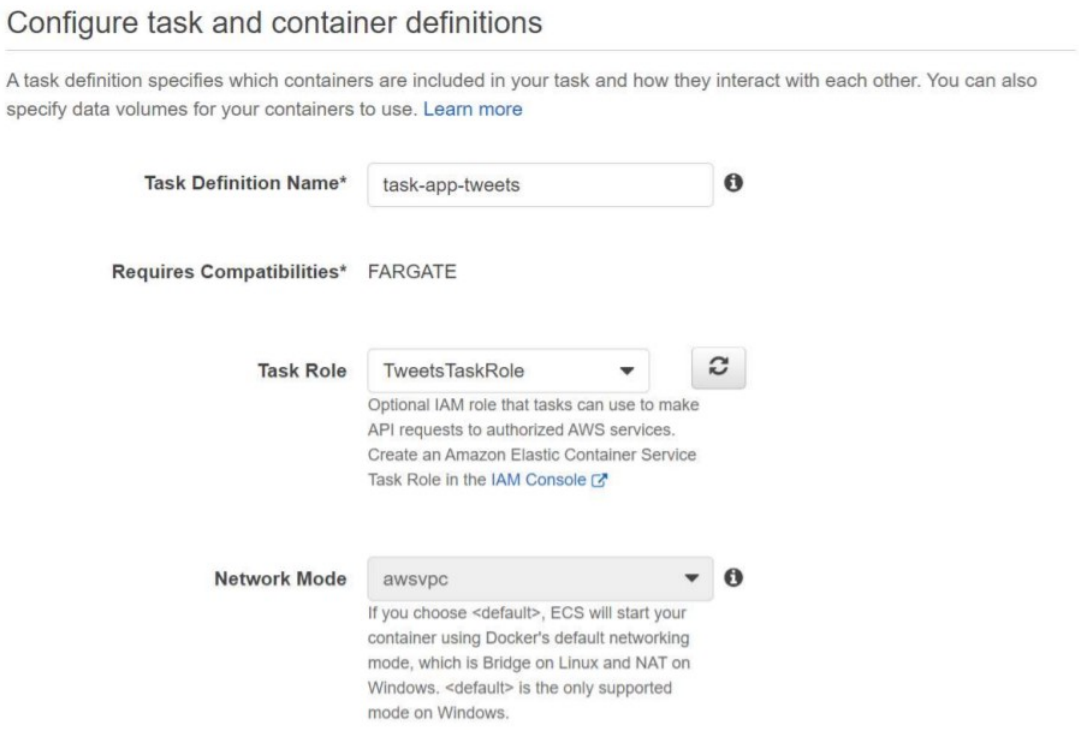
1.14. Creamos una definición de tarea.

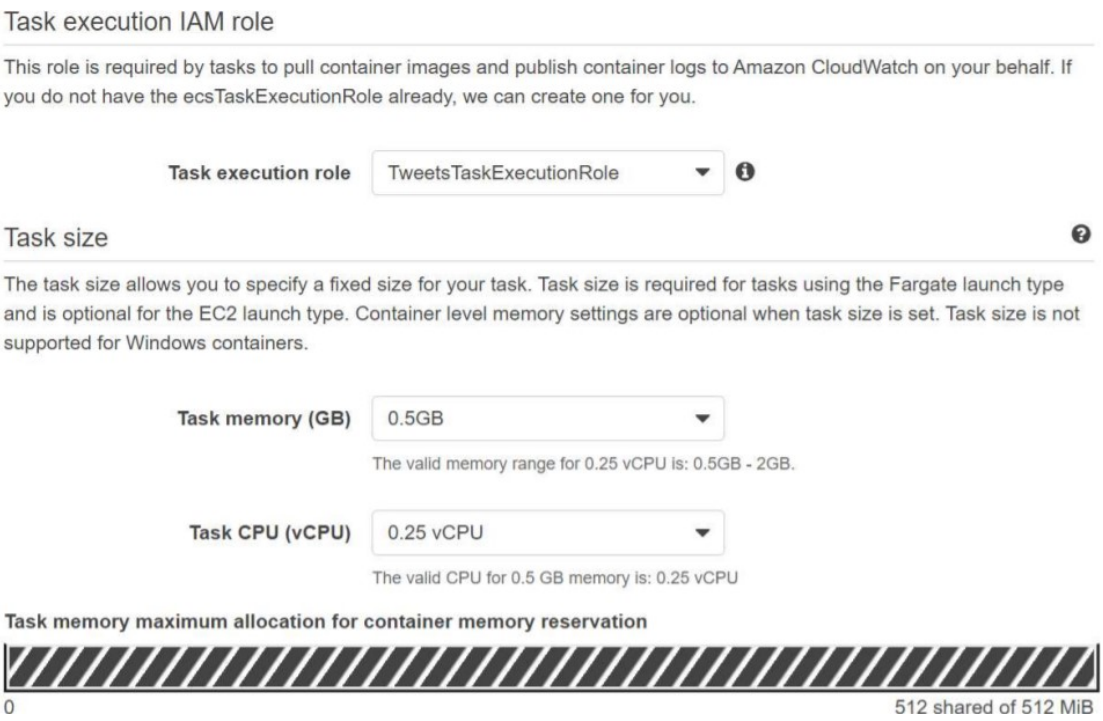


1.15. Clic en Fargate

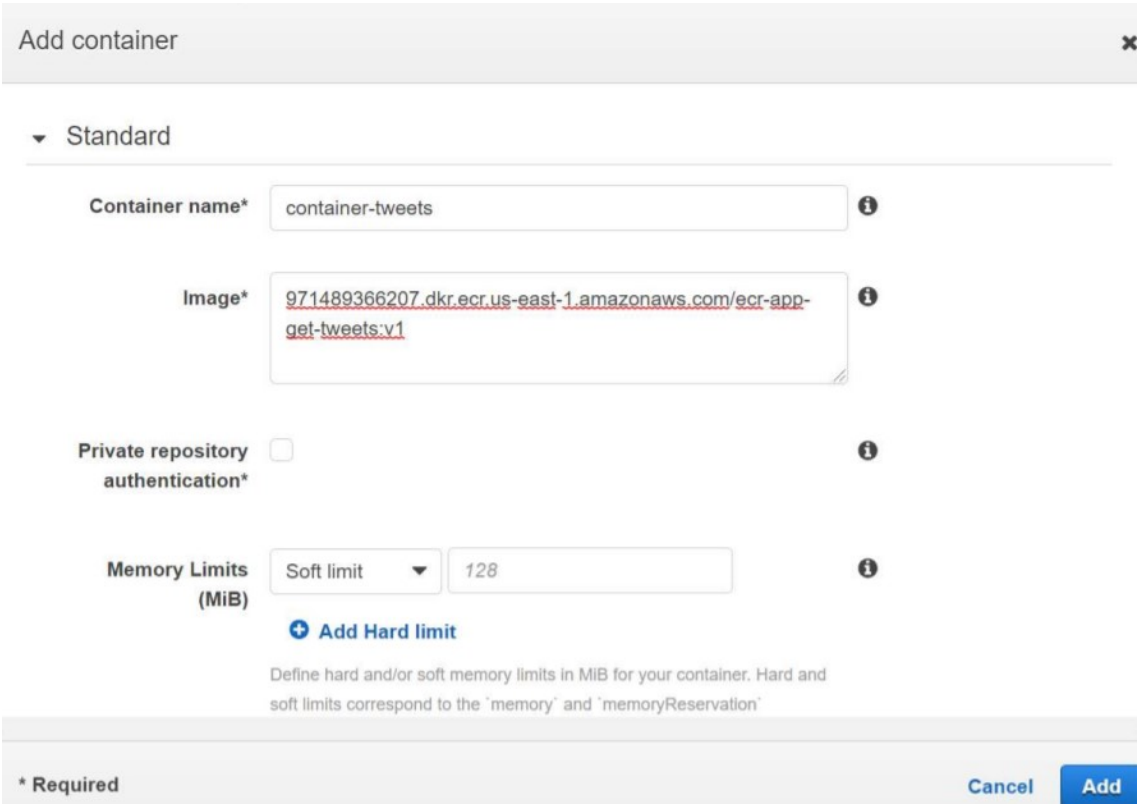


1.16. Elegir un nombre para el task definition.

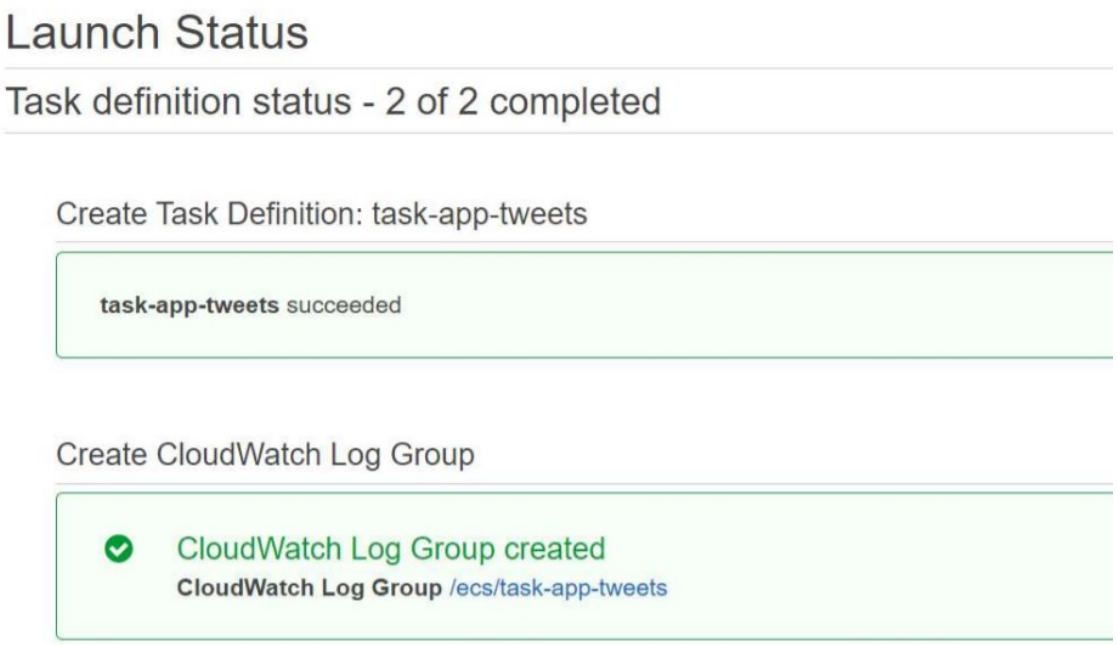




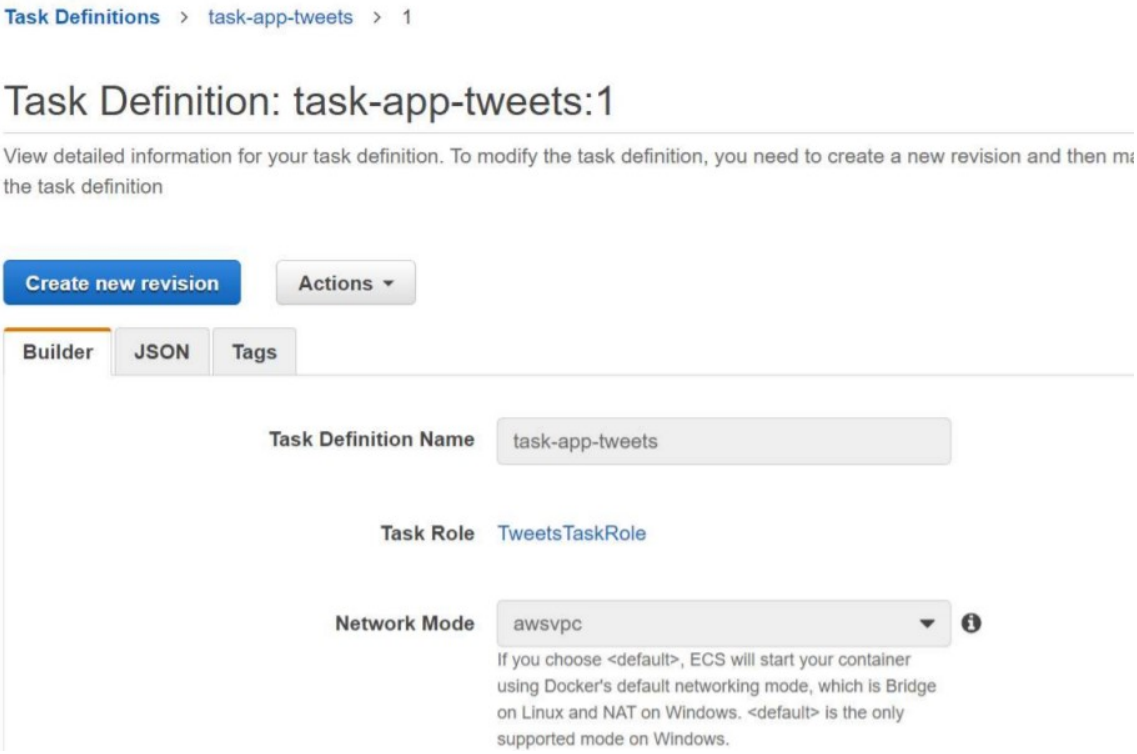
1.17. Agregar el contenedor a desplegar en Fargate.



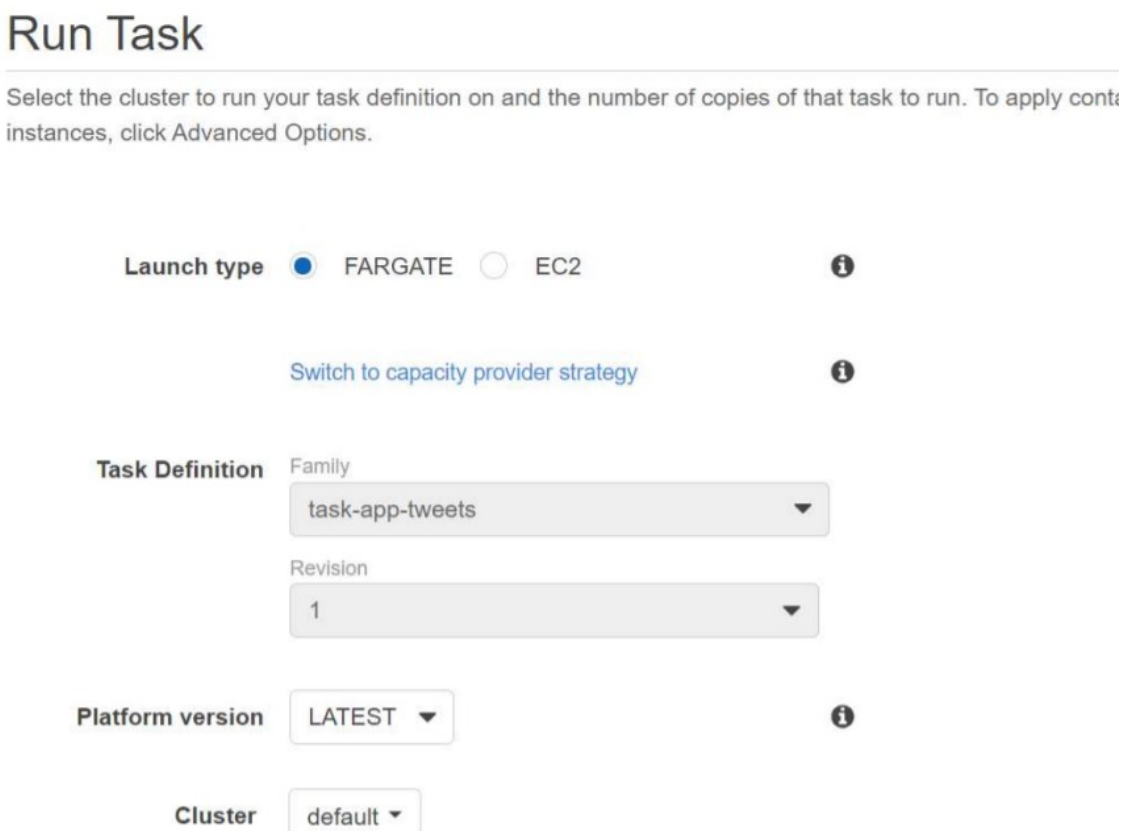
1.18. Clic en crear.

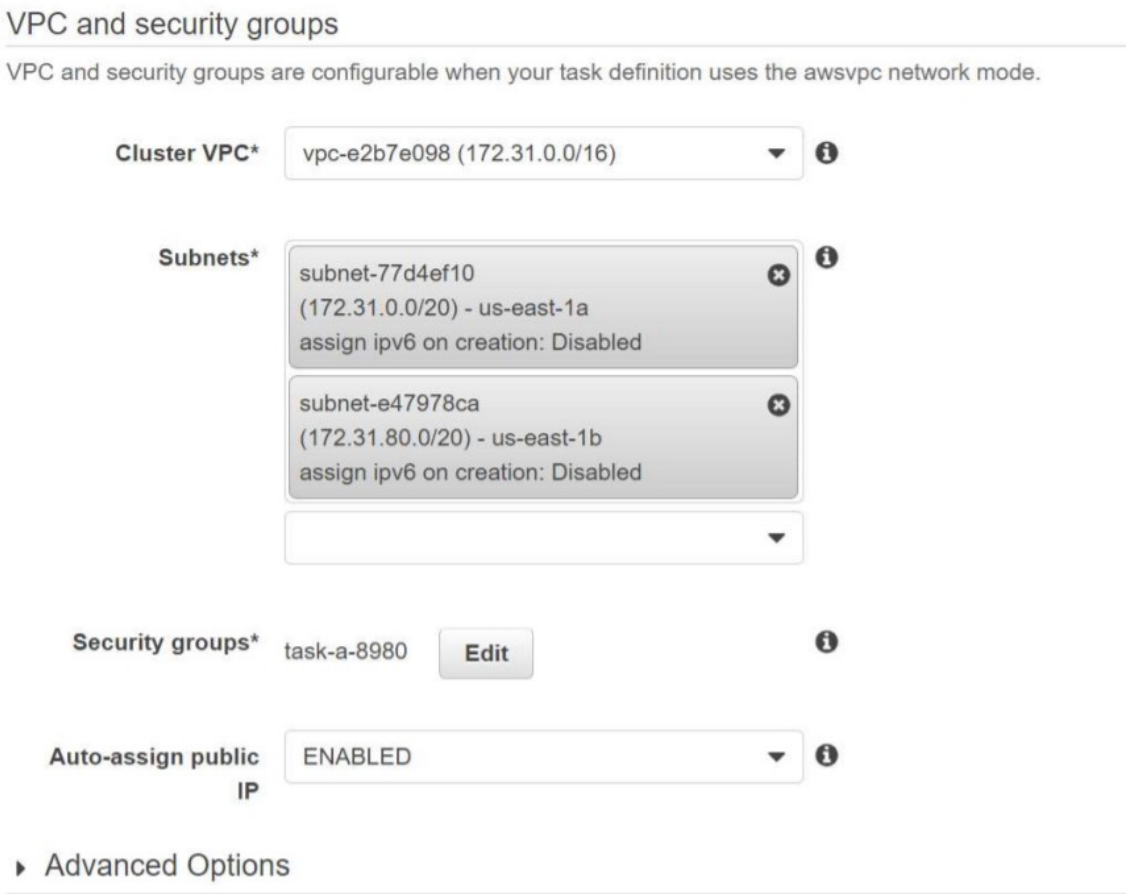


1.19. Ejecutar el task definition, clic en Action -¿Run task.

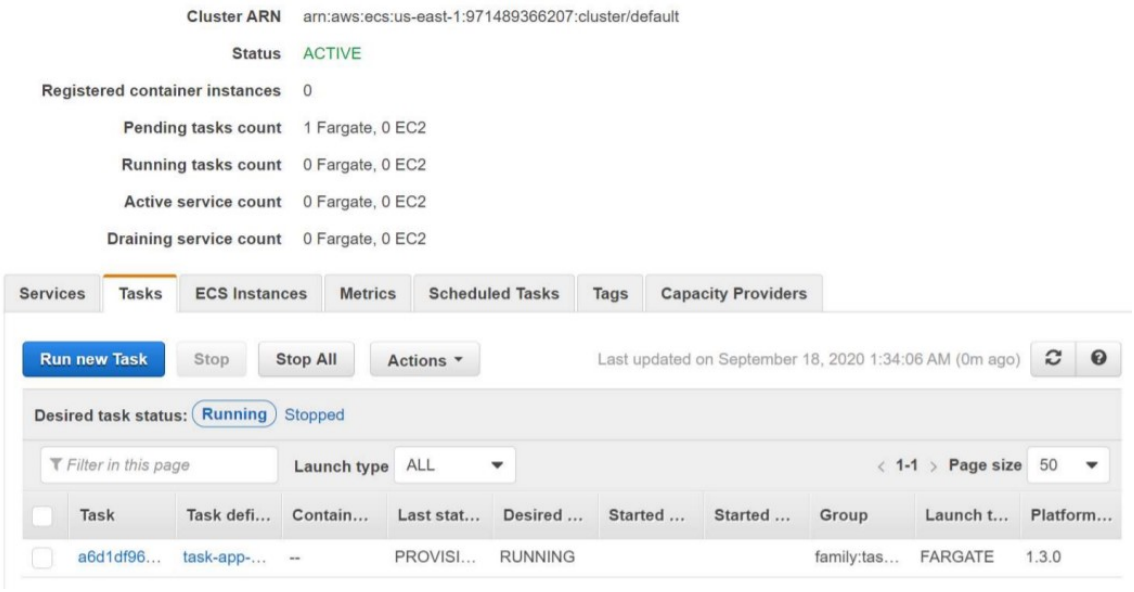


1.20. Elegir el lanzamiento por Fargate.


Run Task
Select the cluster to run your task definition on and the number of copies of that task to run. To apply conta
instances, click Advanced Options.
Launch type
FARGATE
EC2
Switch to capacity provider strategy
Task Definition
Family
task-app-tweets
Revision
1
Platform version
LATEST
Cluster
default



1.21. El task definition ya se está ejecutando.



1.22. Ahora acceder al servicio de ElasticSearch. Clic en Acciones -¿Modificar política de acceso