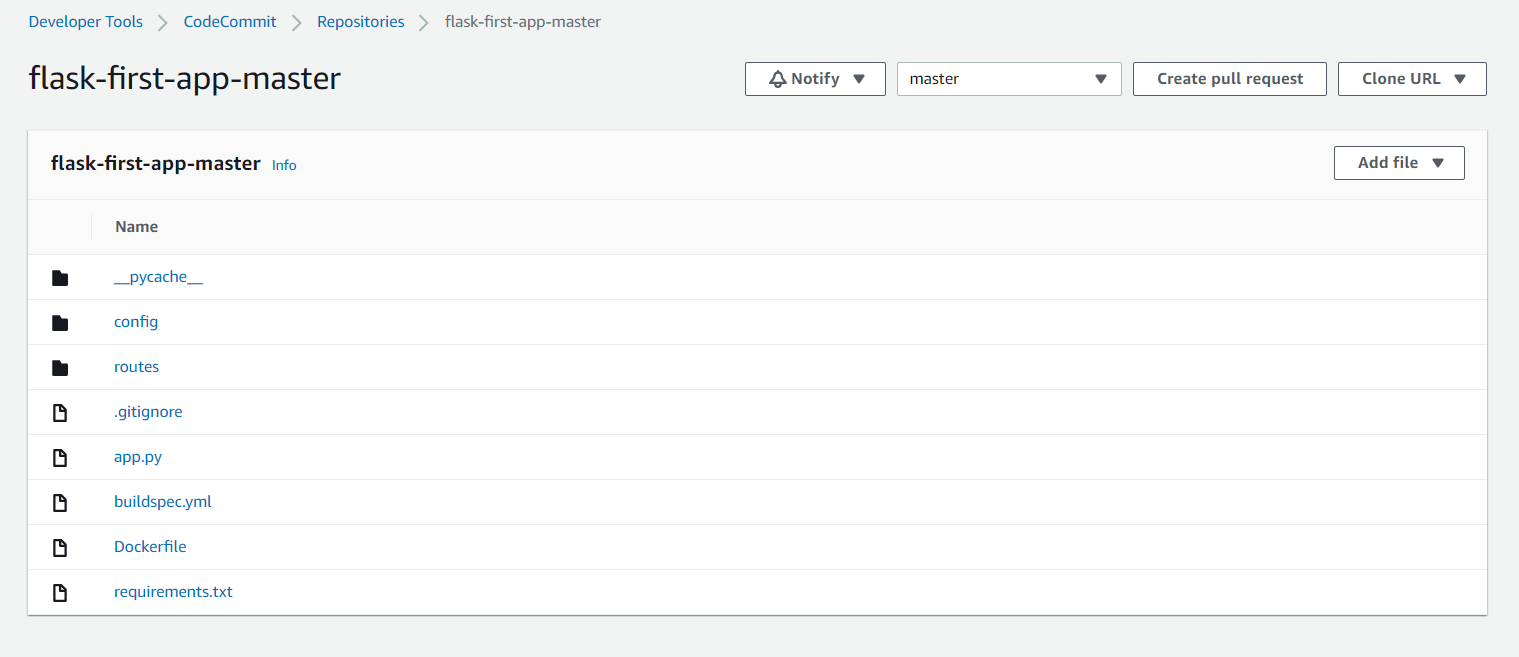
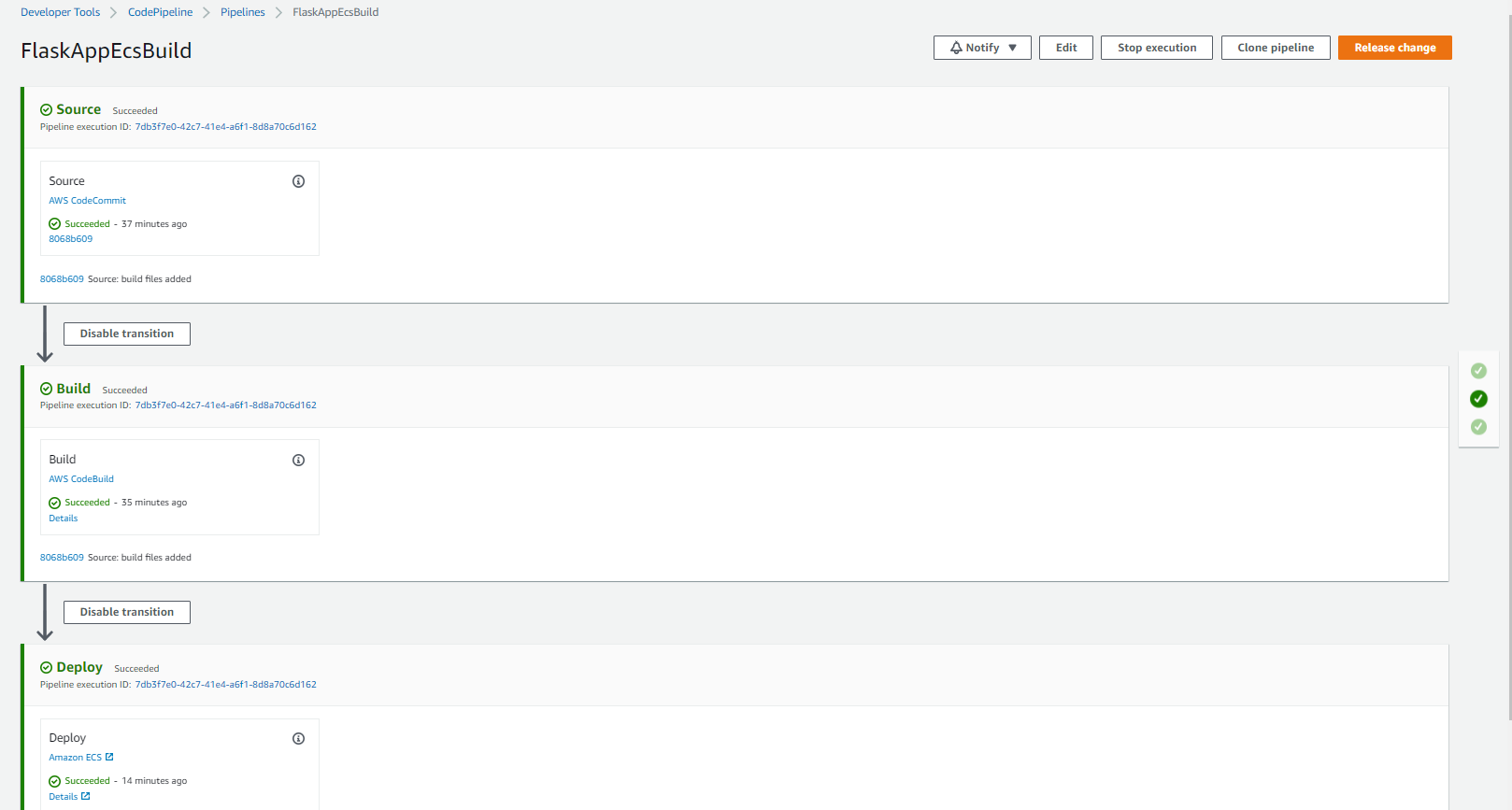
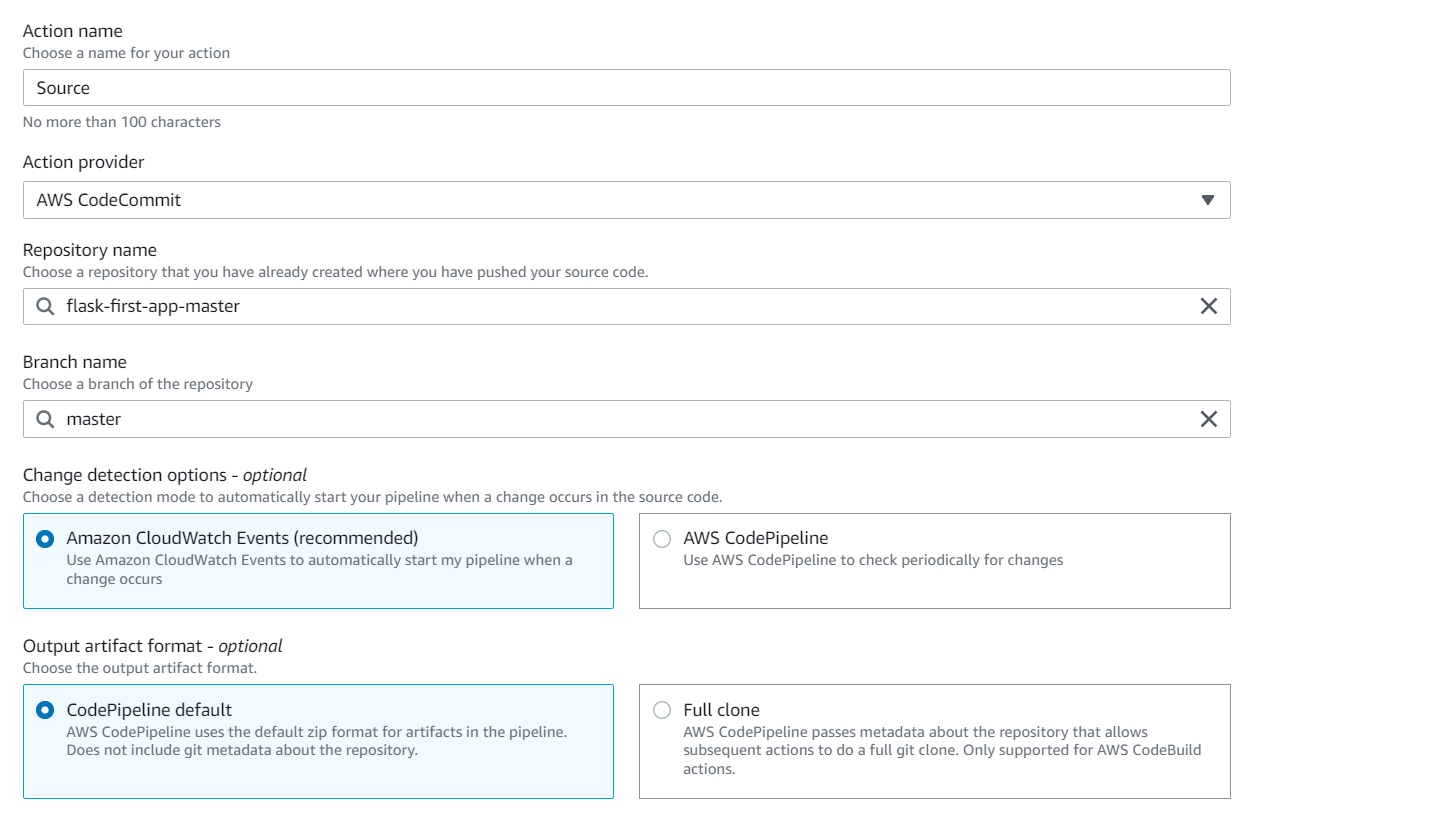
1. **Code repository of the Flask API**



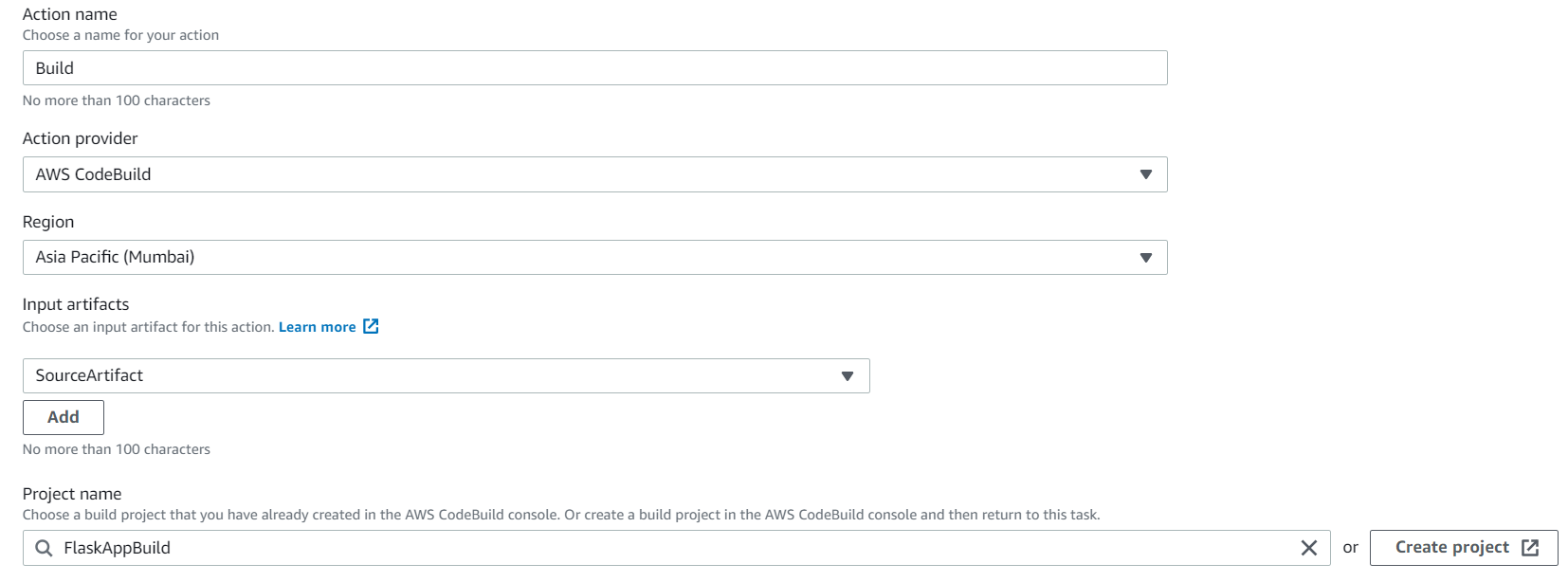
1. **Pipeline to deploy API on ECS [with ECR repo]**

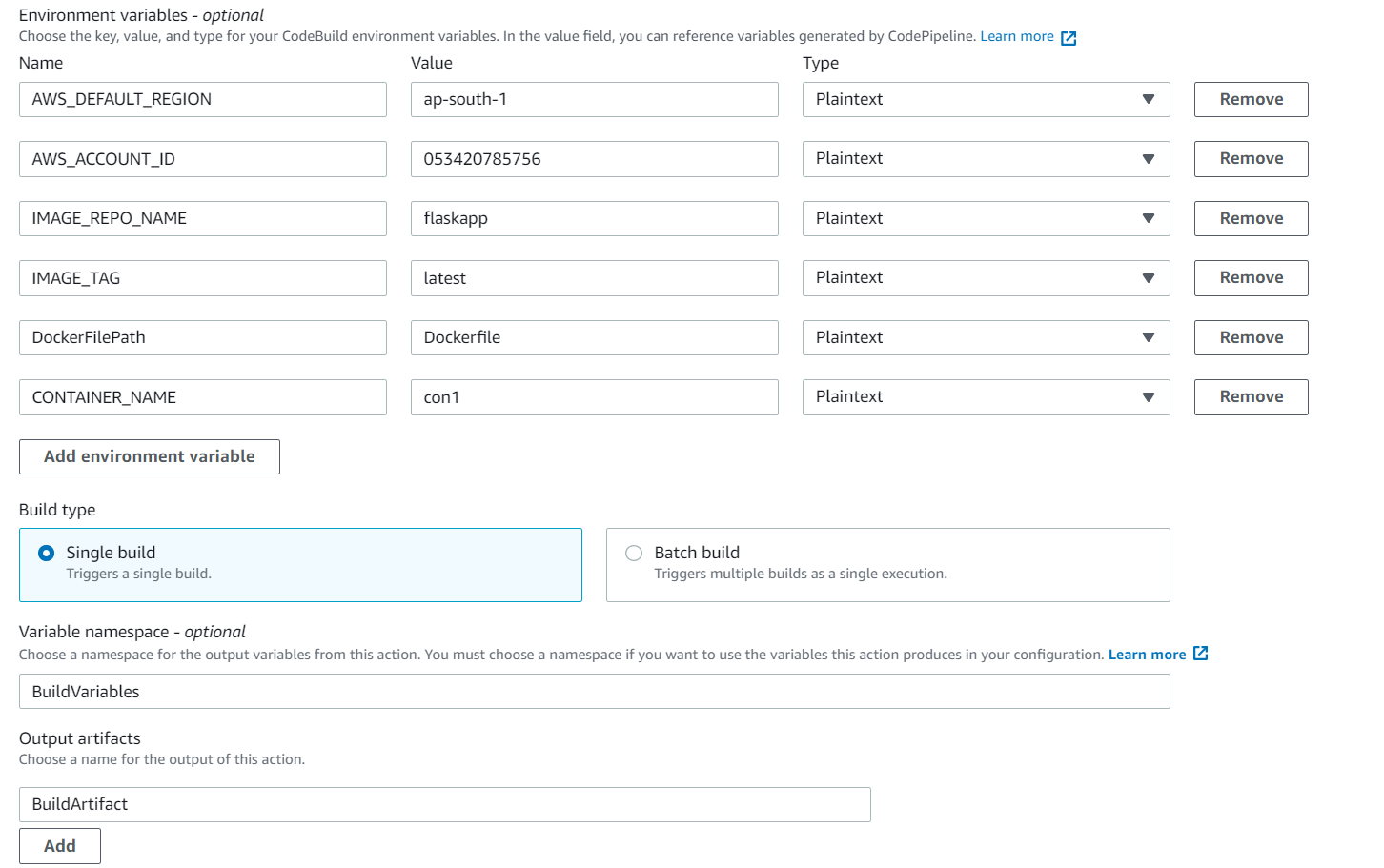


**Source :**

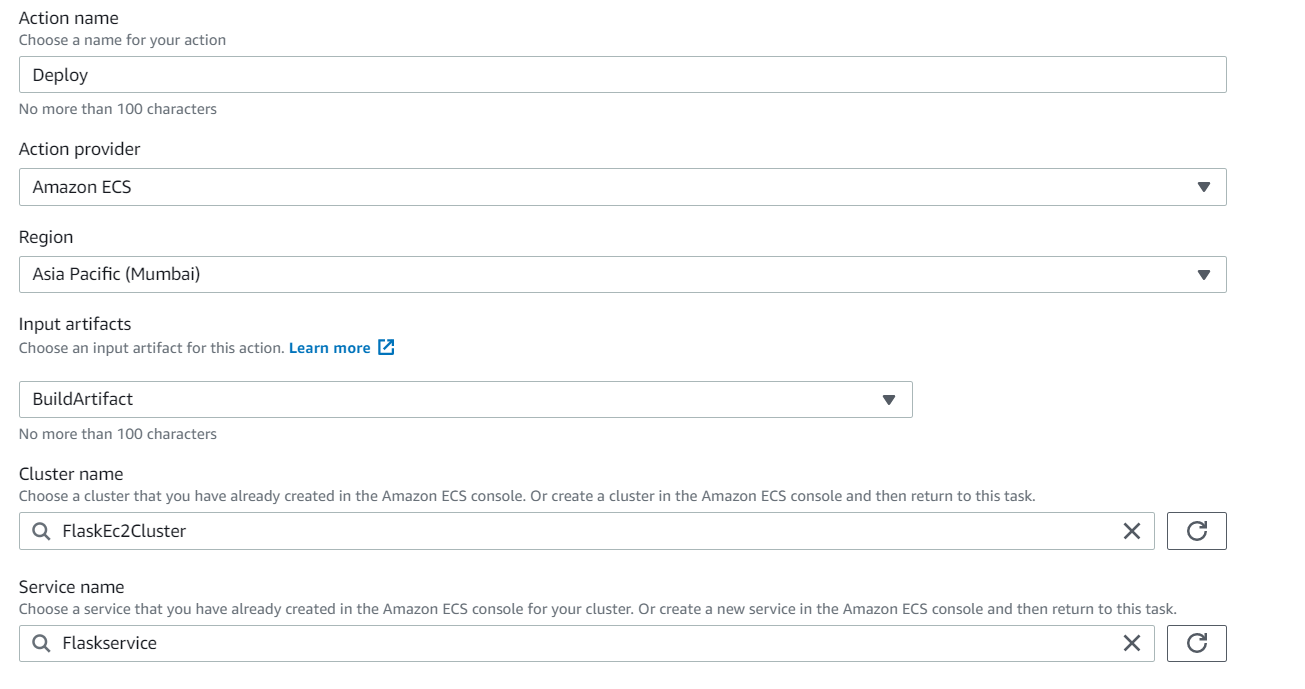


**Build :**

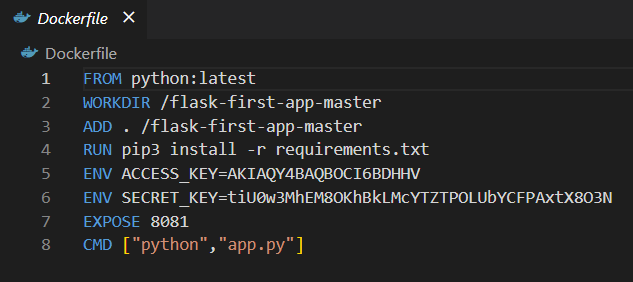




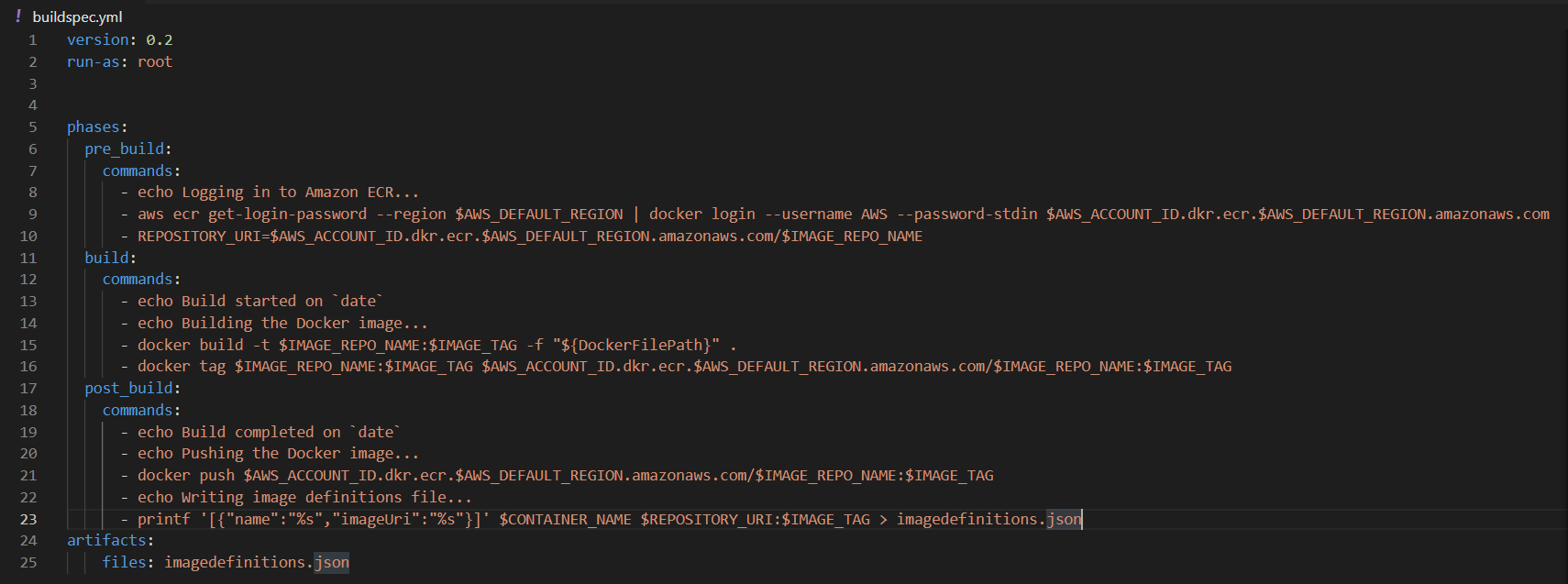
**Deploy :**



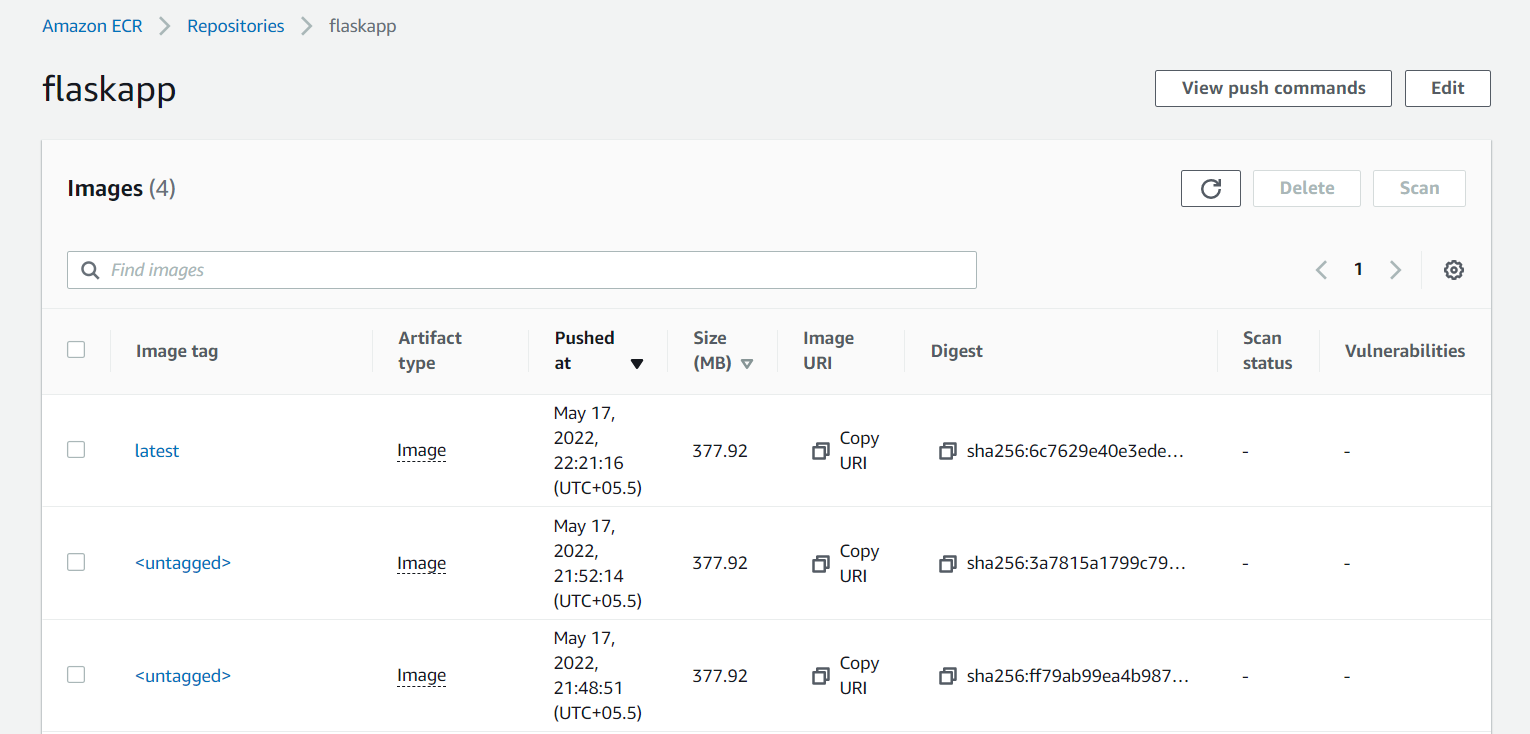
**Dockerfile :**



**BuildSpec.yml :**

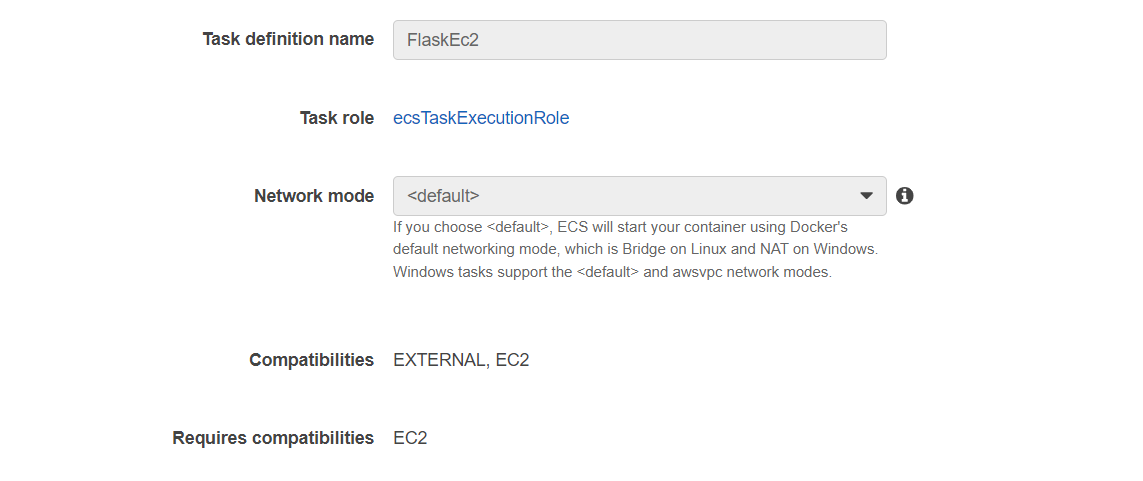


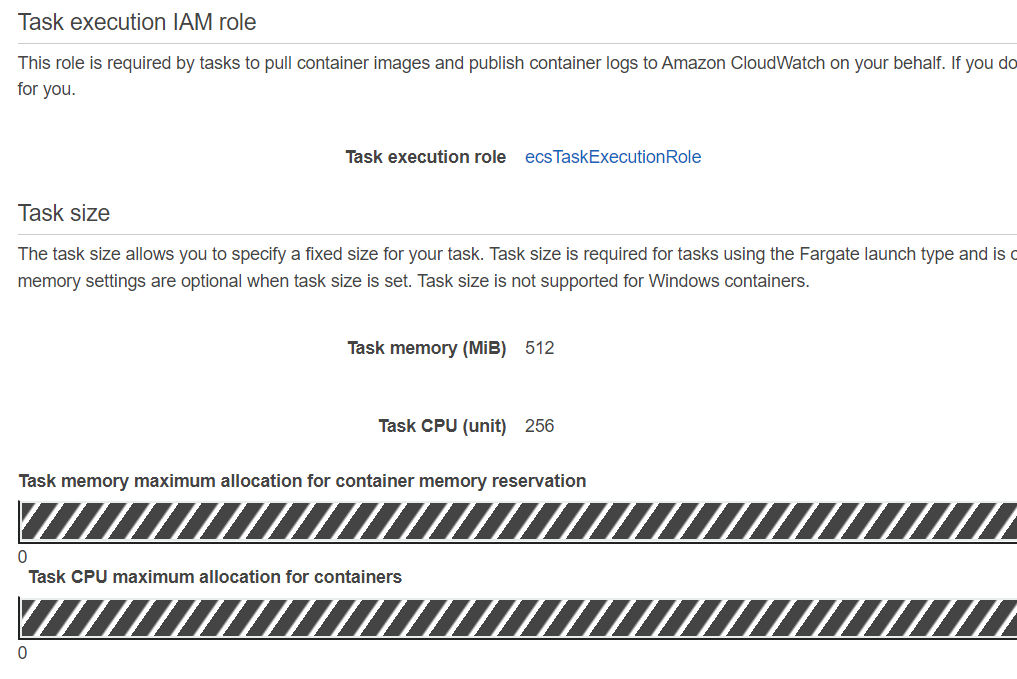
**ECR Repo :**

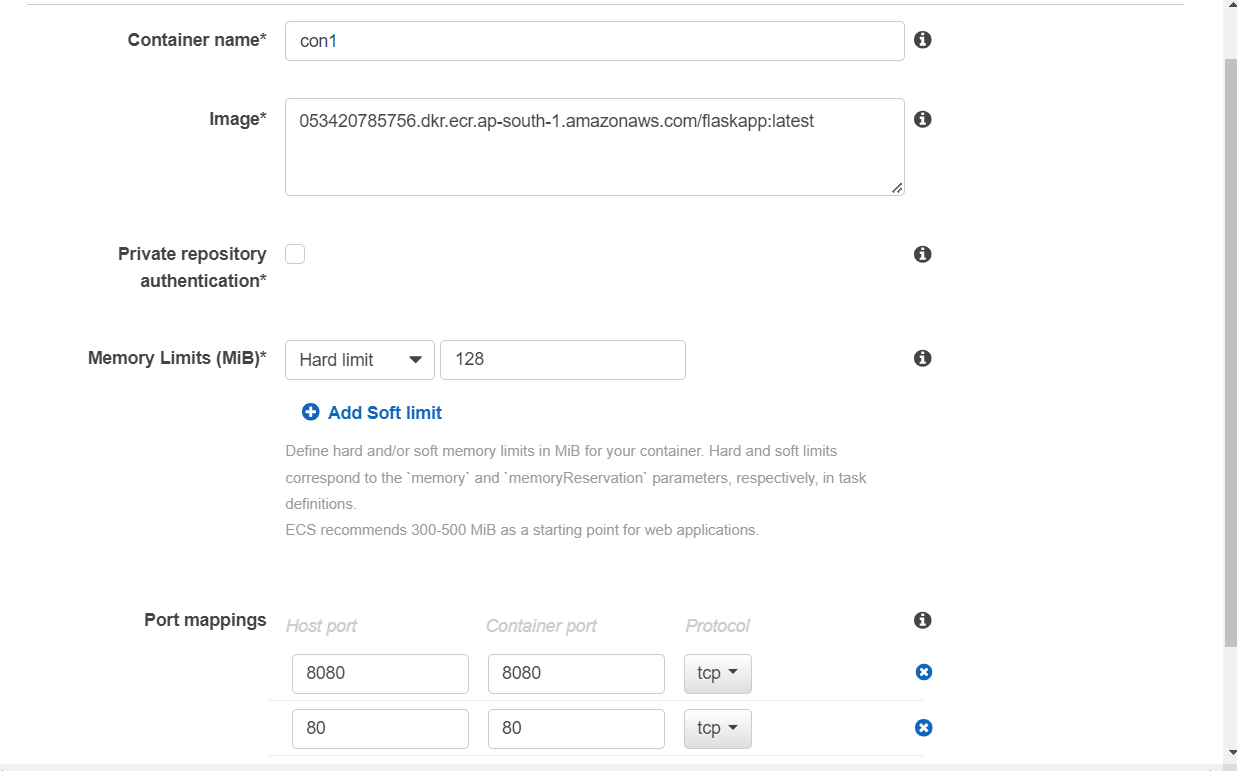


1. **Cloud Formation Deployment**

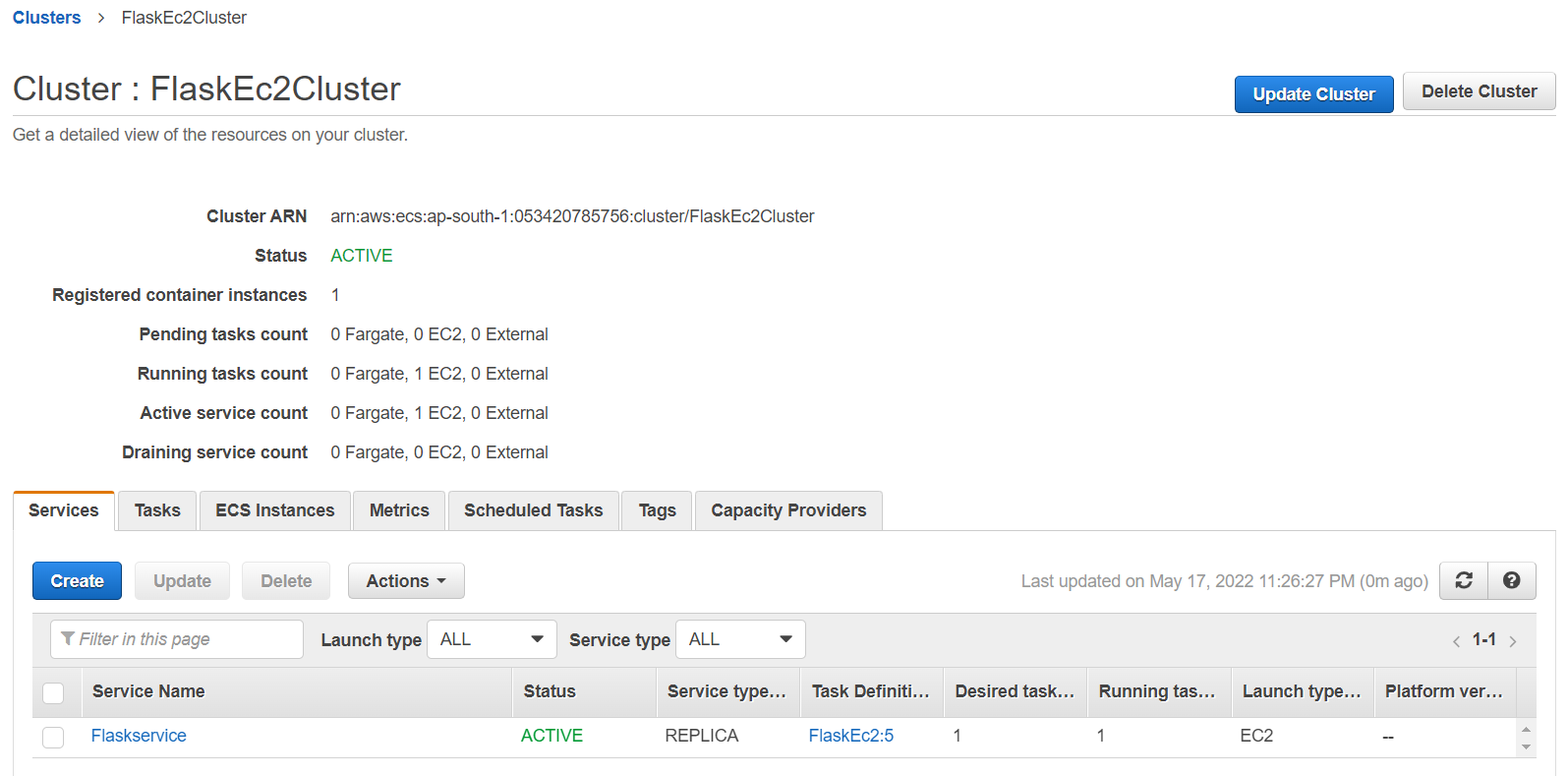
**Task Definition :**



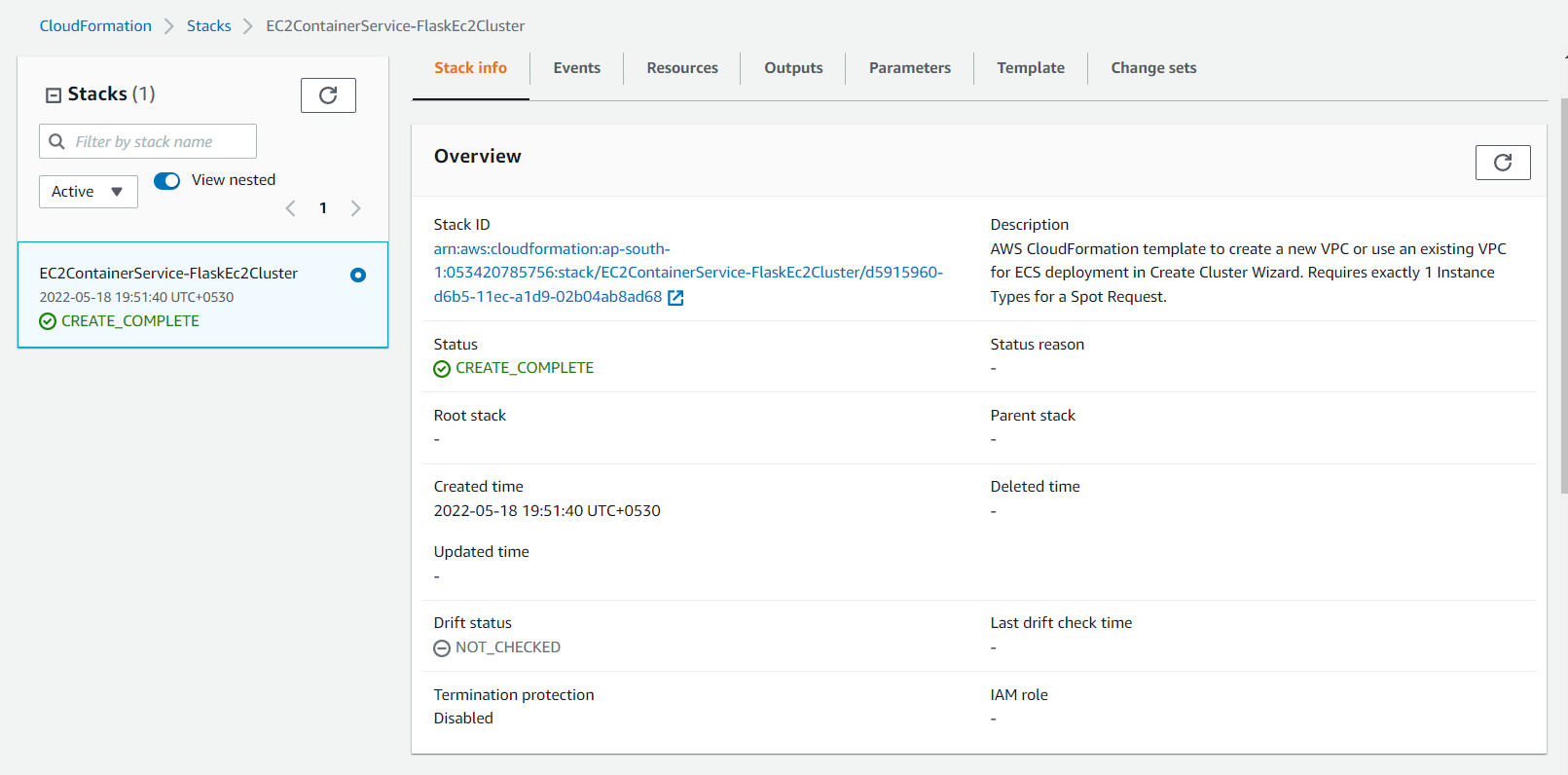




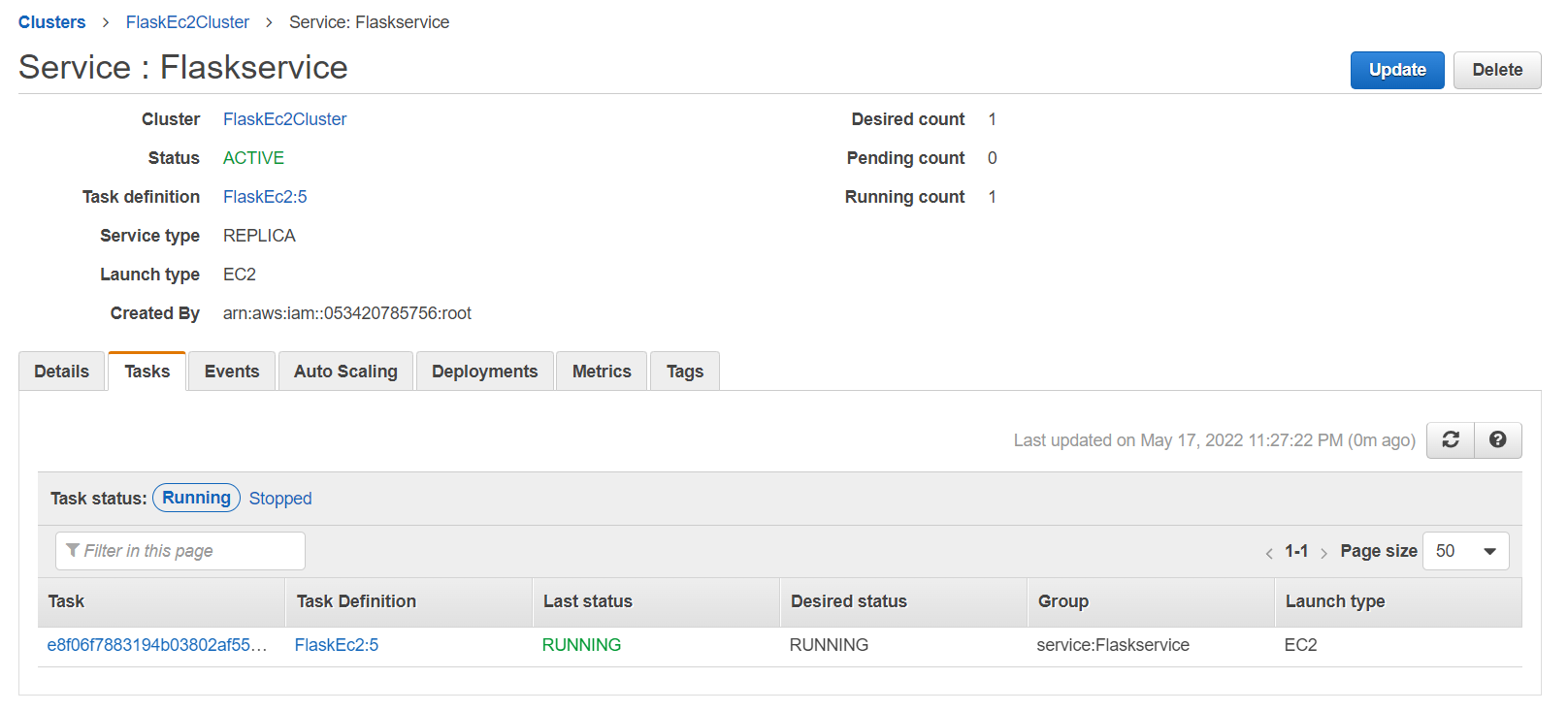
**Cluster :**



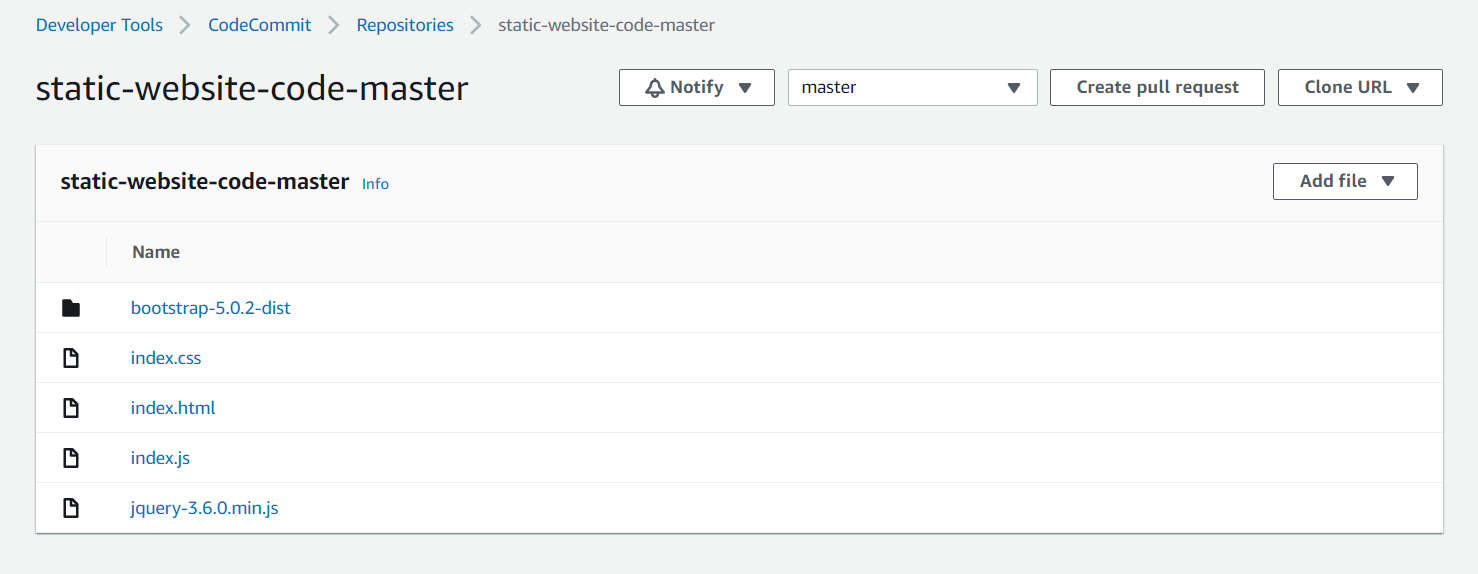
**Cloud Formation Stack Created .**



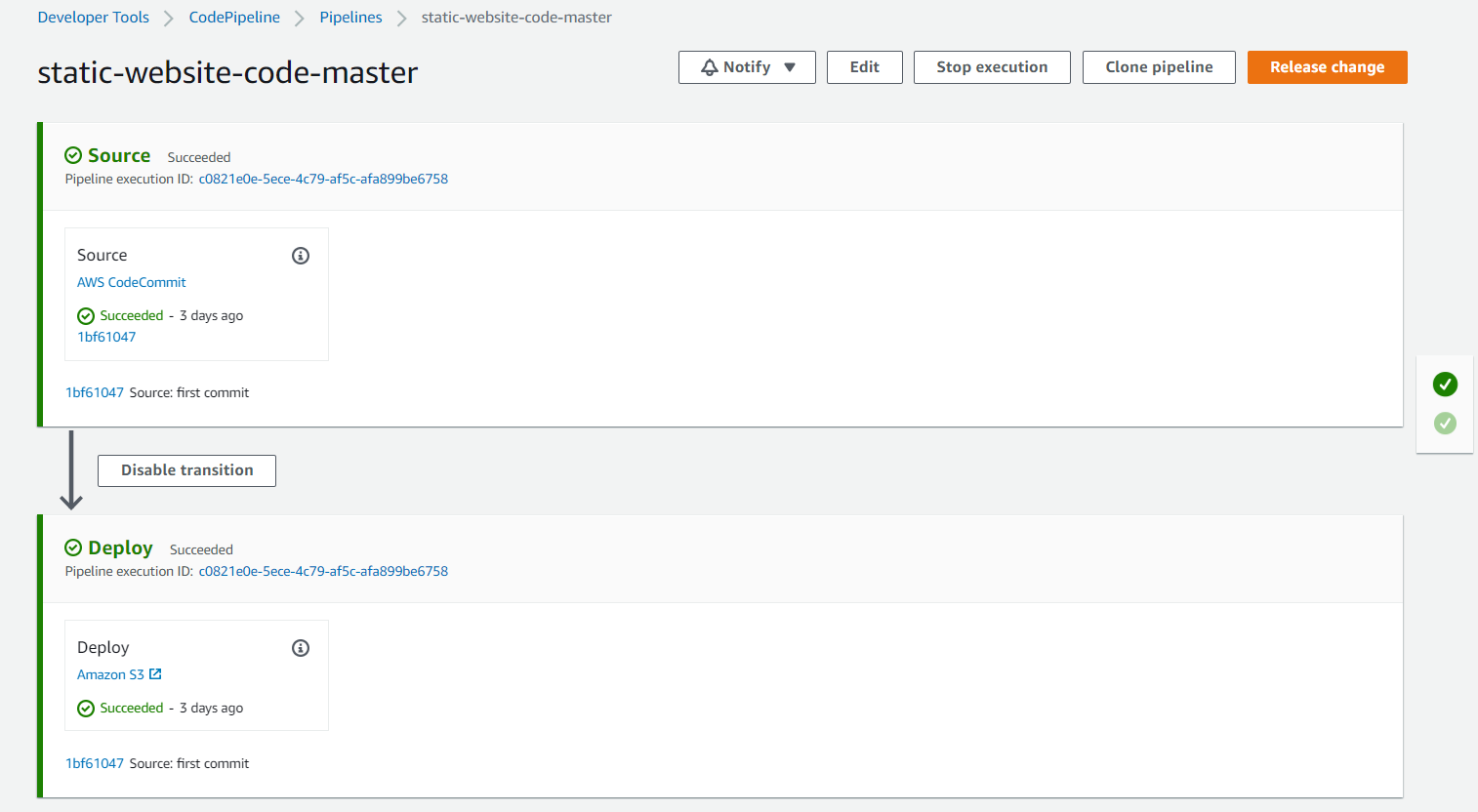
**Service :**



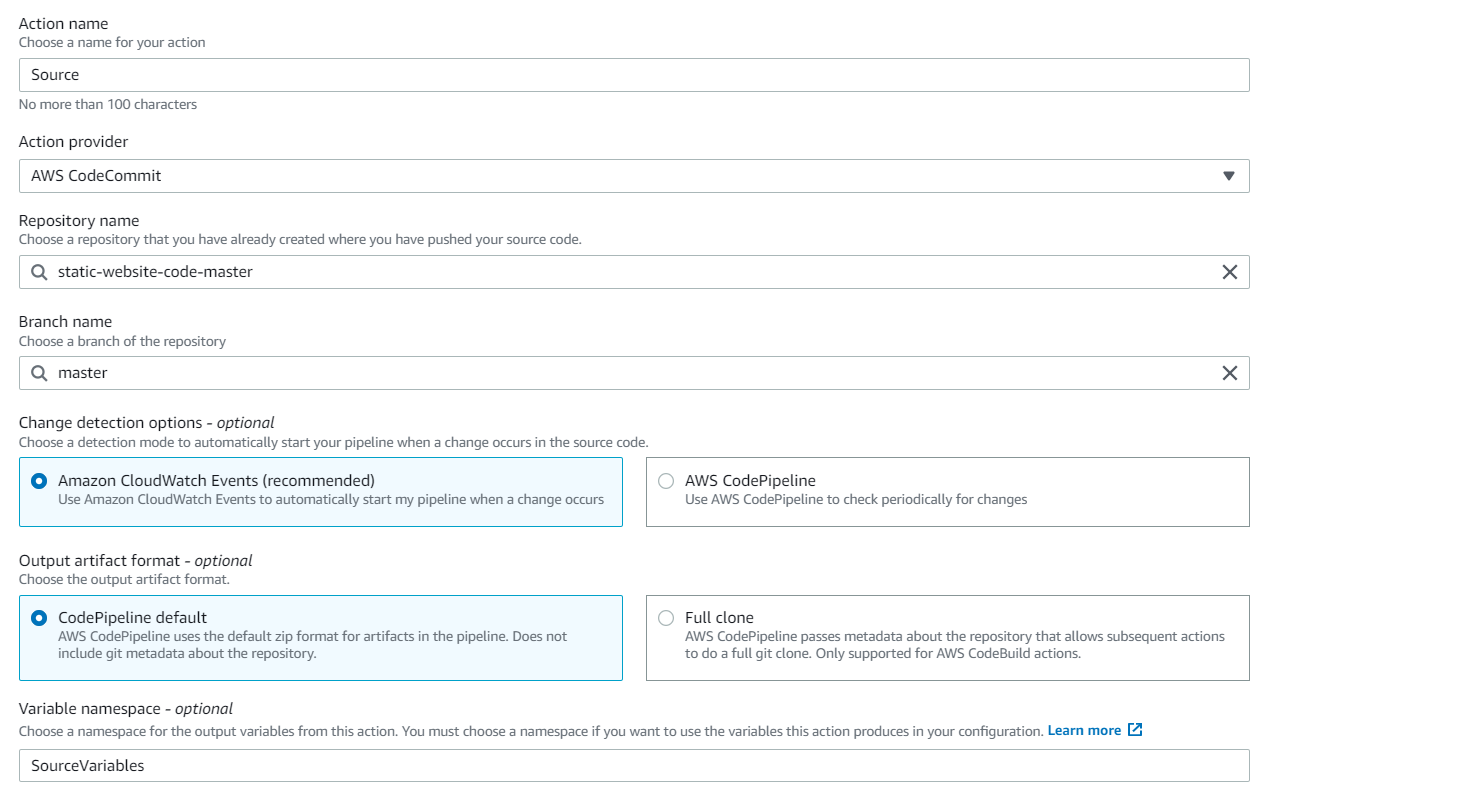
1. **Code Repository for the Static Website**



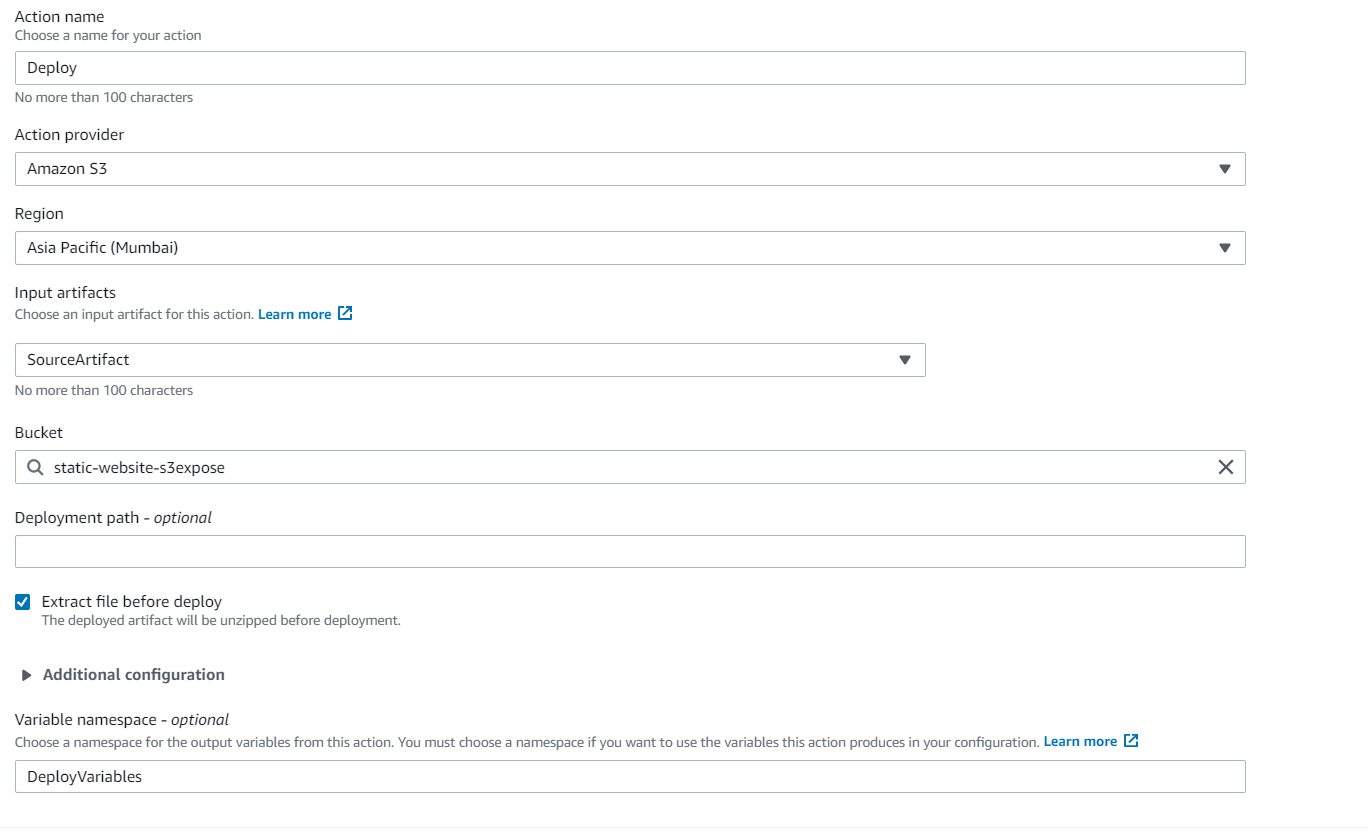
1. **Pipeline to deploy Static Website [with bucket created]**



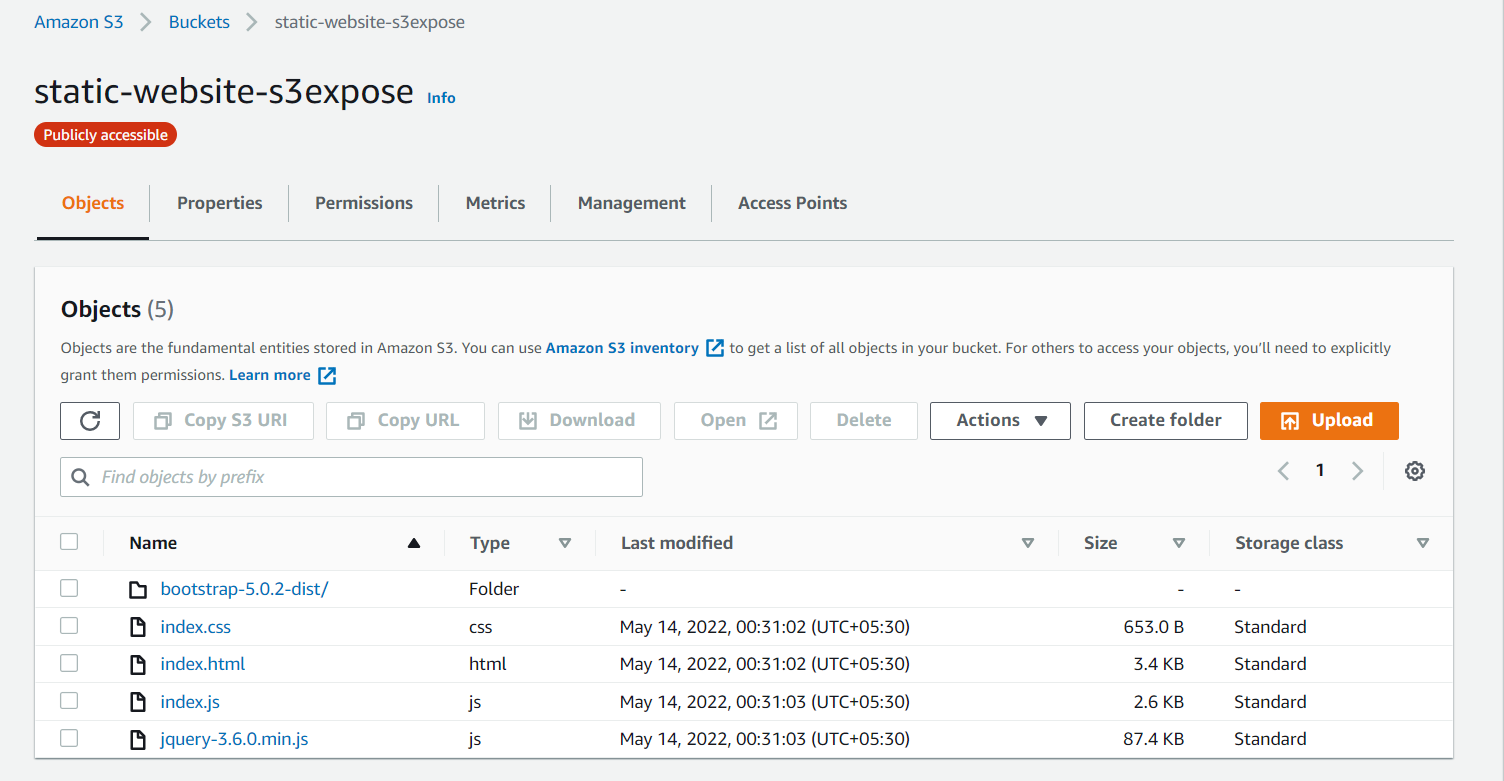
**Source :**



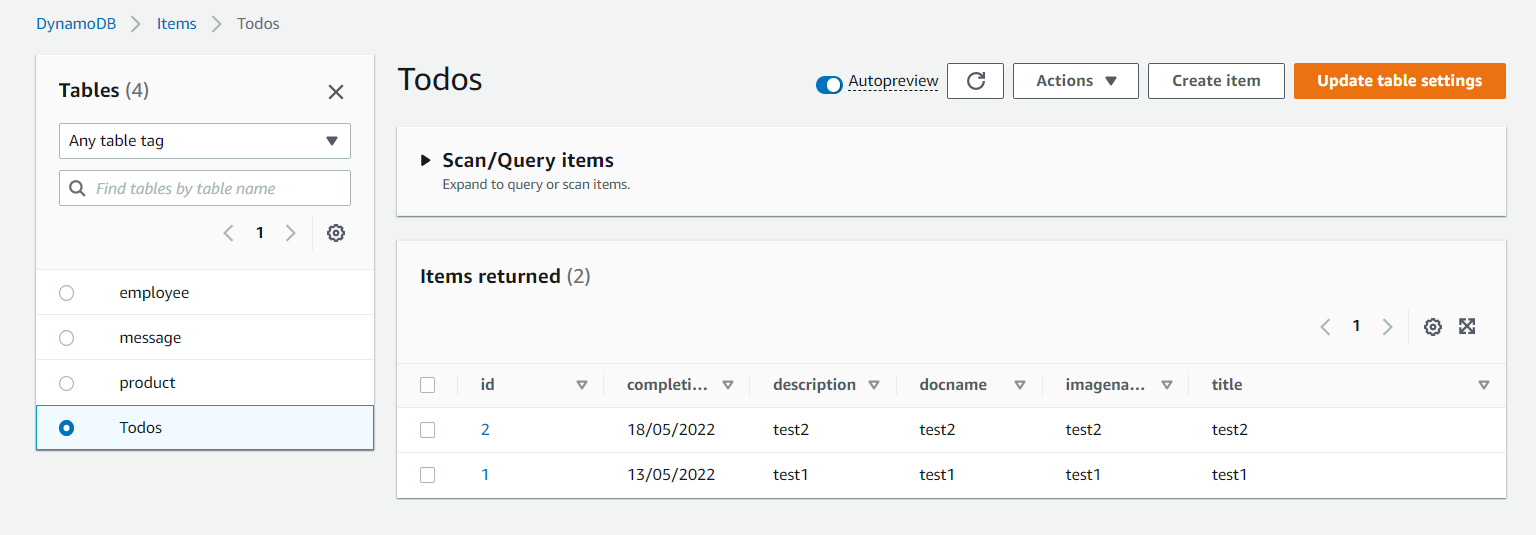
**Deploy :**



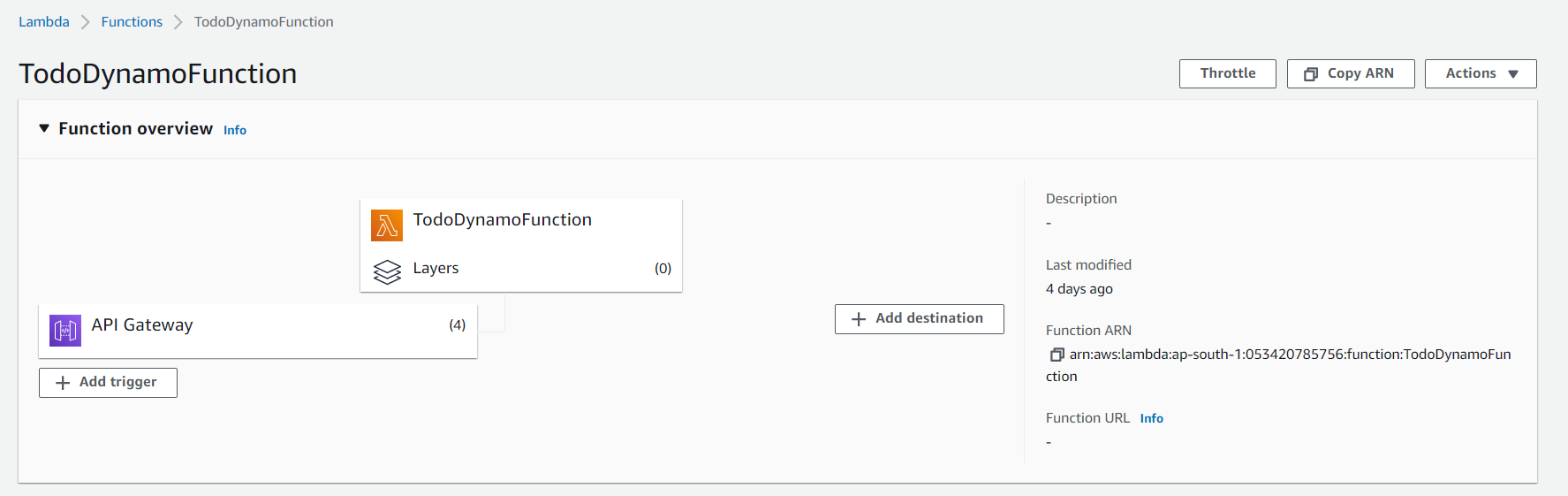
**Bucket which exposing Static Website:**



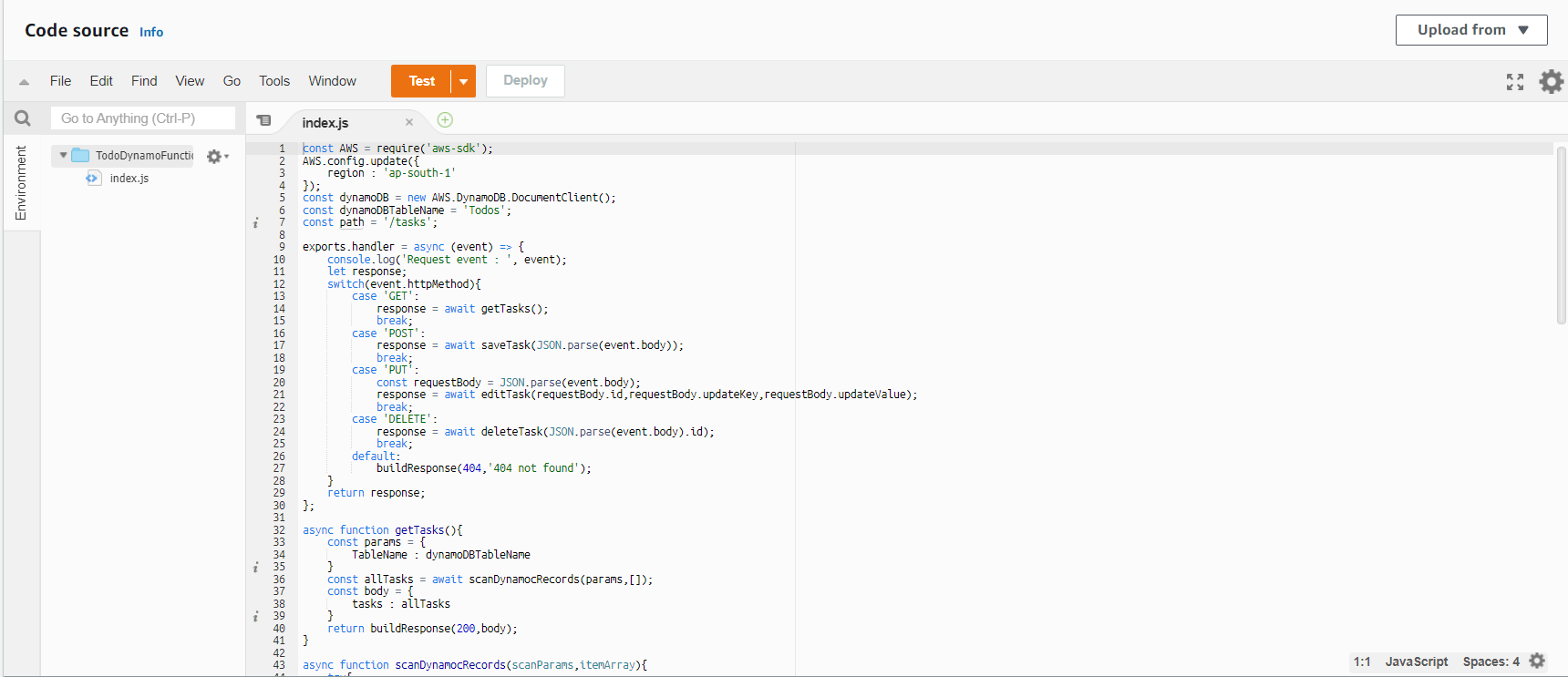
1. **Dynamo DB table creation**

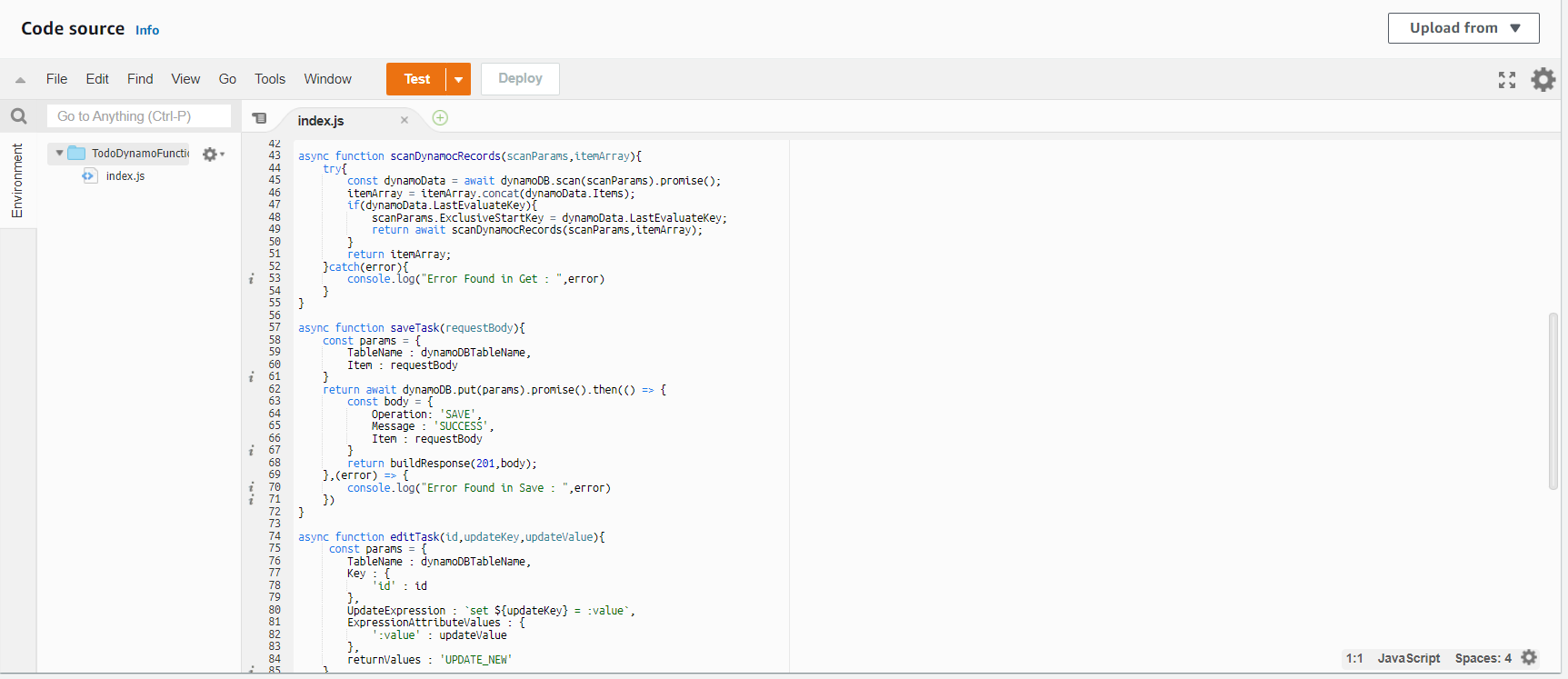


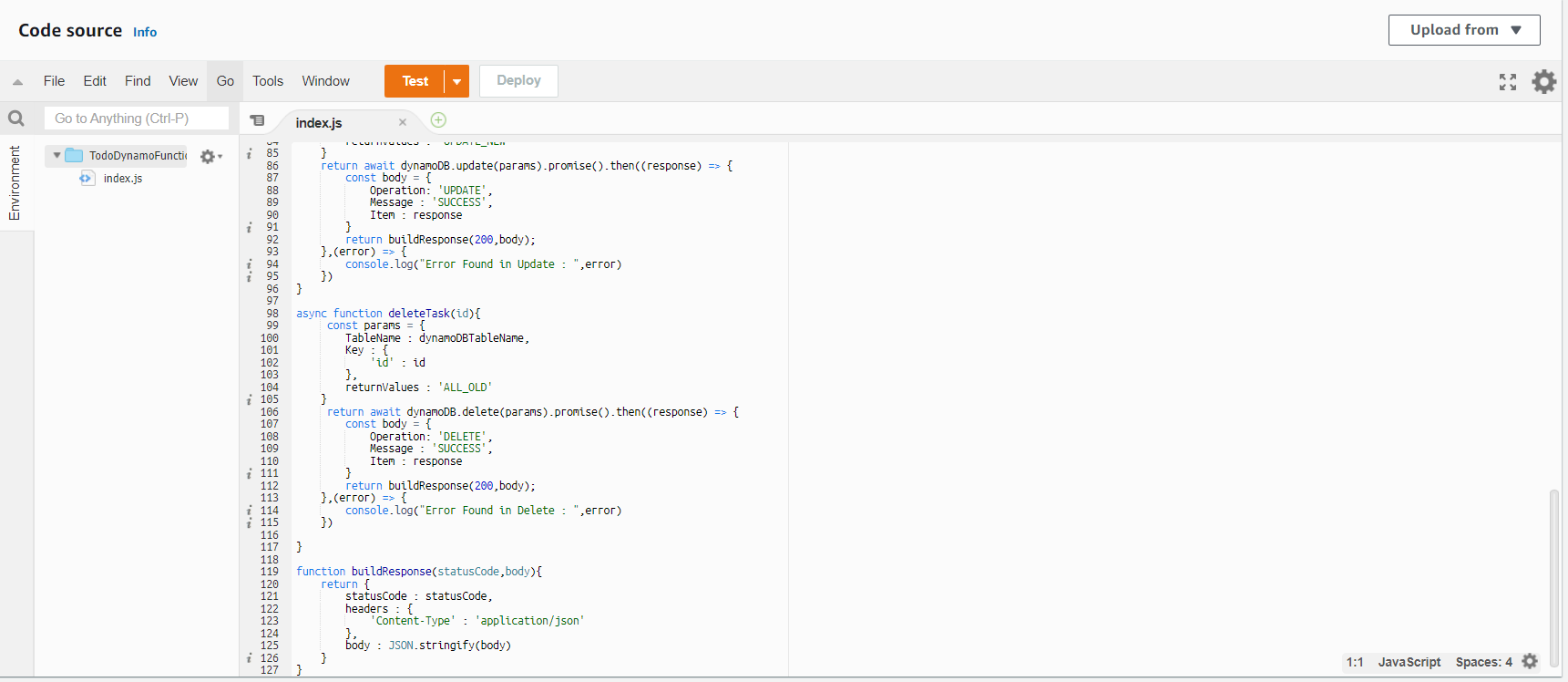
1. **Crud Gateway Using Lambda**



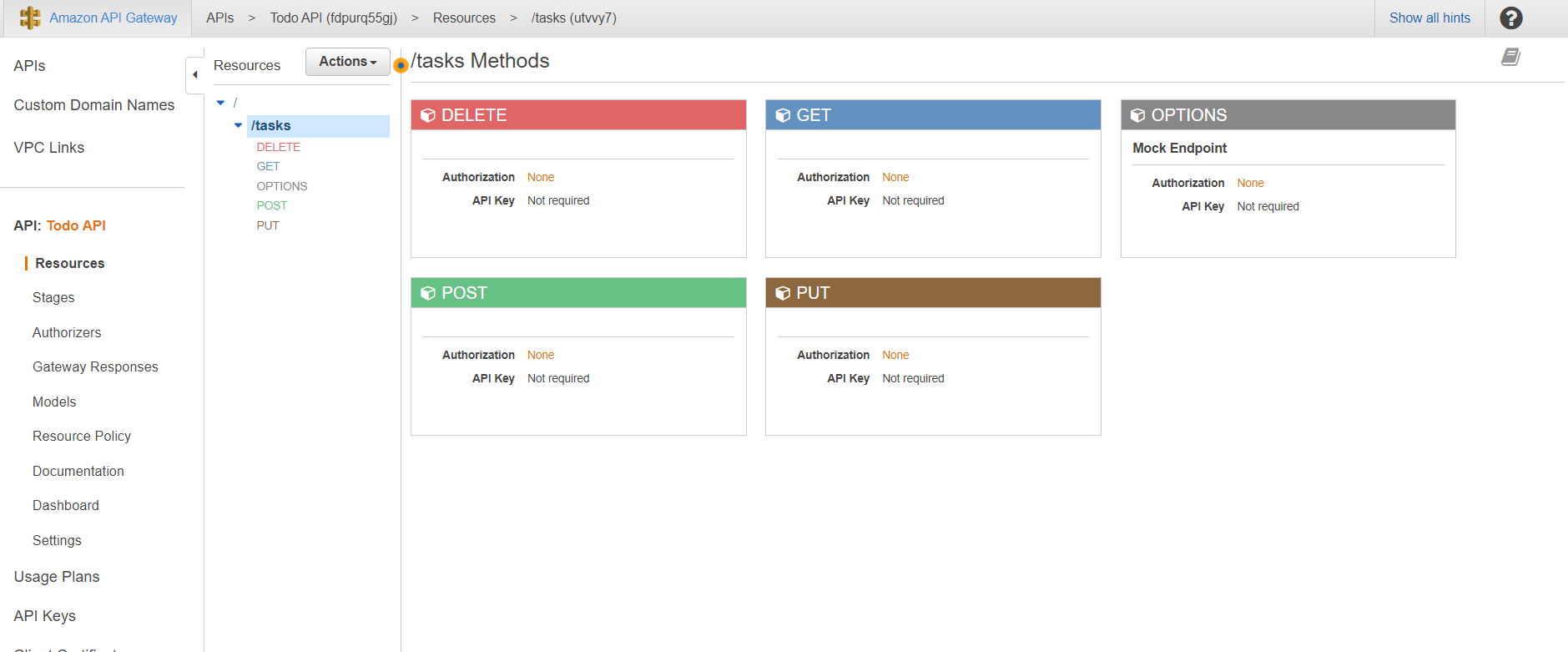
**Source Code :**



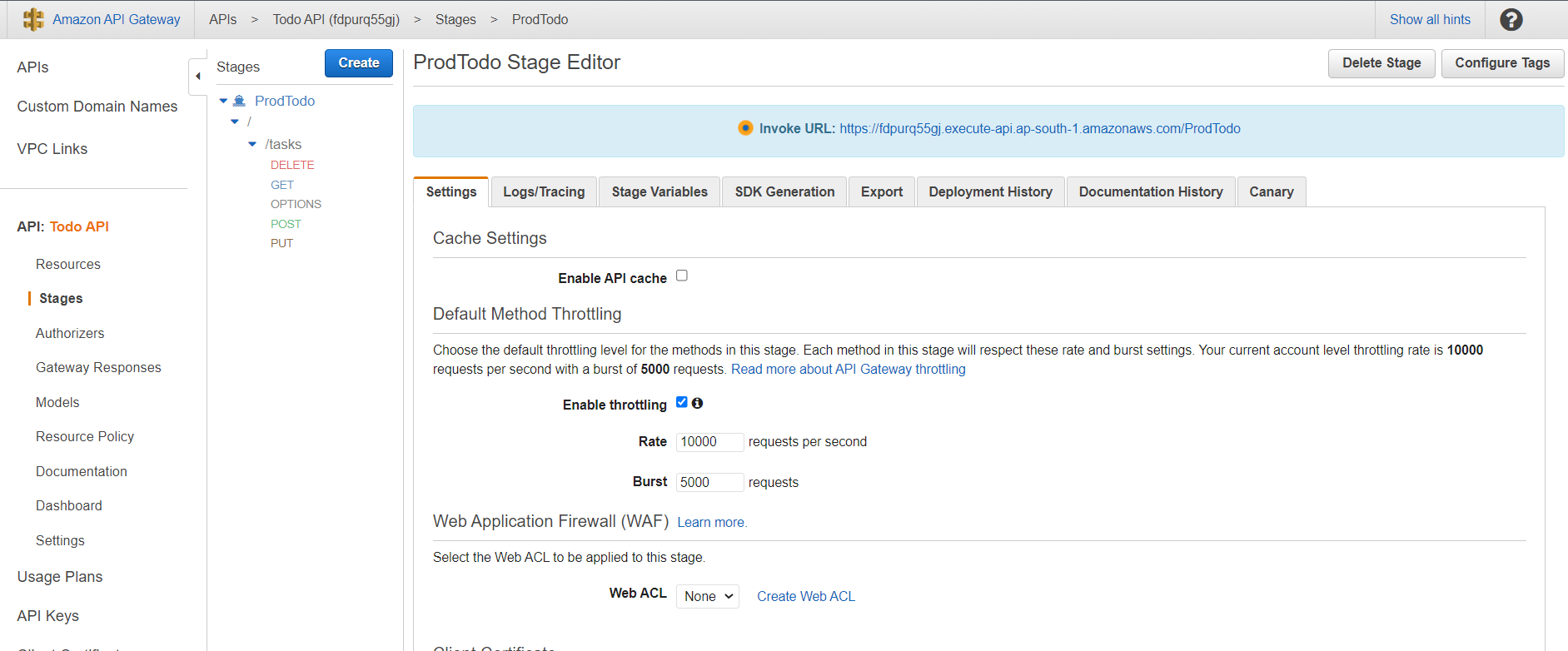




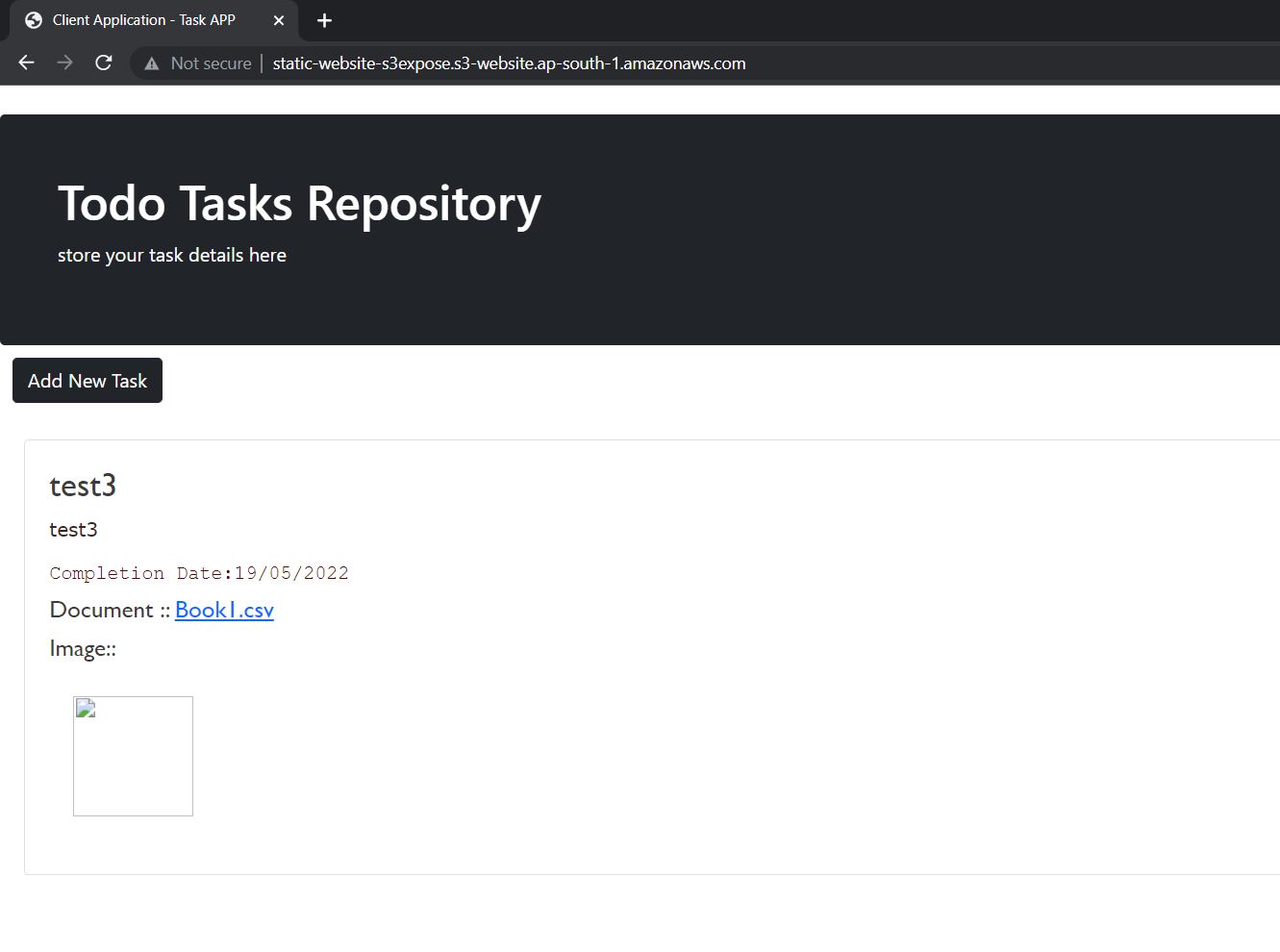
**API Gateway Resources :**



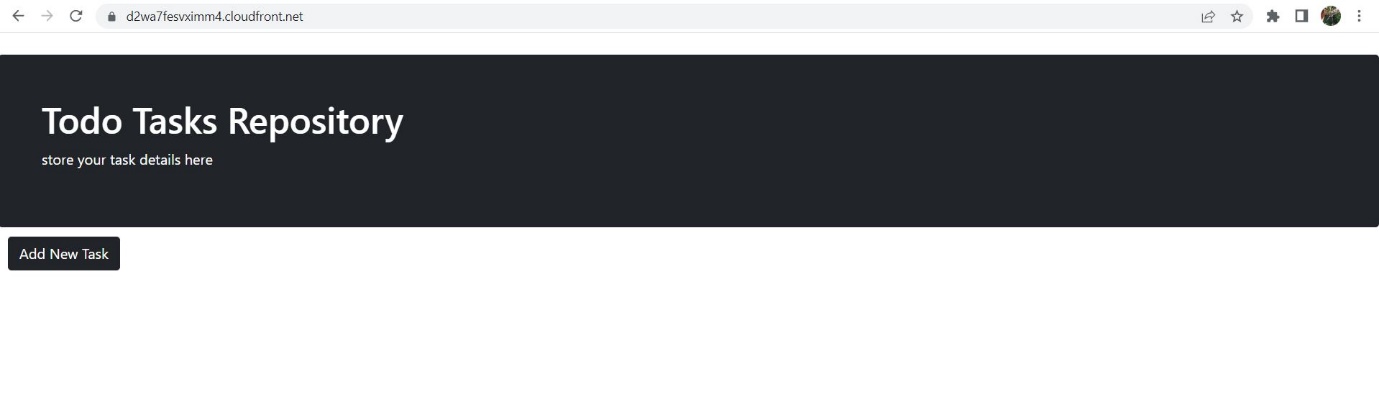
1. **API Gateway Deployment**



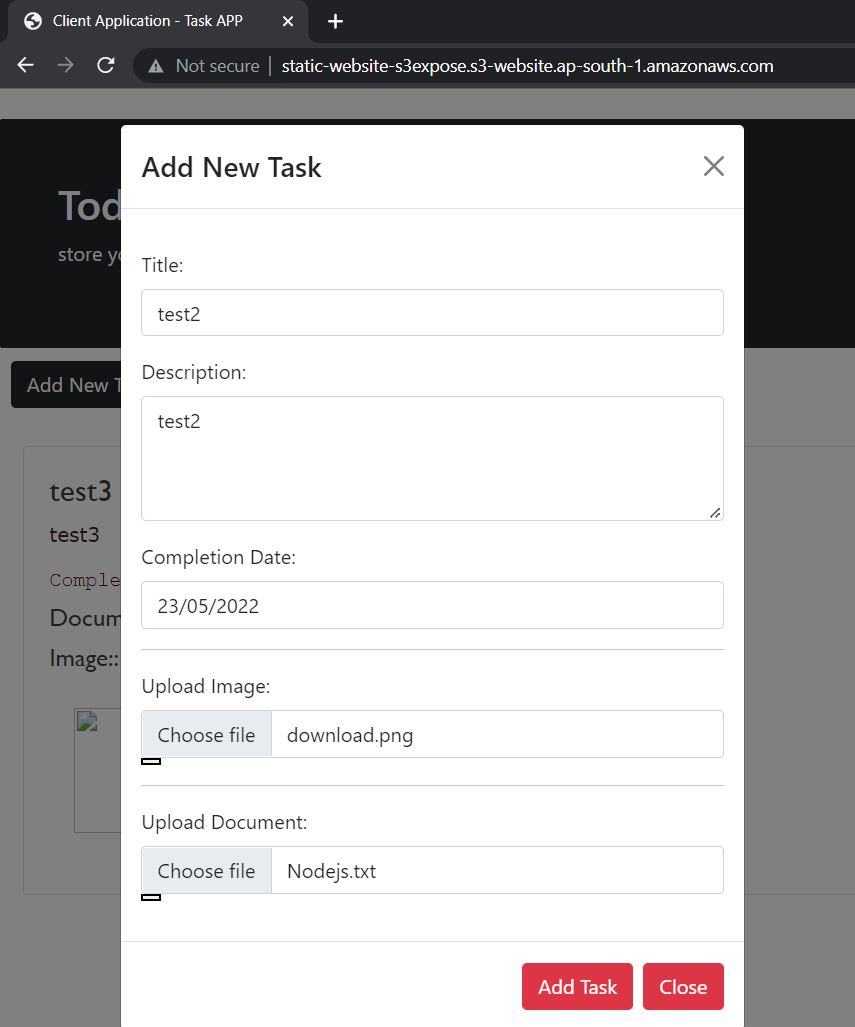
**Static website exposed in S3 :**

****

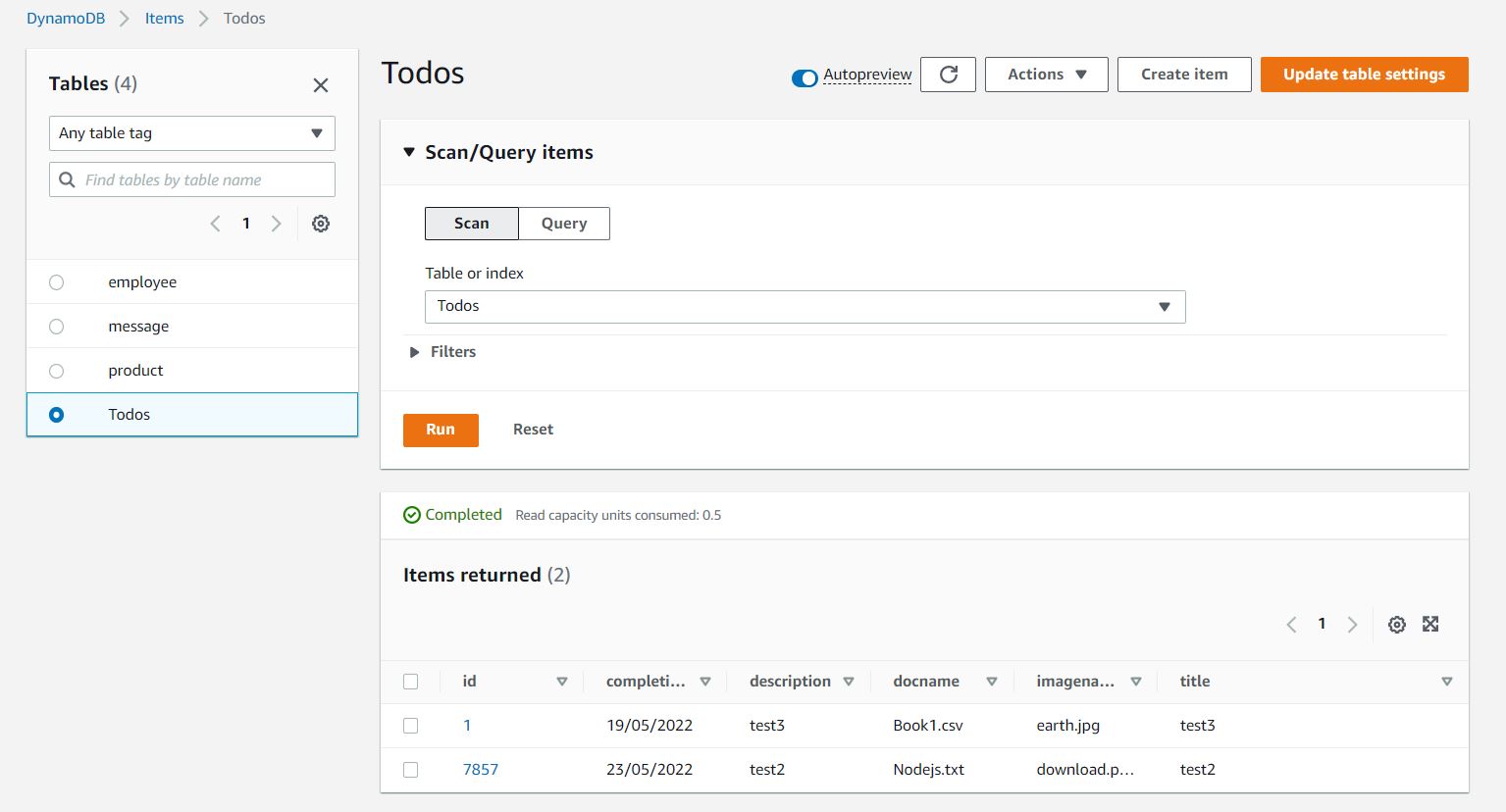
**Static Website exposed in CloudFront :**

****

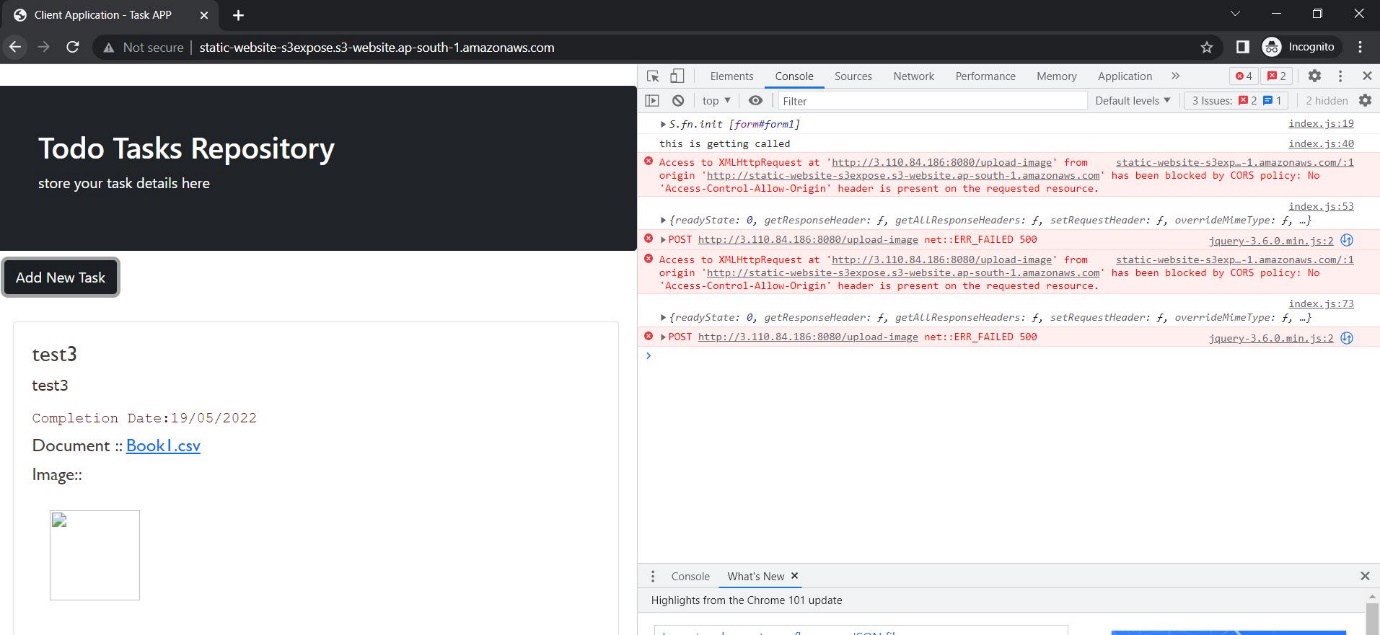
**Inserting the Record in Dynamo DB :**

****

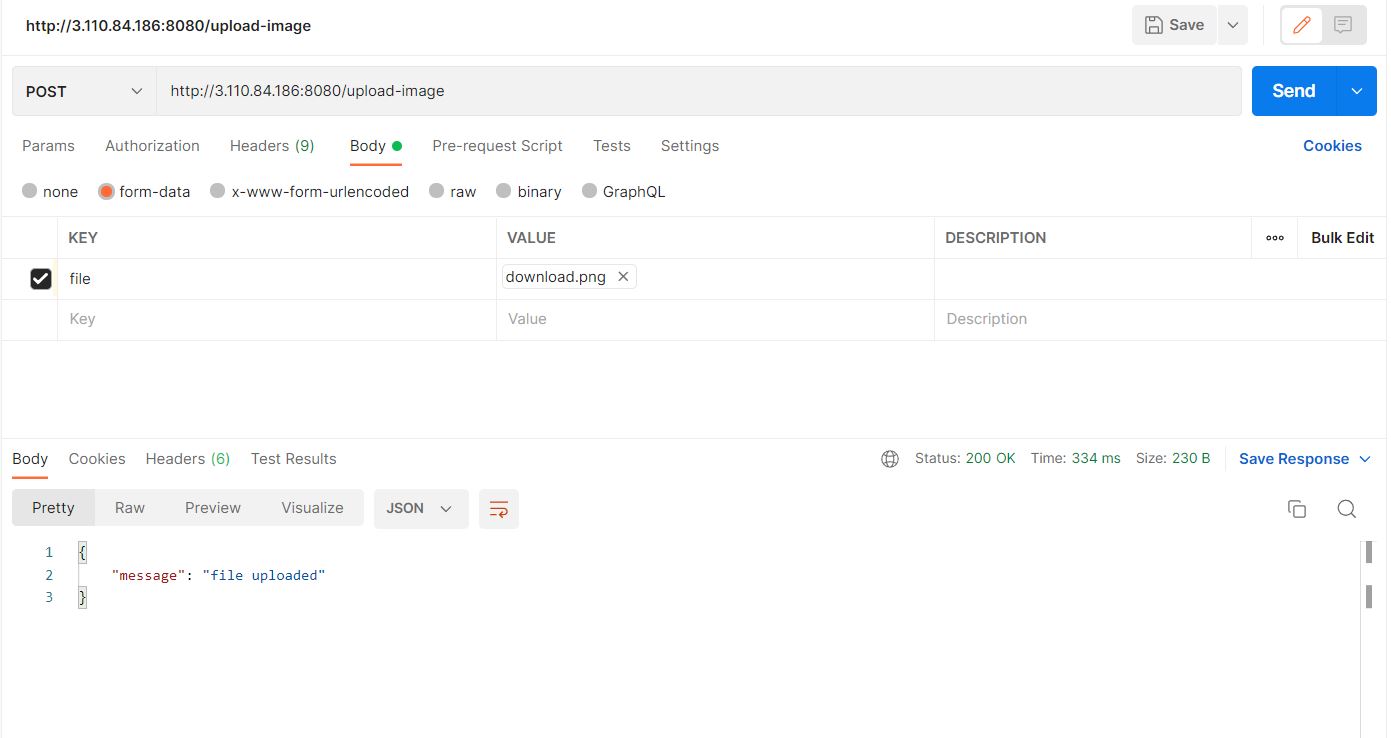
**Dynamo Db Insertion :**

****

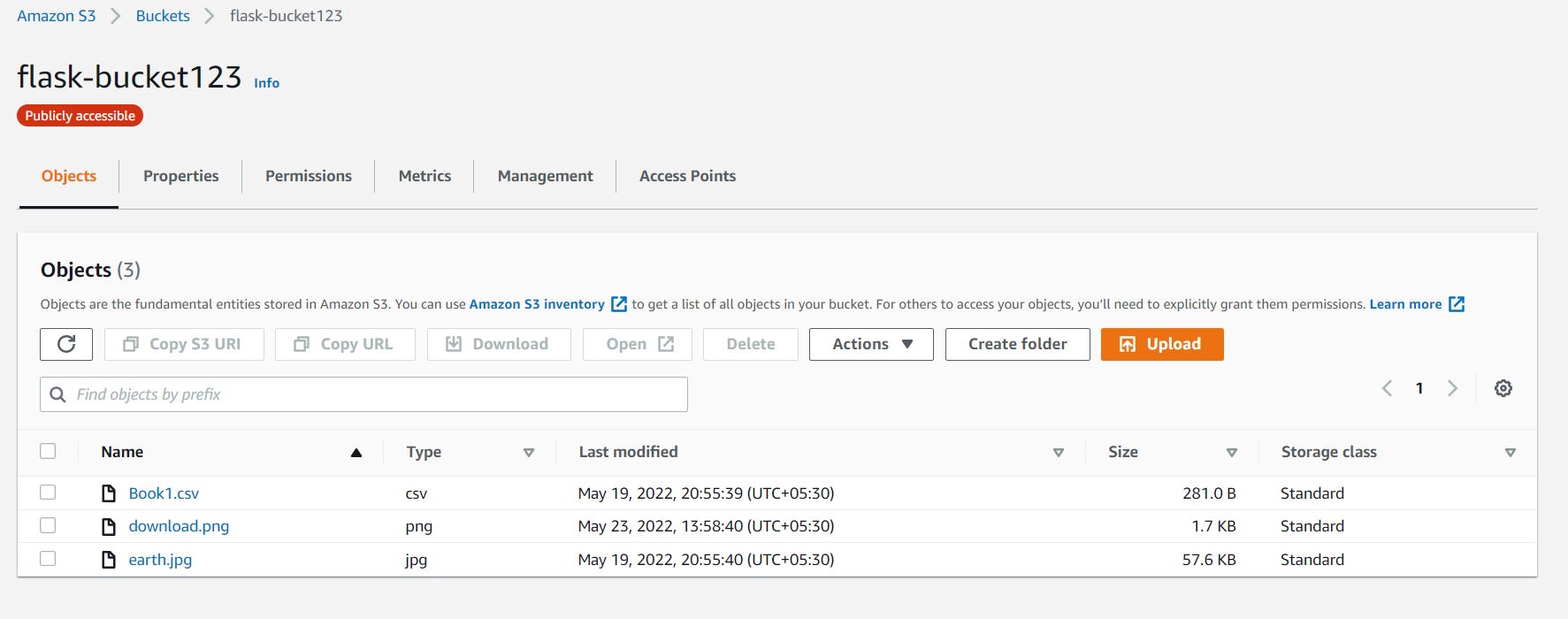
**File Upload Cross Origin issue :**

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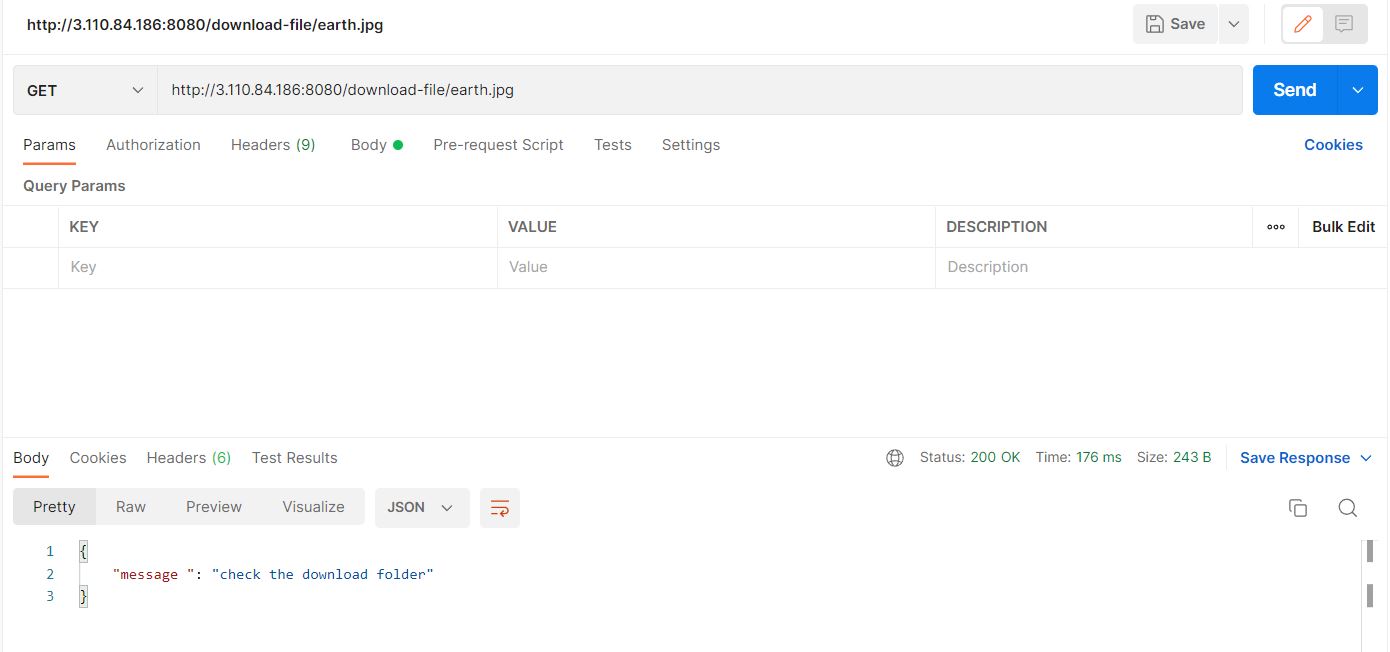
**In Postman File Upload Working :**

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**Uploaded File In S3 :**

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**File Download – Postman :**

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