**AWS Advanced Projects (Day15 – Day16)**

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**Working with Lambda:**

Step1: Create two s3 buckets with the name

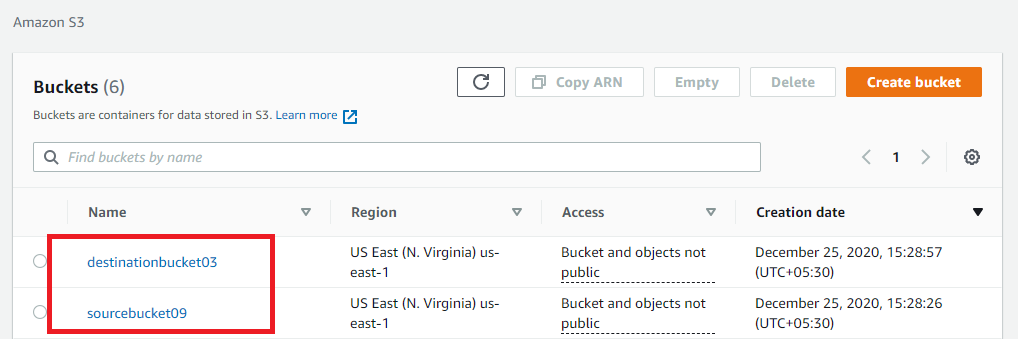
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Fig.1 S3 console

Step2: Create a policy with limited Read-write permissions using a JSON script

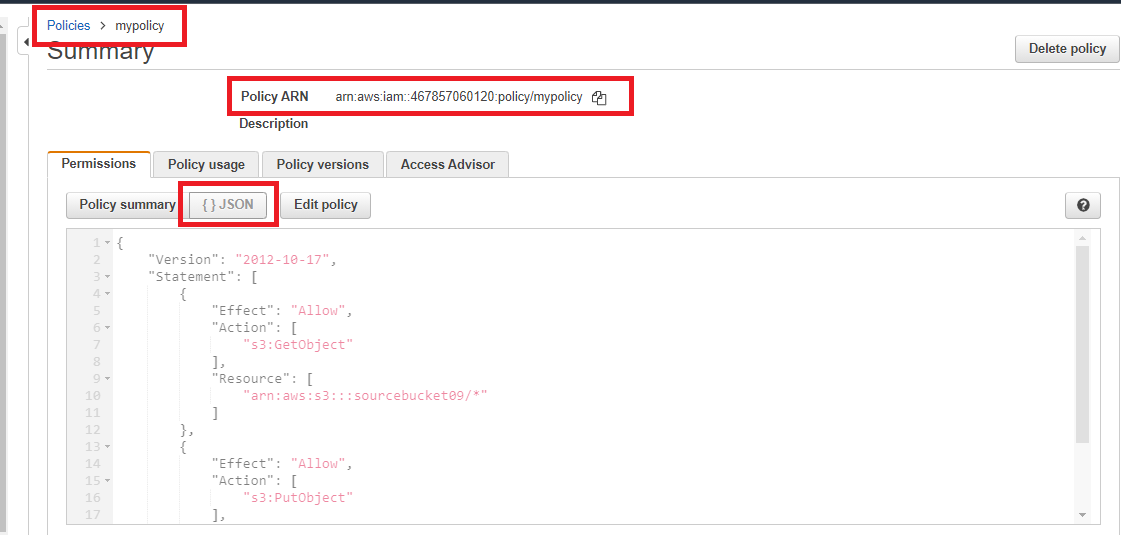


Fig.2 Json script

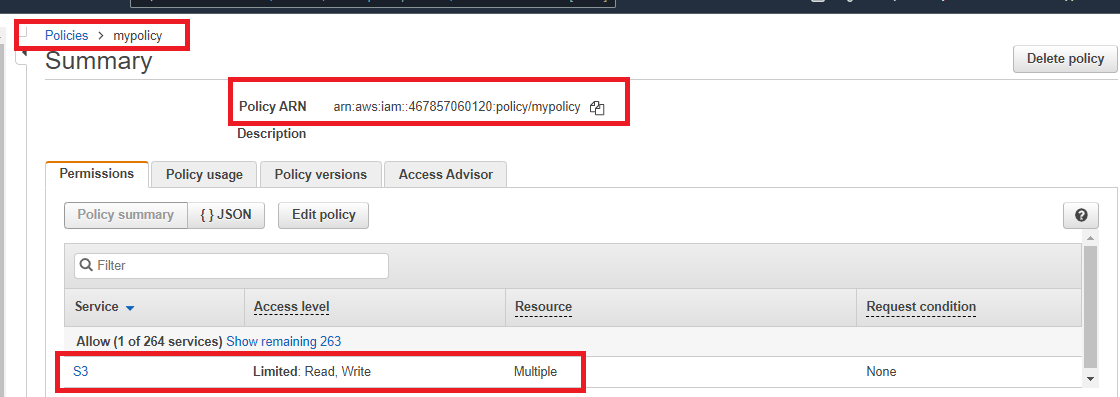


Fig.3 Policy console

Step3: Create a role and attach the policy that was created in the previous step.

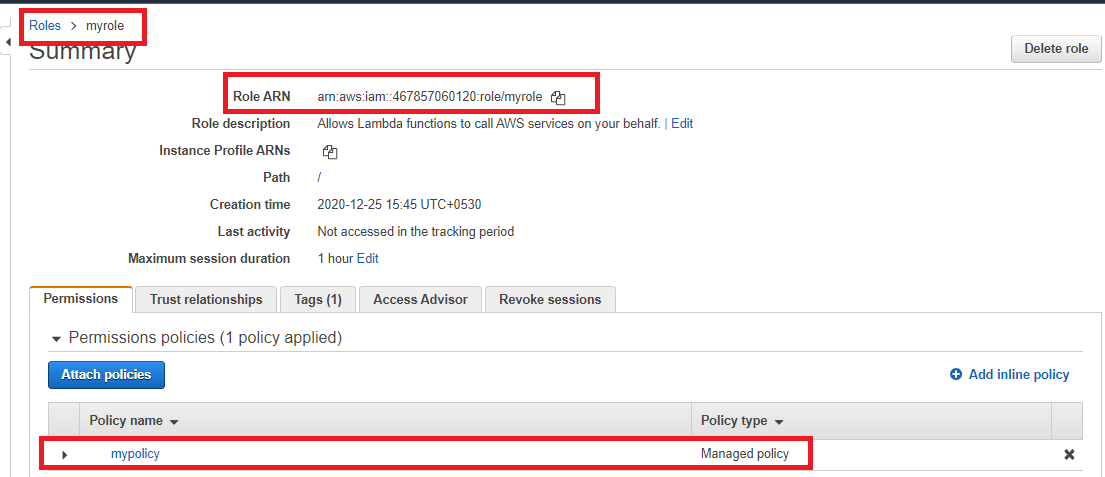


Fig.4 Role console

Step4: Create a Lambda function

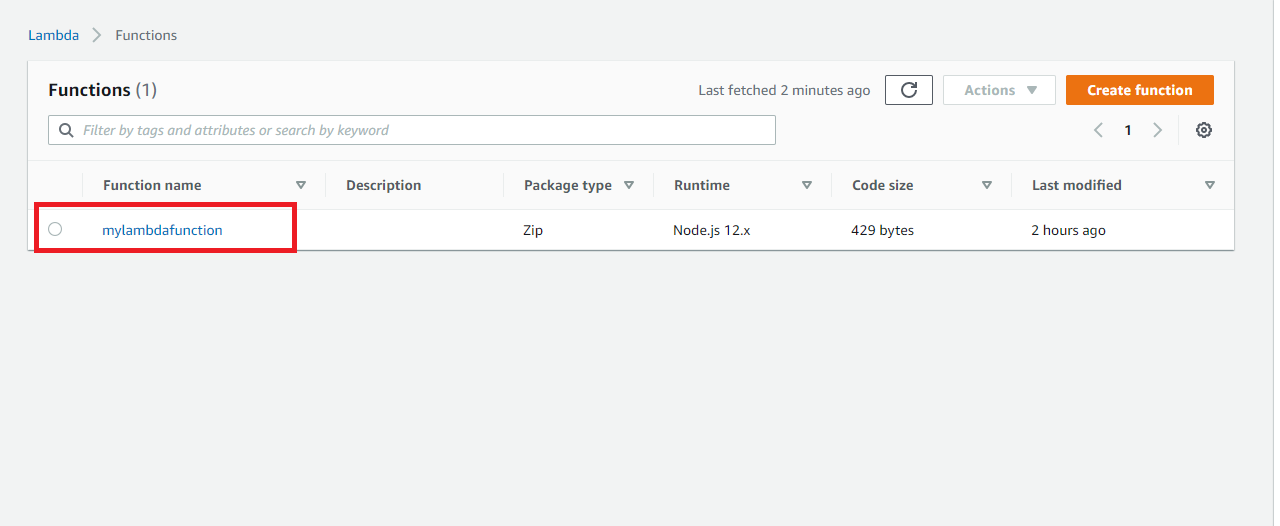
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Fig.5 Lambda dashboard

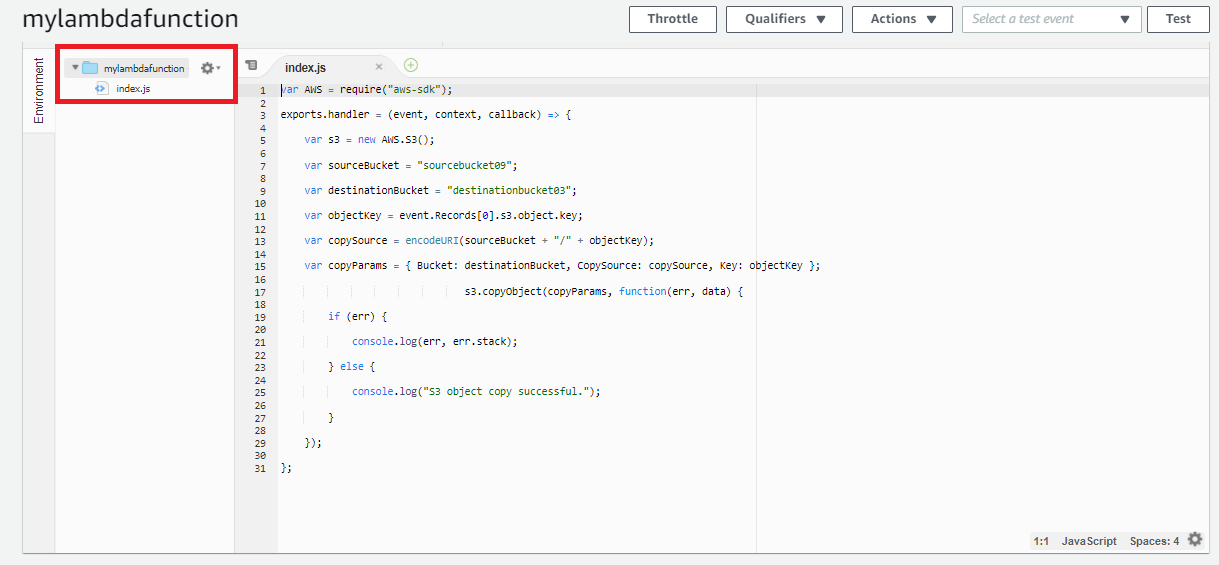


Fig.6 js file edited

Step5: Adding triggers to the lambda function

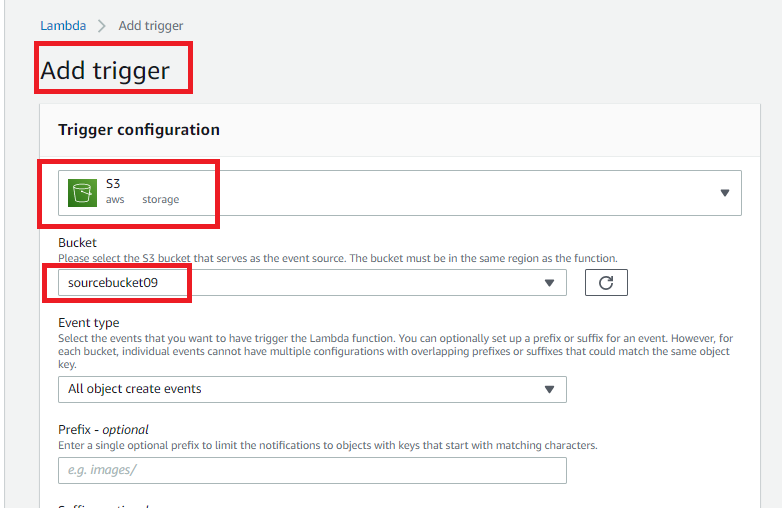


Fig.7 Adding trigger

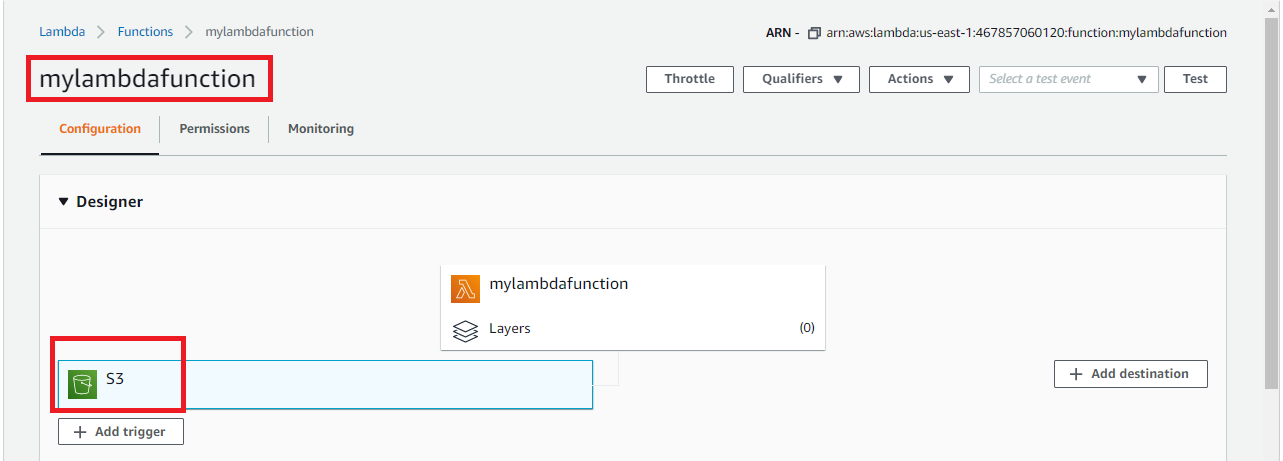


Fig.8 lambda configuration page with trigger added

Step 6: Test by uploading objects into the source bucket

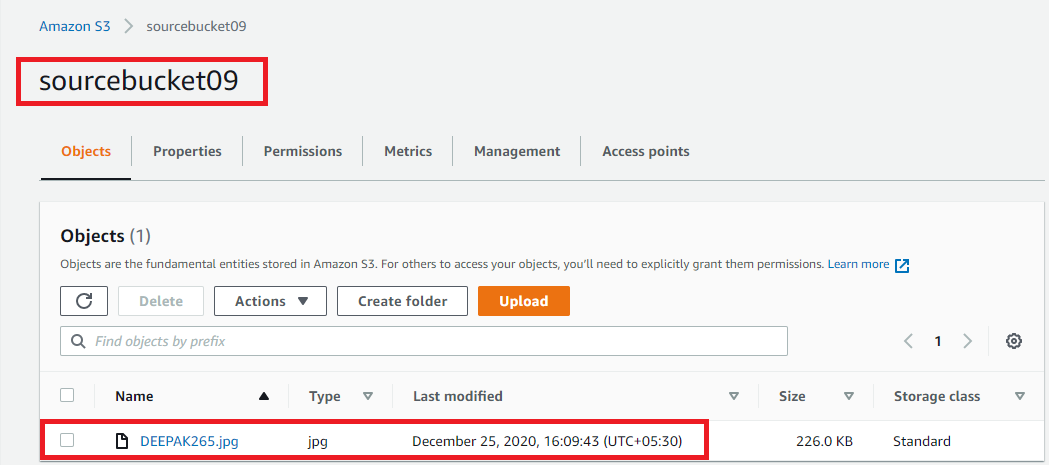
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Fig. 9 object uploaded in the source bucket

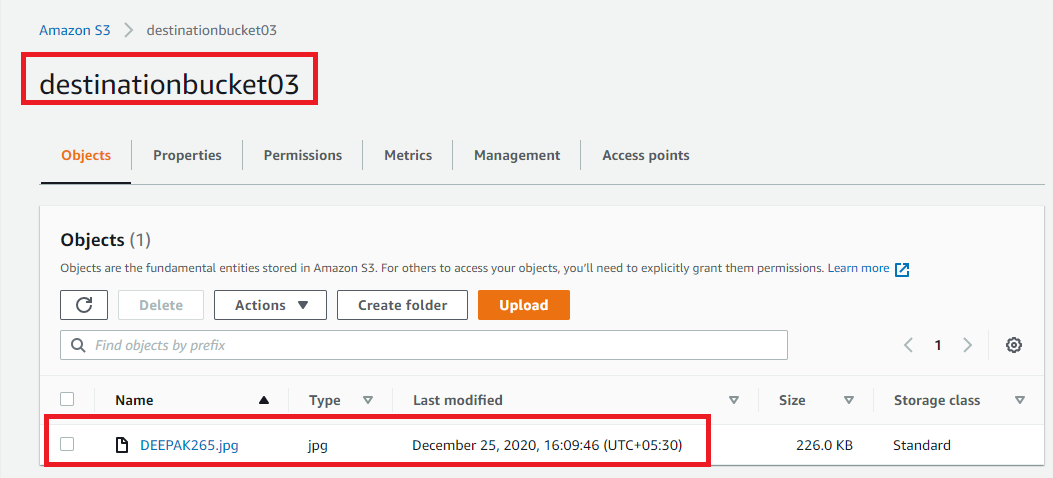


Fig. 10 object replicated in the destination bucket.

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**Working with Elastic container service using fargate:**

Step1: Getting started with amazon ECS using fargate



Fig. 1 ECS console

Step2: Creating container and task definition

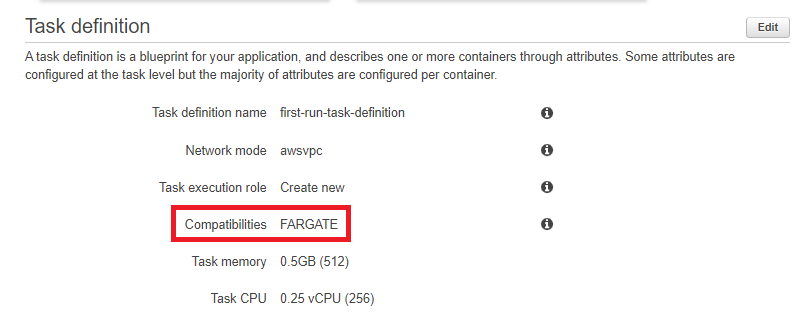


Fig. 2 Task definition

Step3: Configuring the service

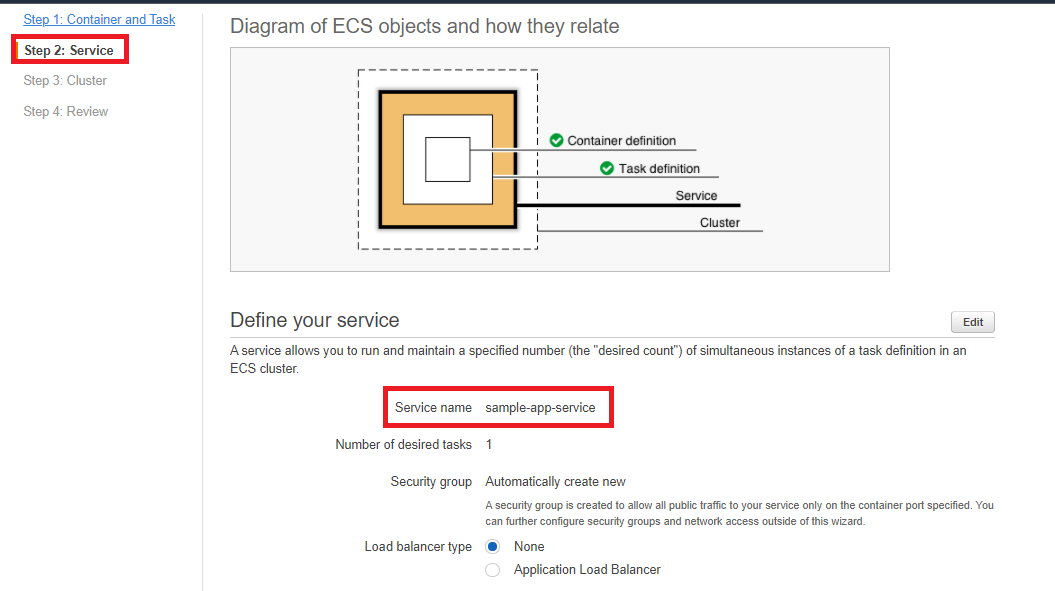


Fig. 3 service panel

Step4: Configuring the cluster

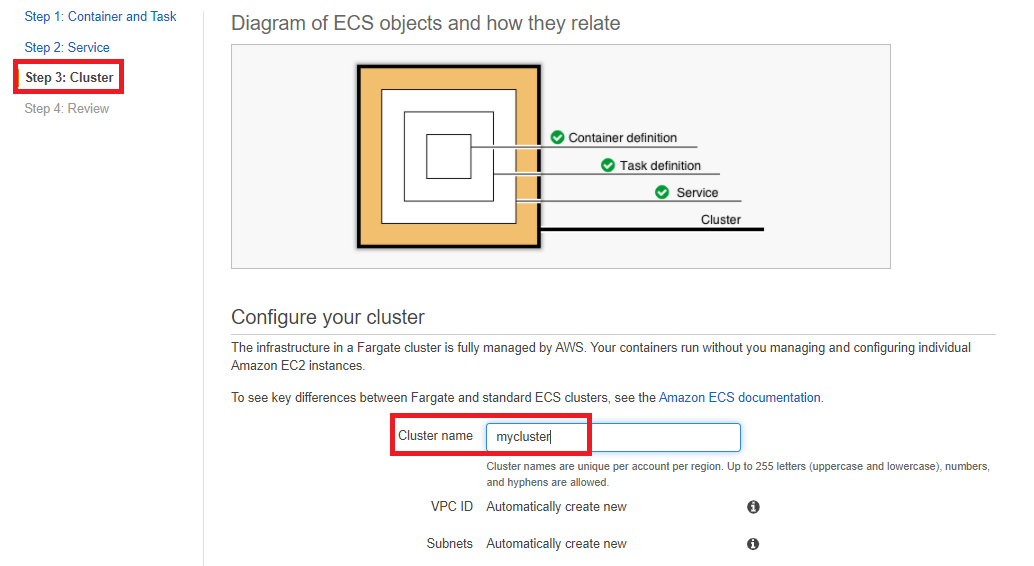


Fig. 4 cluster panel

Step5: viewing the service

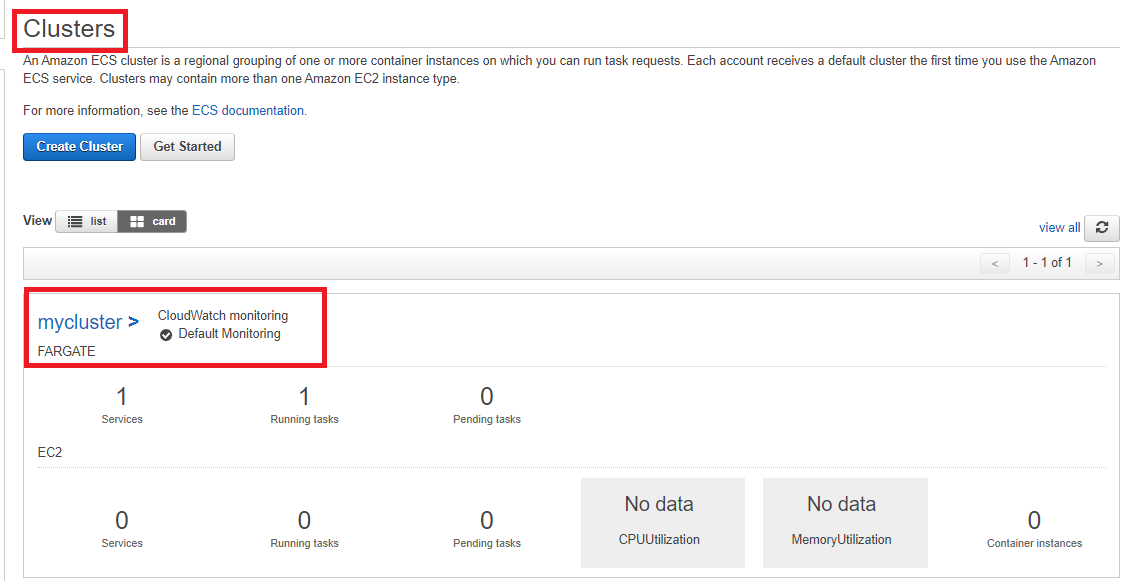


Fig. 5.1 Cluster Dashboard

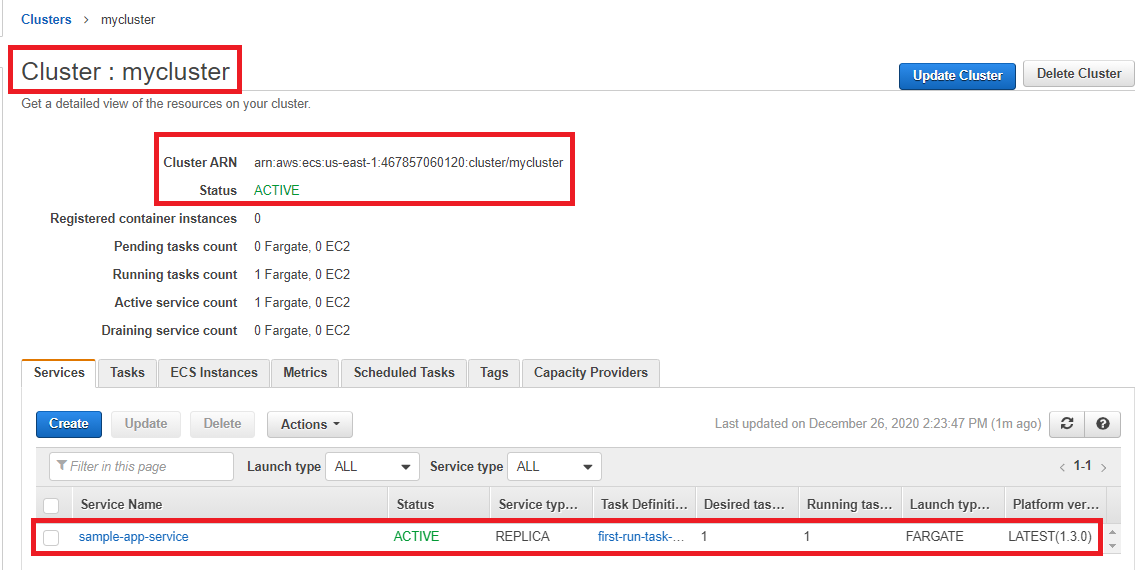


Fig. 5.2 Cluster Information

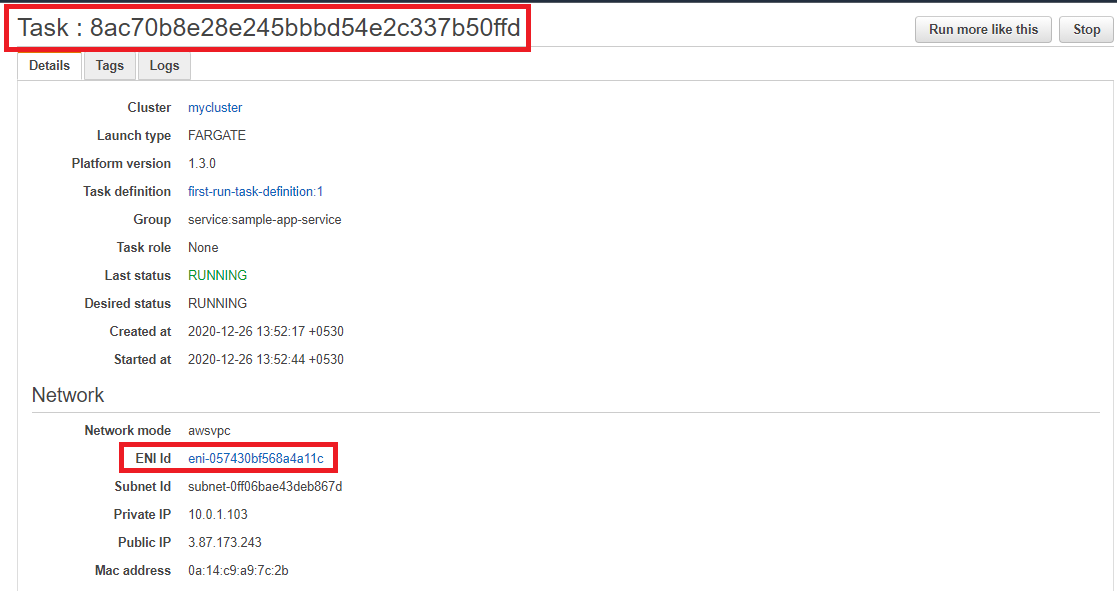


Fig. 5.3 panel displaying ENI ID

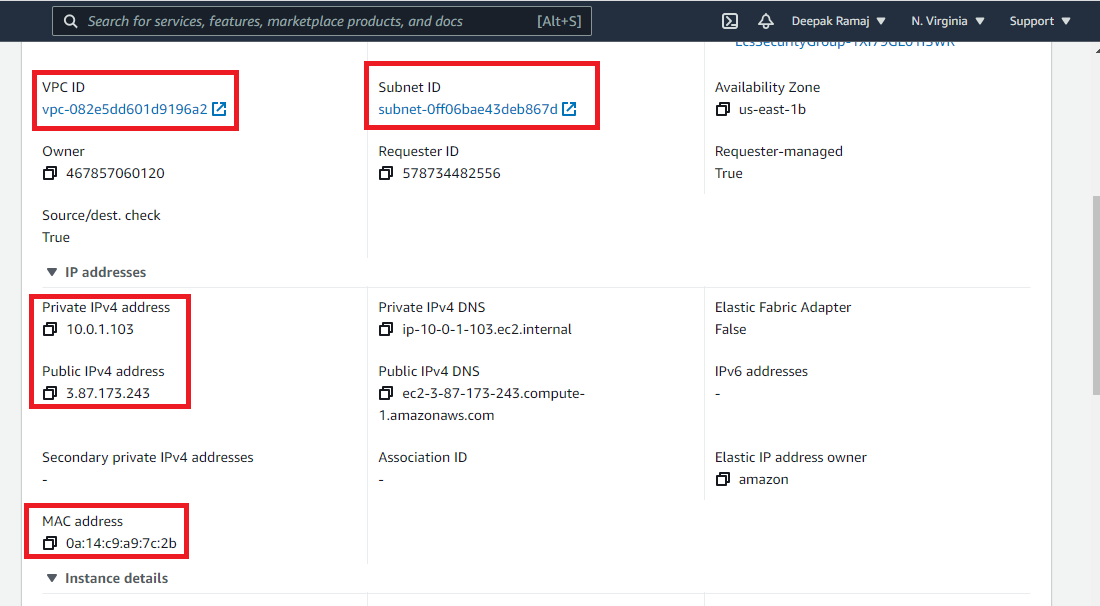


Fig. 5.4 Panel displaying the private, public, and the macid

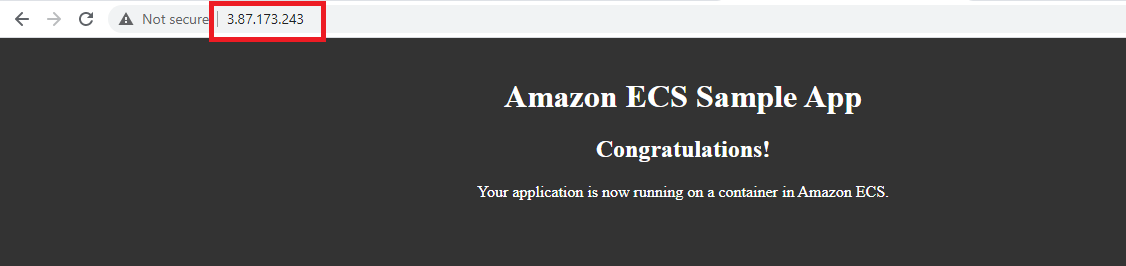


Fig. 5.5 Display application