

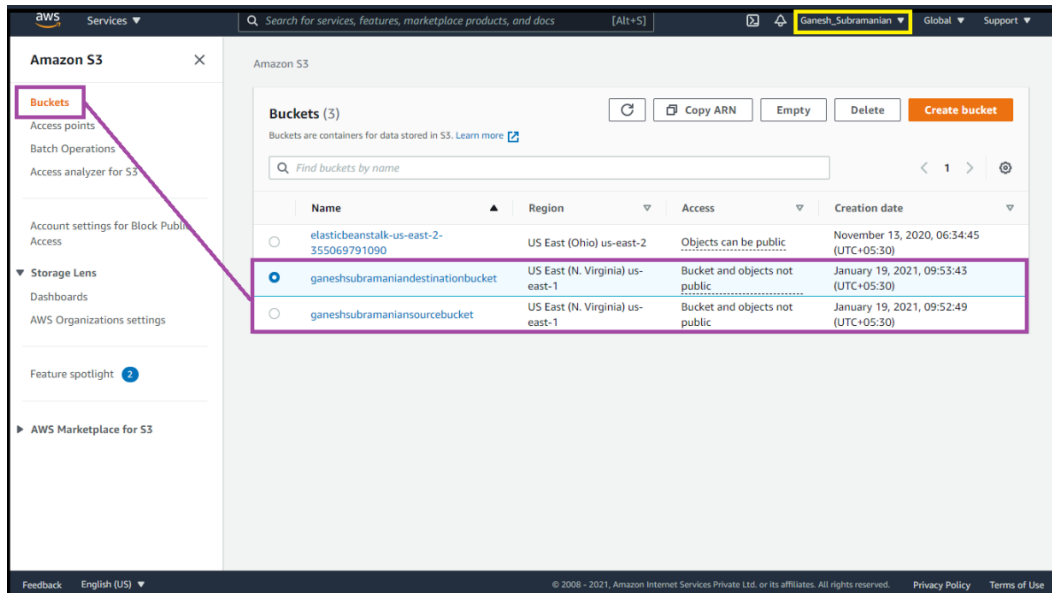
Question 1: Working with Lambda

Step1: Create two s3 buckets with the name

Sourcebucket **arn:aws:s3:::ganeshsubramaniansourcebucket**

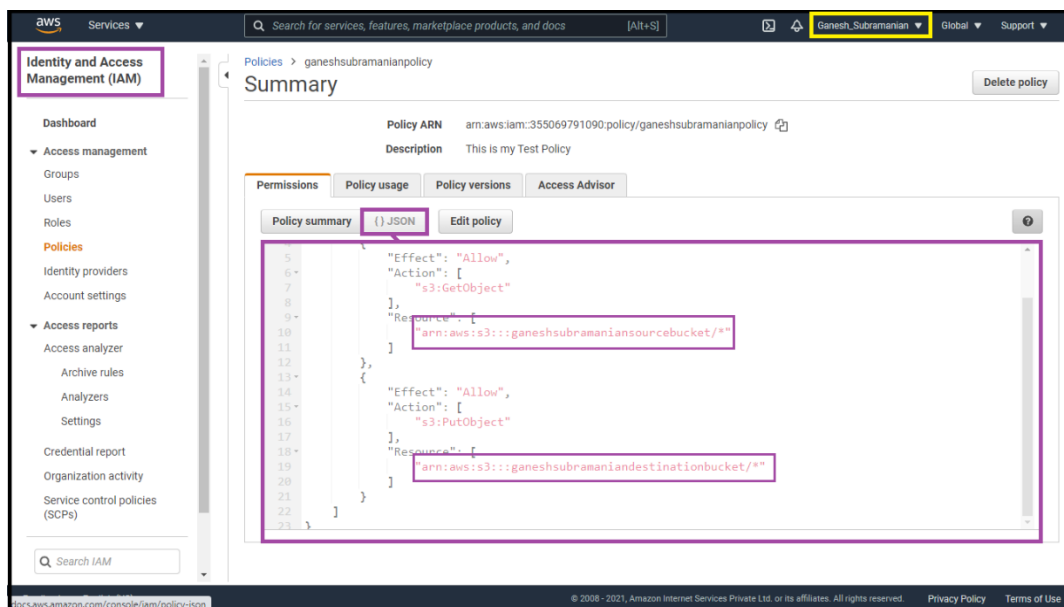
Destinationbucket **arn:aws:s3:::ganeshsubramaniandestinationbucket**

Screenshot 1: S3 Console with two buckets

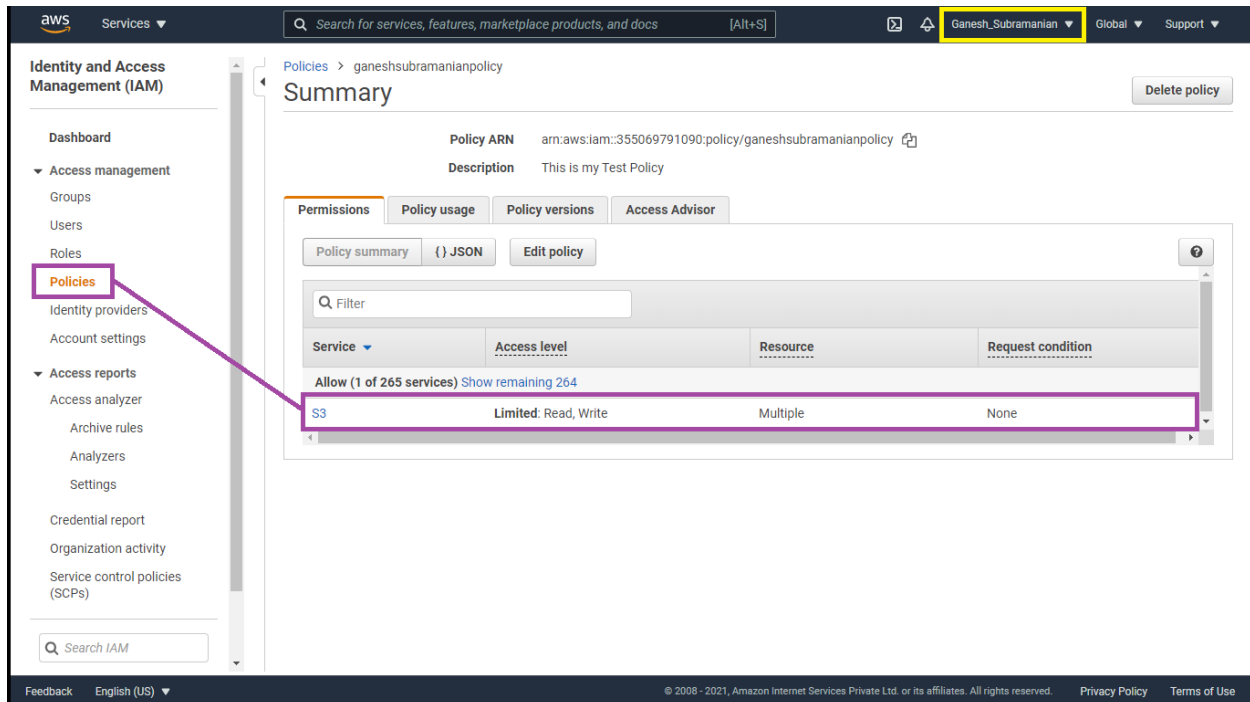


Step2: Create a policy with limited Read-write permissions using a JSON script

Screenshot 2: json script in place

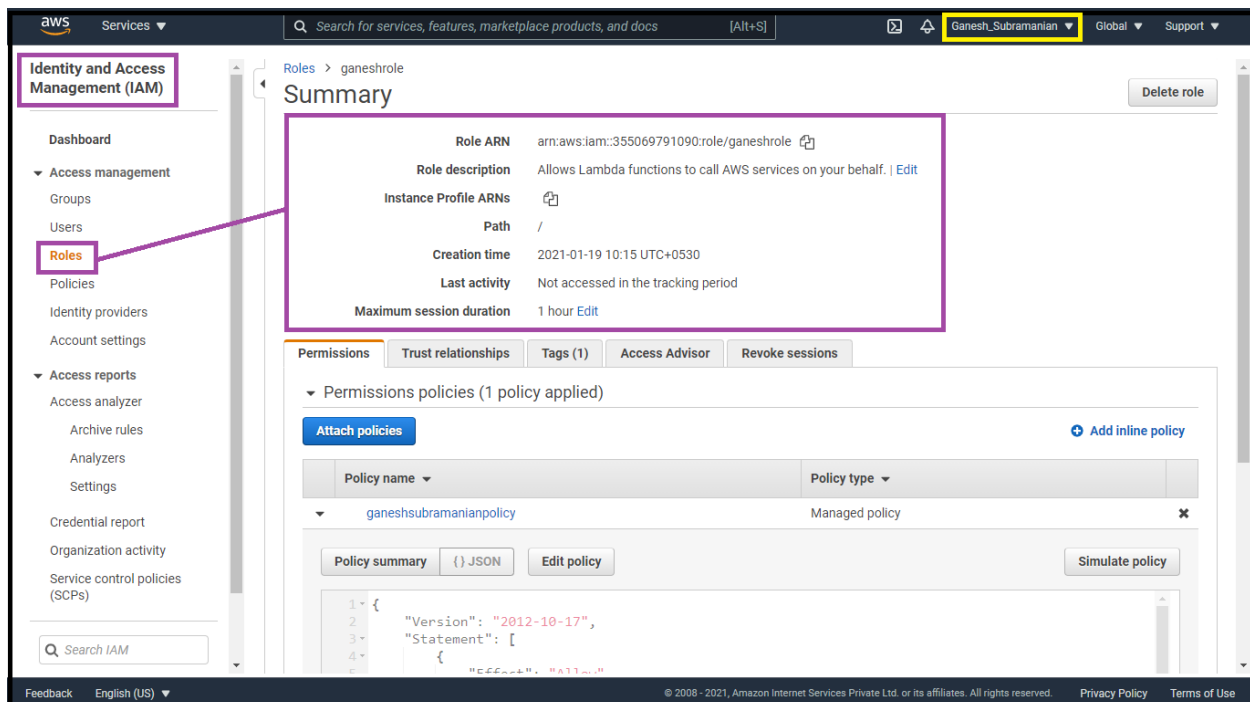


Screenshot 3: Policy Console with your policy filtered



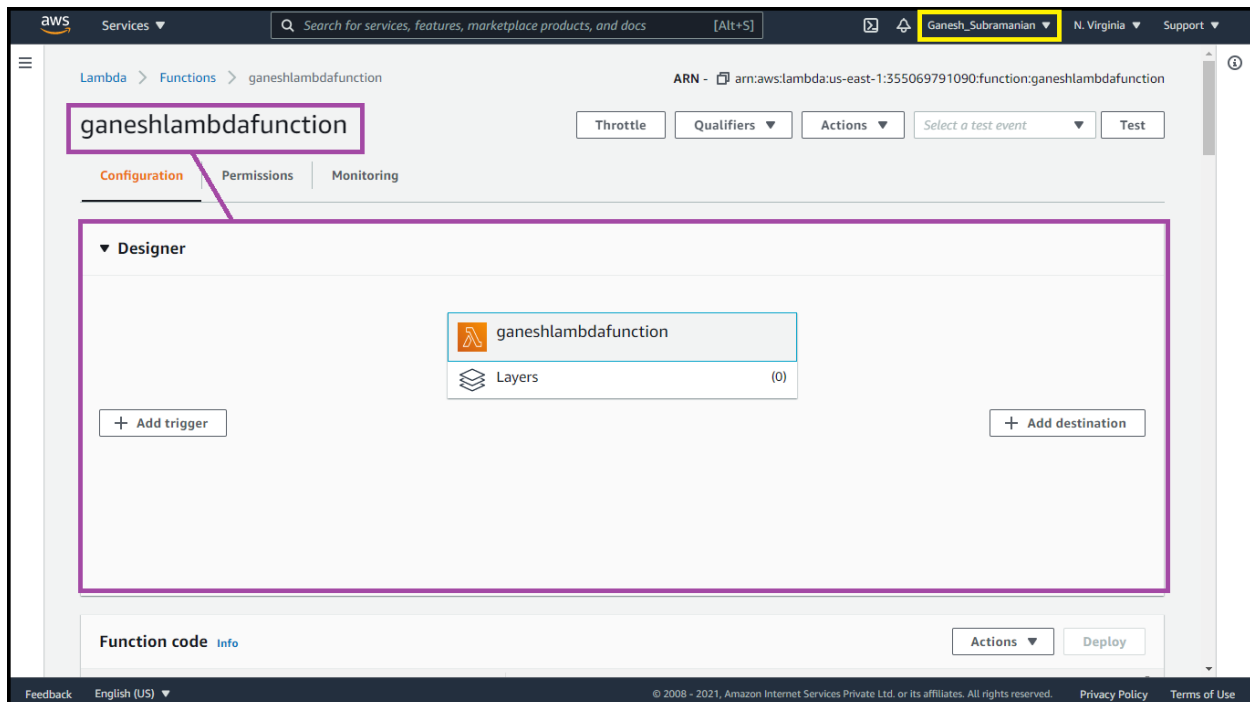
Step3: Create a role and attach the policy that was created in the previous step.

Screenshot 4: Role console showing details of the role

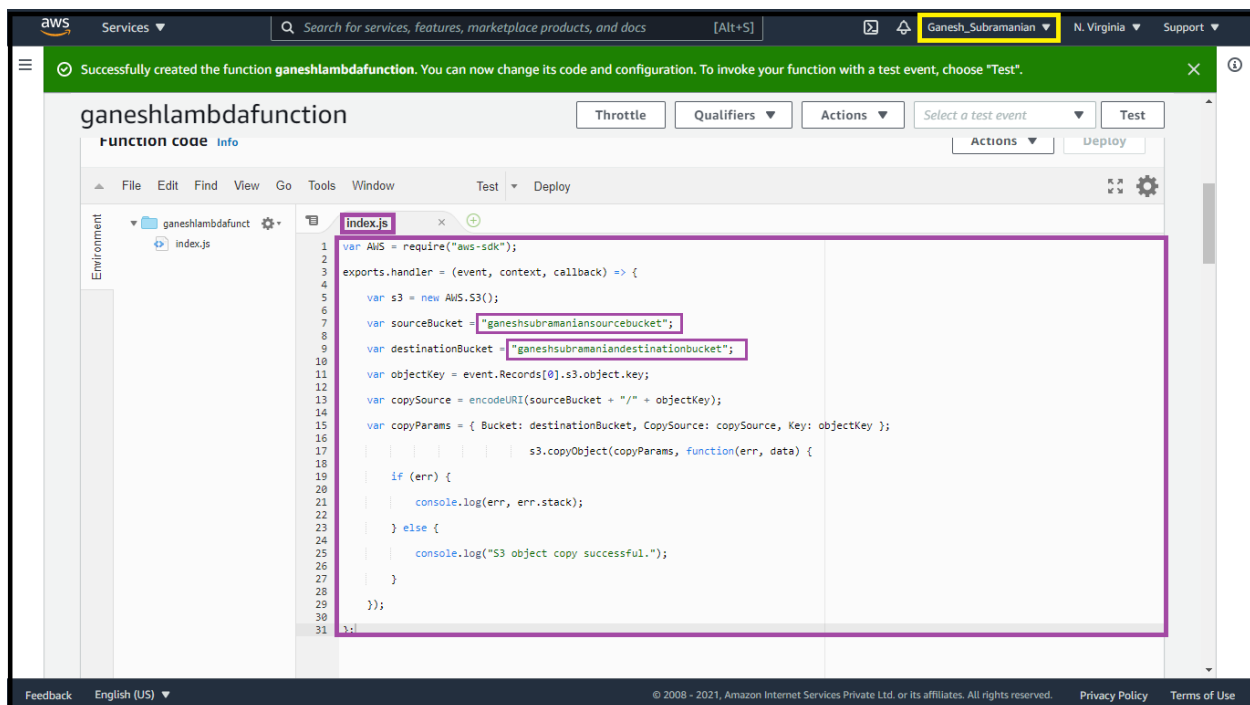


Step4: Create a Lambda function

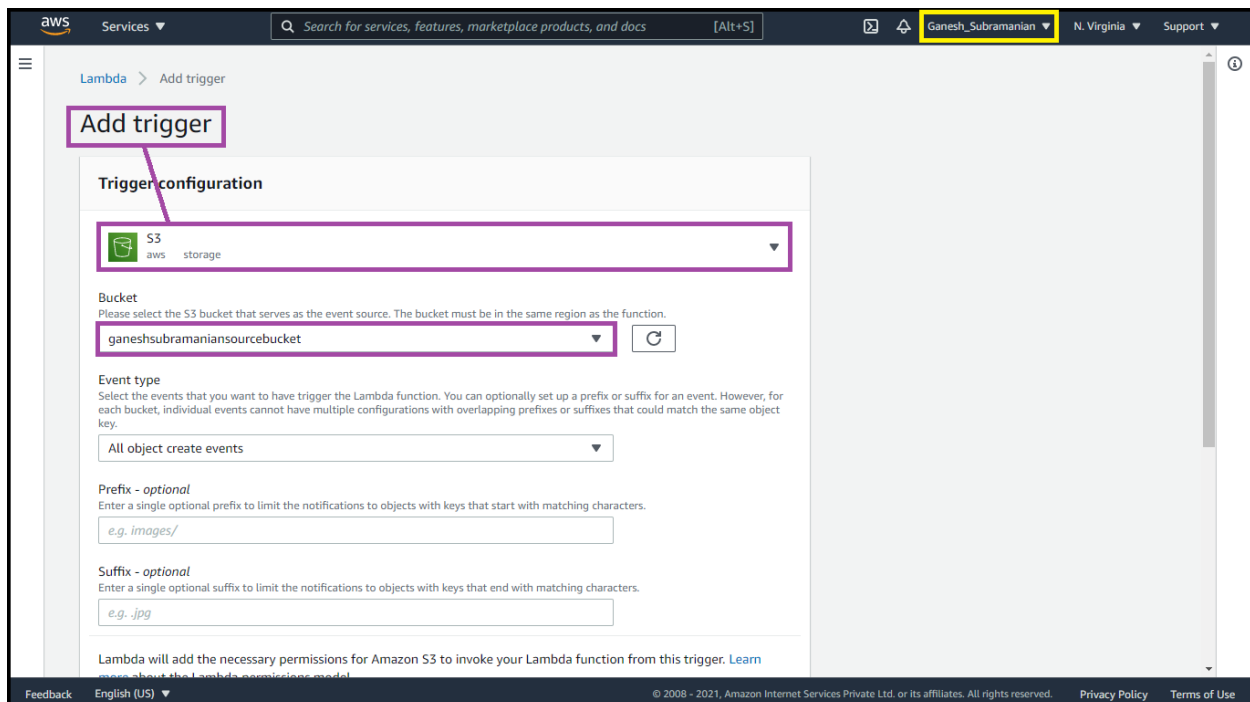
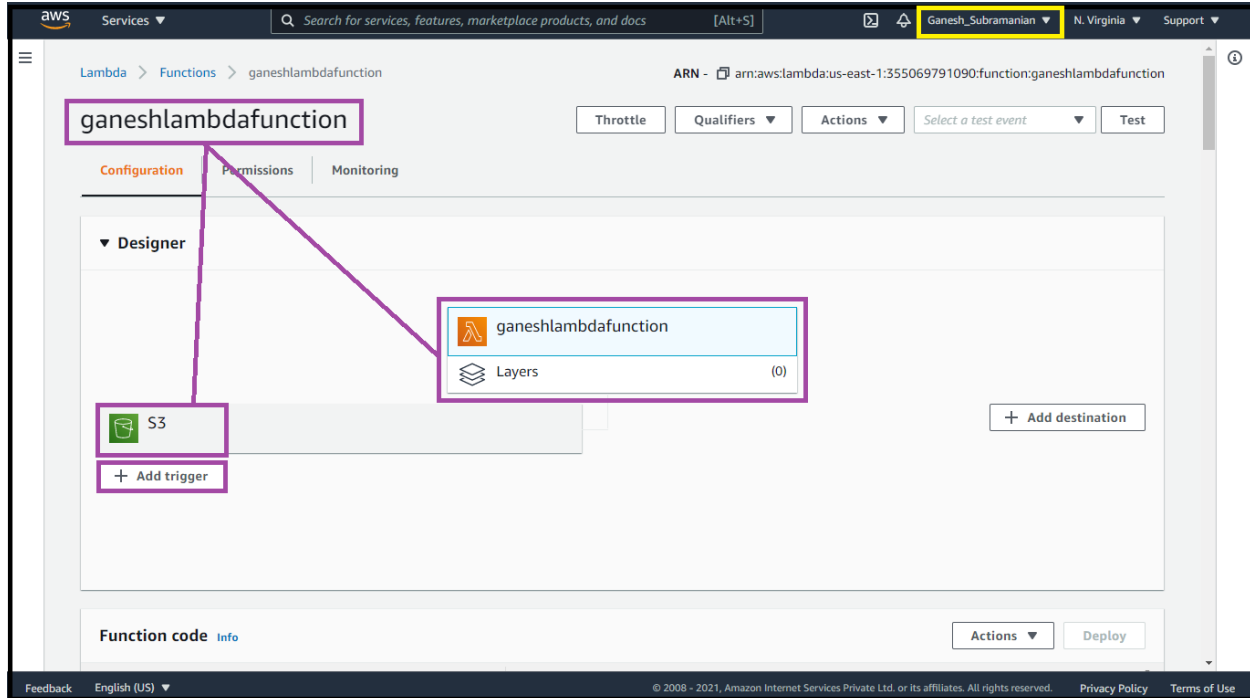
Screenshot 5: lambda functions dashboard

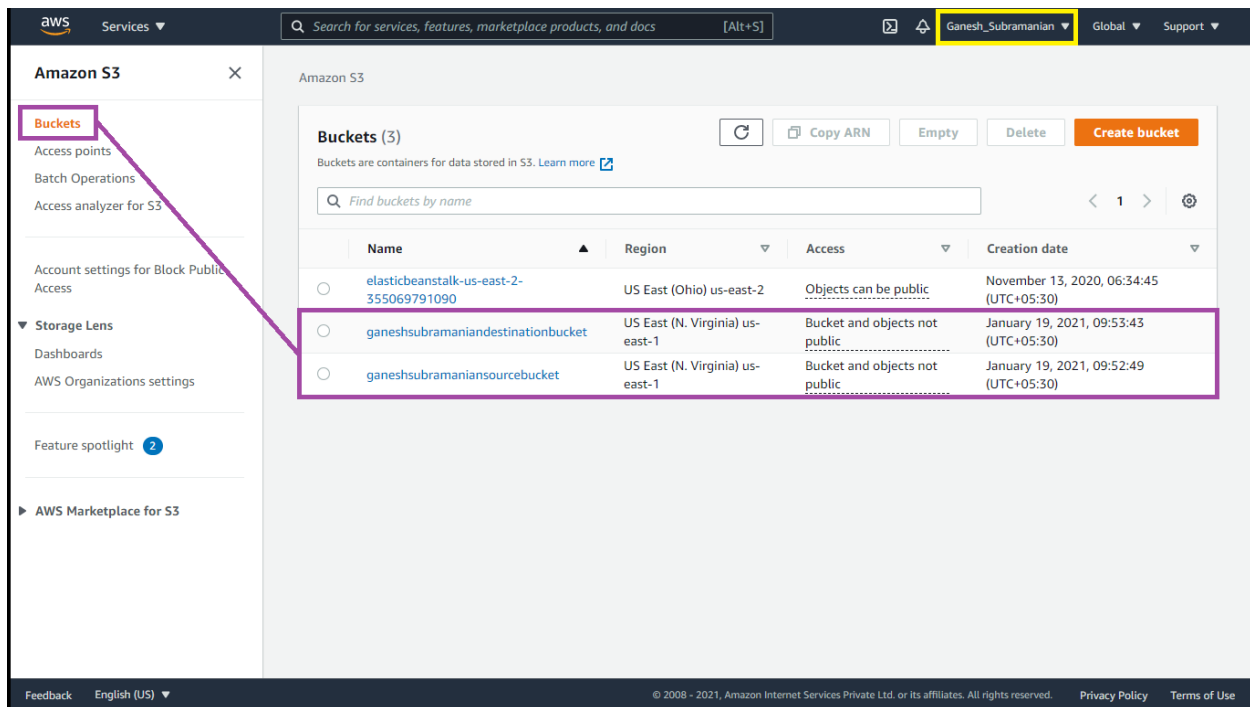


Screenshot 6: js file edited



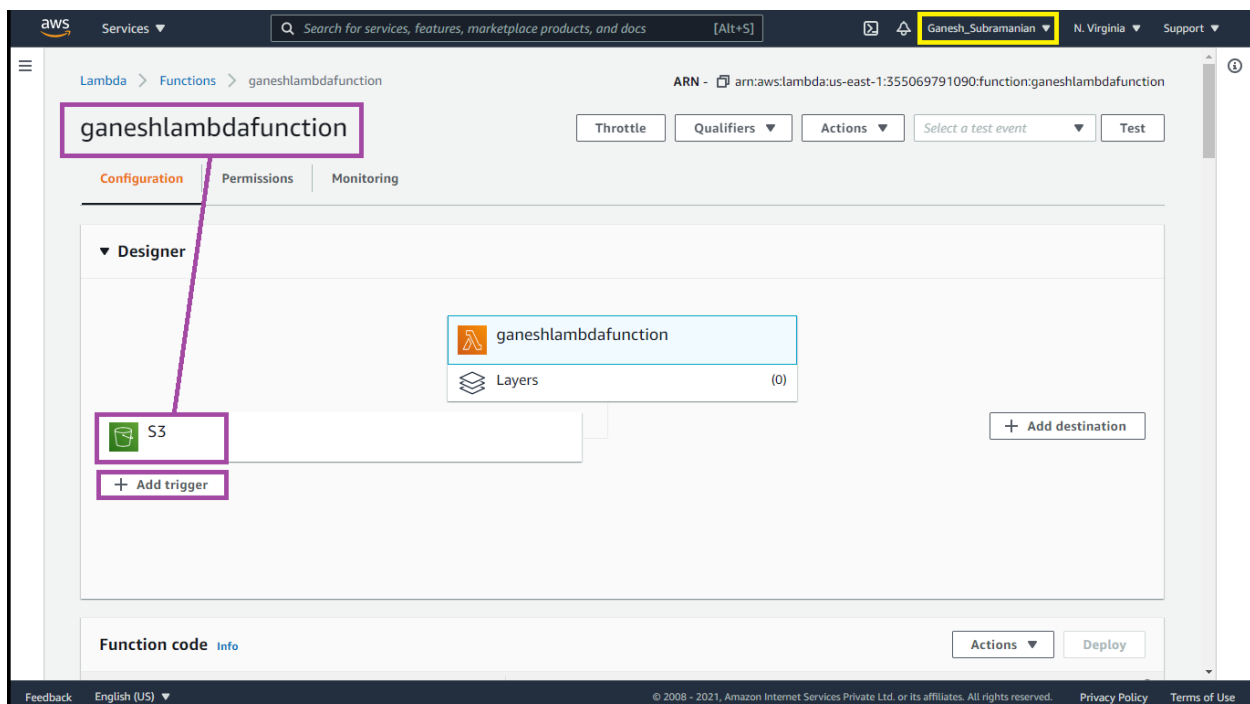
Screenshot 7: adding trigger-s3, bucket name, confirmation for having separate buckets





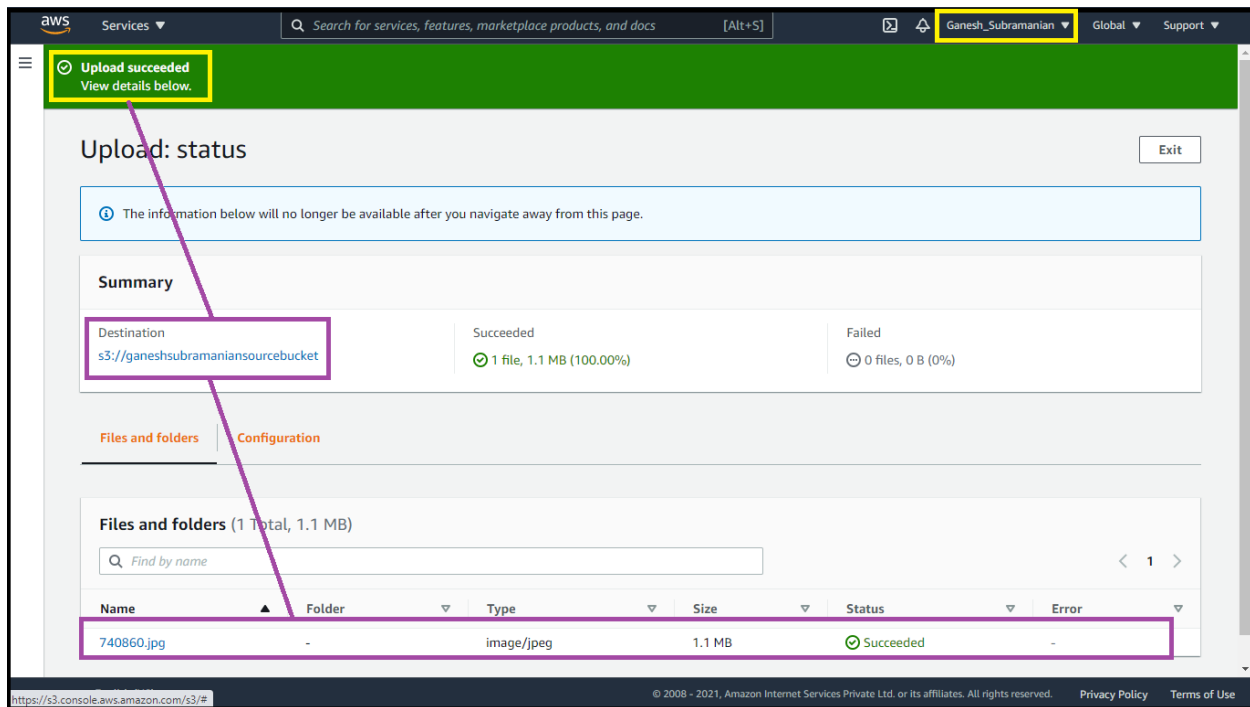
Step5: Adding triggers to the lambda function

Screenshot 8: lambda configuration page with trigger added

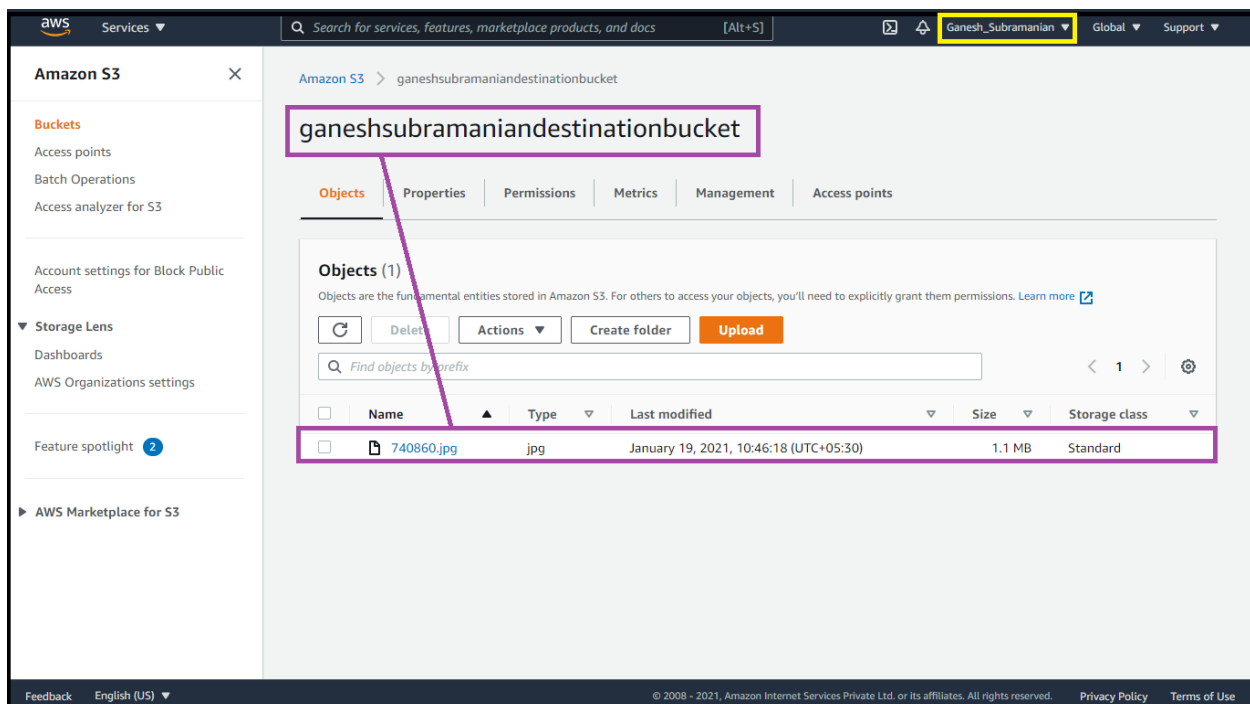


Step6: Test by uploading objects into the source bucket

Screenshot 9: object uploaded in the source bucket



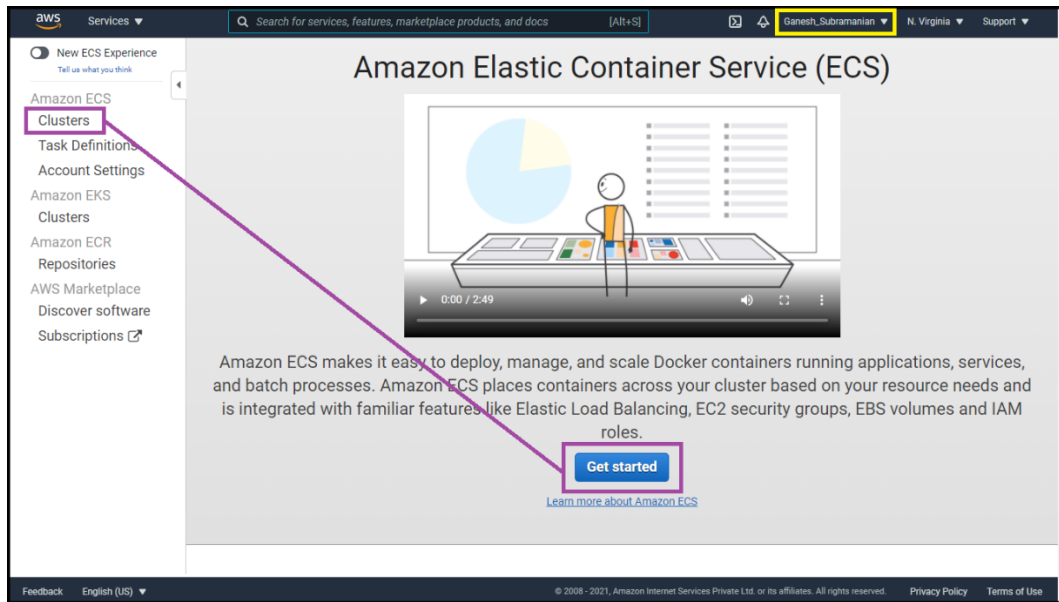
Screenshot 10: object replicated in the destination bucket.



Question 2: Working with Elastic container service using fargate

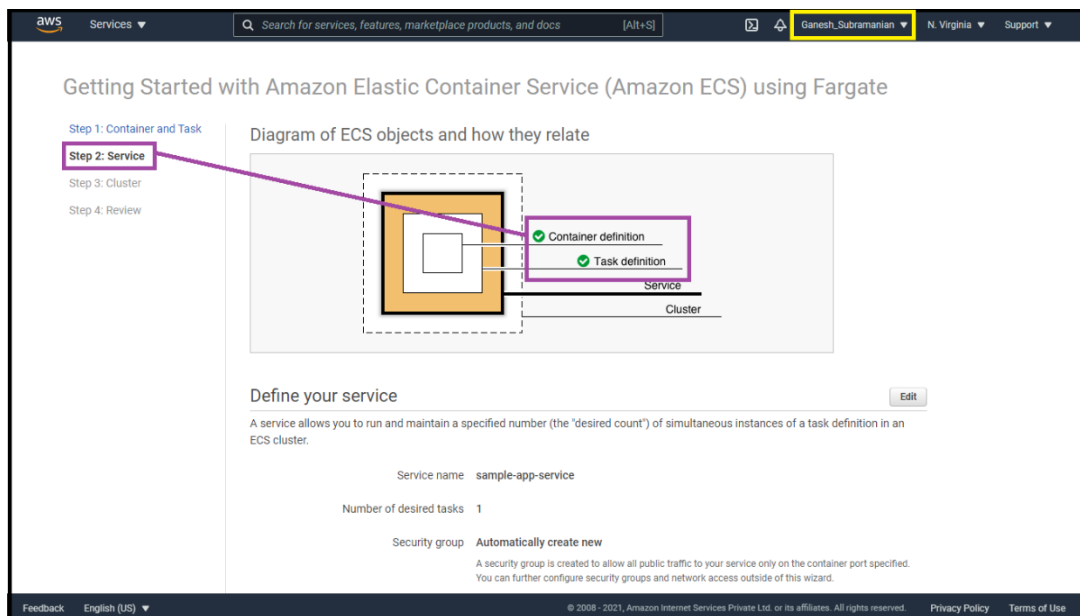
Step1: Getting started with amazon ECS using fargate

Screenshot 1: ECS console



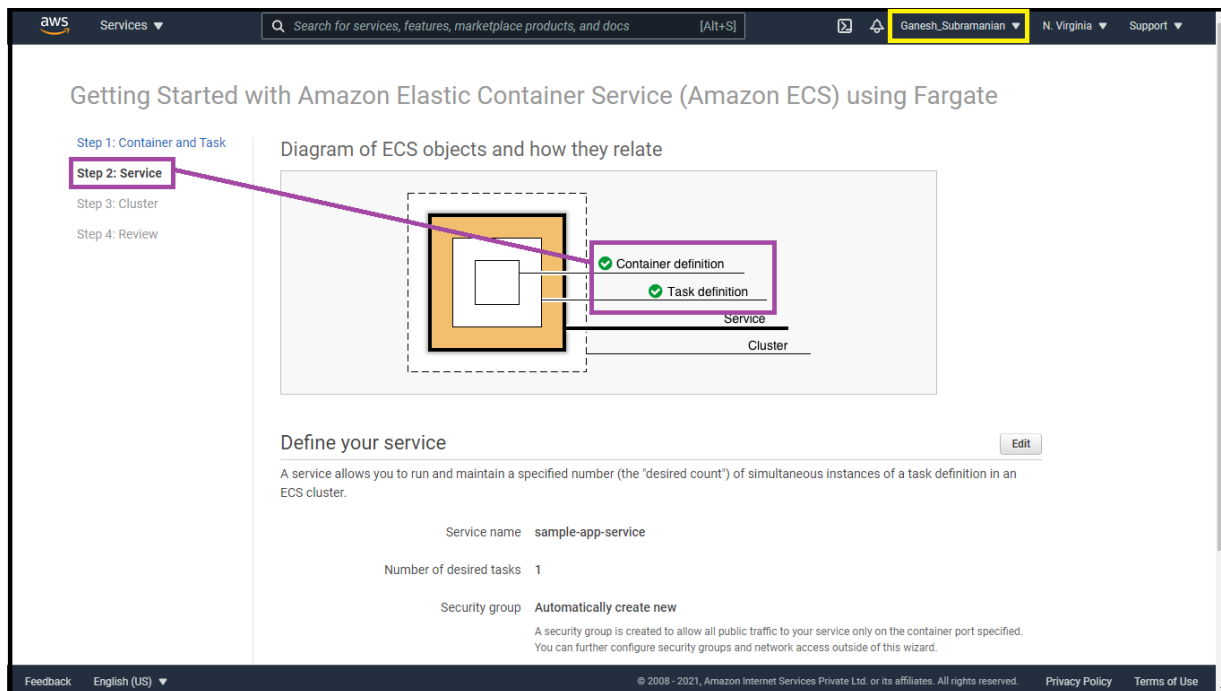
Step2: Creating container and task definition

Screenshot 2: 2nd panel with all options visible



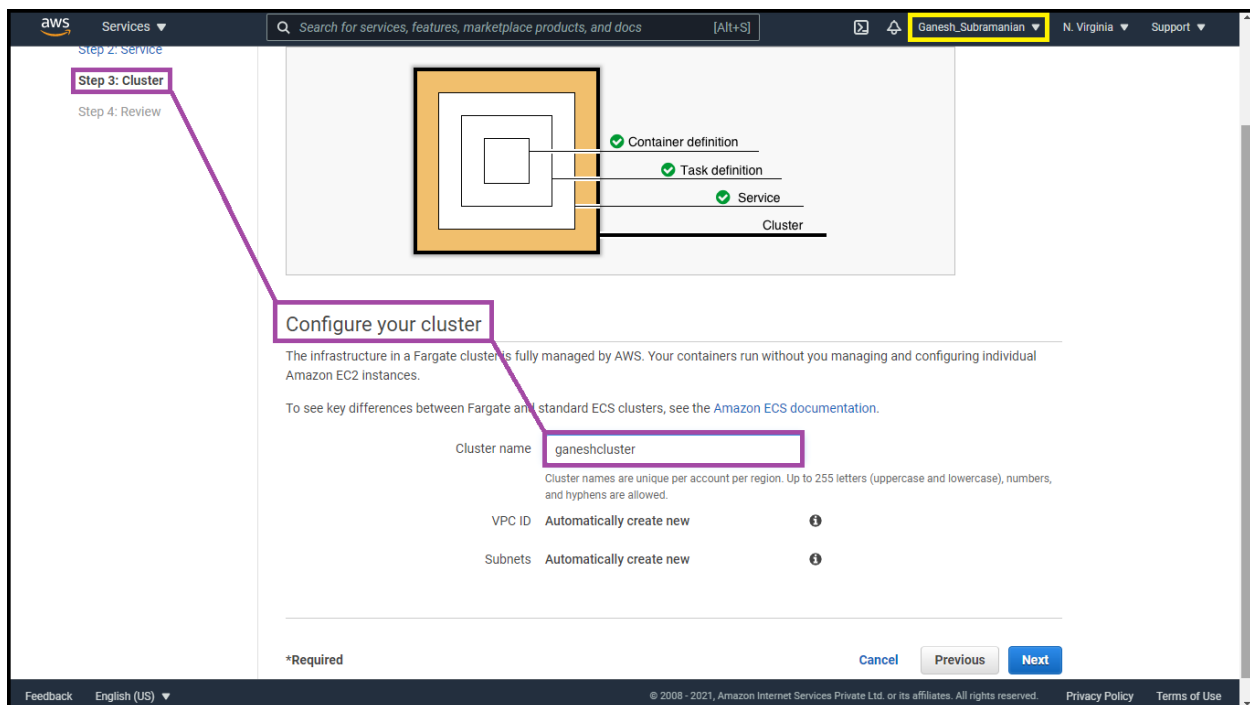
Step3: Configuring the service

Screenshot 3: Next panel



Step4: Configuring the cluster

Screenshot 4: Next panel



Step5: Viewing the service

Screenshot 5: Dashboard displaying the cluster created

Getting Started with Amazon Elastic Container Service (Amazon ECS) using Fargate

Step 1: Container and Task
Step 2: Service
Step 3: Cluster
Step 4: Review

Diagram of ECS objects and how they relate

Review

Review the configuration you've set up before creating your task definition, service, and cluster.

Task definition Edit

Task definition name first-run-task-definition

Network mode awsvpc

Task execution role Create new

Container name sample-app

Image httpd:2.4

Memory 512

Port 80

Protocol HTTP

Service Edit

Service name sample-app-service

Number of desired tasks 1

Cluster Edit

Cluster name ganeshcluster

VPC ID Automatically create new

Subnets Automatically create new

*Required Cancel Previous Create

Screenshot 6: Cluster information

aws Services Search for services, features, marketplace products, and docs [Alt+S] Ganesh_Subramanian N. Virginia Support

Getting Started with Amazon Elastic Container Service (Amazon ECS) using Fargate

Launch Status

We are creating resources for your service. This may take up to 10 minutes. When we're complete, you can view your service.

[Back](#) [View service](#)

Additional features that you can add to your service after creation

Scale based on metrics
You can configure scaling rules based on CloudWatch metrics

Preparing service : 9 of 9 complete

ECS resource creation	
Cluster ganeshcluster	complete ✓
Task definition first-run-task-definition:1	complete ✓
Service sample-app-service	complete ✓
Additional AWS service integrations	
Log group /ecs/first-run-task-definition	complete ✓
CloudFormation stack EC2ContainerService-ganeshcluster	complete ✓
VPC vpc-0531e0be7dafec887	complete ✓
Subnet 1 subnet-0ed59915881c6819a	complete ✓
Subnet 2 subnet-0259b0b27f90ac074	complete ✓
Security group sg-01d3be6400c7c95cc	complete ✓

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Screenshot 7: Panel displaying ENI ID

The screenshot displays the AWS Management Console interface for an Amazon ECS task. The top navigation bar shows the AWS logo, a search bar, and the user's name 'Ganesh_Subramanian'. The left sidebar contains navigation links for 'New ECS Experience', 'Amazon ECS', 'Clusters', 'Task Definitions', 'Account Settings', 'Amazon EKS', 'Amazon ECR', 'Repositories', 'AWS Marketplace', 'Discover software', and 'Subscriptions'. The main content area shows the task details for 'Task : 61143a5b27c7463c9174084a824c4eb4'. The task is in a 'RUNNING' state. The 'Network' section highlights the 'ENI Id' as 'eni-0222c799007976aa9'. The 'Containers' section shows a table with one container named 'sample-app'.

Task Details:

- Cluster: ganeshcluster
- Launch type: FARGATE
- Platform version: 1.3.0
- Task definition: first-run-task-definition:1
- Group: service:sample-app-service
- Task role: None
- Last status: RUNNING
- Desired status: RUNNING
- Created at: 2021-01-19 18:17:45 +0530
- Started at: 2021-01-19 18:18:16 +0530

Network:

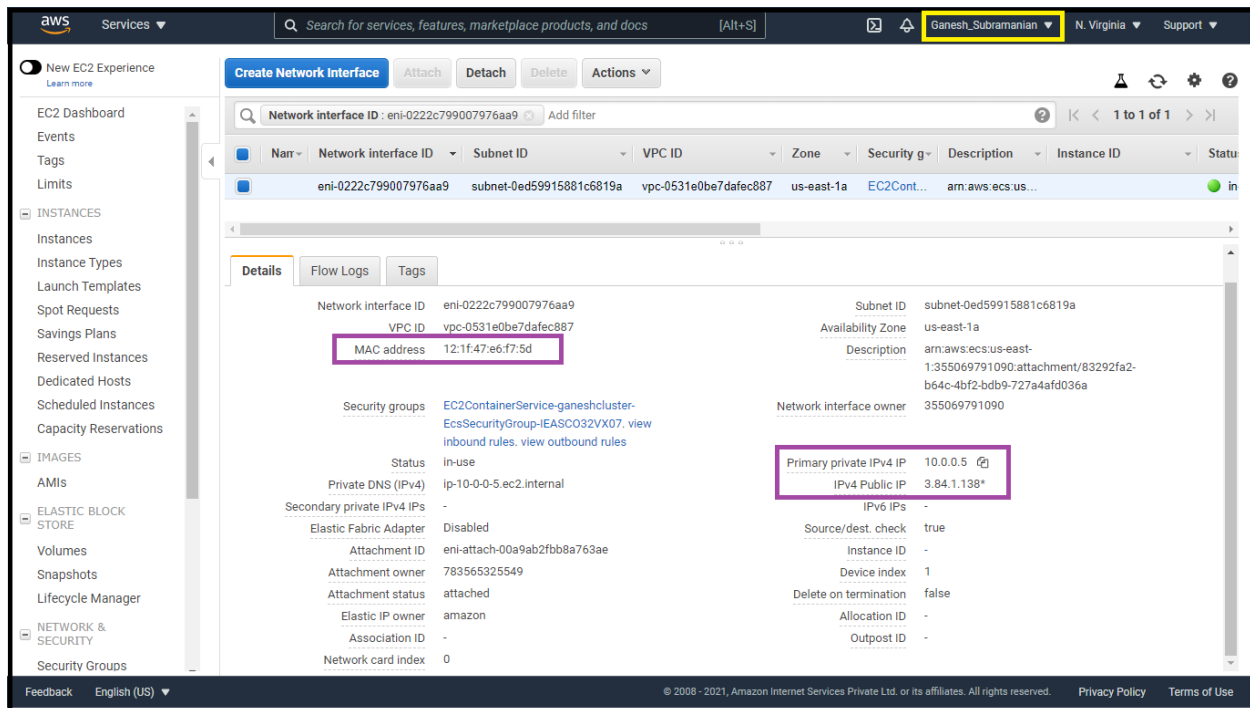
- Network mode: awsvpc
- ENI Id: eni-0222c799007976aa9
- Subnet Id: subnet-0ed59915881c6819a
- Private IP: 10.0.0.5
- Public IP: 3.84.1.138
- Mac address: 12:1f:47:e6:f7:5d

Containers:

Last updated on January 19, 2021 6:27:00 PM (0m ago)

Name	Container Runtime ID ...	St...	Image	Image Digest	CP...	Ha...	Es...	Re...
sample-app	596f809fec989b8e03f...	RU...	httpd:2.4		256	--/5...	true	86...

Screenshot 8: Panel displaying the private, public, and the mac id



Screenshot 9: Display application

