

1. Backend Infrastructure: ASG, ALB, Target Group, Launch Template, EC2

The screenshot displays the AWS Management Console interface for an Elastic Load Balancing Target Group named 'tg-1'. The console is viewed from the 'us-east-1' region. The left-hand navigation pane shows the 'Load Balancing' section expanded, with 'Target Groups' selected. The main content area shows the details for 'tg-1', including its ARN, target type (Instance), protocol (HTTP), and port (5000). A summary table indicates 2 total targets, all of which are healthy. Below this, a section titled 'Distribution of targets by Availability Zone (AZ)' is visible, with a note to select values to see corresponding filters. The bottom of the image shows a Windows taskbar with various application icons and a system clock indicating 12:24 PM on 10/14/2024.

Details

arn:aws:elasticloadbalancing:us-east-1:970547351397:targetgroup/tg-1/67469018eeb61edb

Target type Instance	Protocol : Port HTTP: 5000	Protocol version HTTP1	VPC vpc-050fa616b48555a3
IP address type IPv4	Load balancer load-balancer		

2 Total targets	2 Healthy	0 Unhealthy	0 Unused	0 Initial	0 Draining
	0 Anomalous				

► **Distribution of targets by Availability Zone (AZ)**
Select values in this table to see corresponding filters applied to the Registered targets table below.

MIU Global Online Education : x simple-react-node-app/works x Auto Scaling group details | EC2 x Instances | EC2 | us-east-1 x +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroupDetails:cid=my-asgview=details

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S3 EC2 VPC IAM Billing and Cost Management EFS RDS CloudFront Elastic Beanstalk Lambda API Gateway Cognito DynamoDB Amazon DocumentDB ElastiCa

EC2 > Auto Scaling groups > my-asg

my-asg

Details Activity Automatic scaling Instance management Monitoring Instance refresh

Group details

Edit

Auto Scaling group name my-asg	Desired capacity 3	Desired capacity type Units (number of instances)	Amazon Resource Name (ARN) arn:aws:autoscaling:us-east-1:970547351397:autoScalingGroup:678e6073-ee52-4032-9f2c-f85e2d75e5ee:autoScalingGroupName/my-asg
Date created Mon Oct 14 2024 12:20:11 GMT-0500 (Central Daylight Time)	Minimum capacity 2	Status -	
	Maximum capacity 5		

Launch template

Edit

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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Images:visibility=owned-by-me

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EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Amazon Machine Images (AMIs) (1) Info

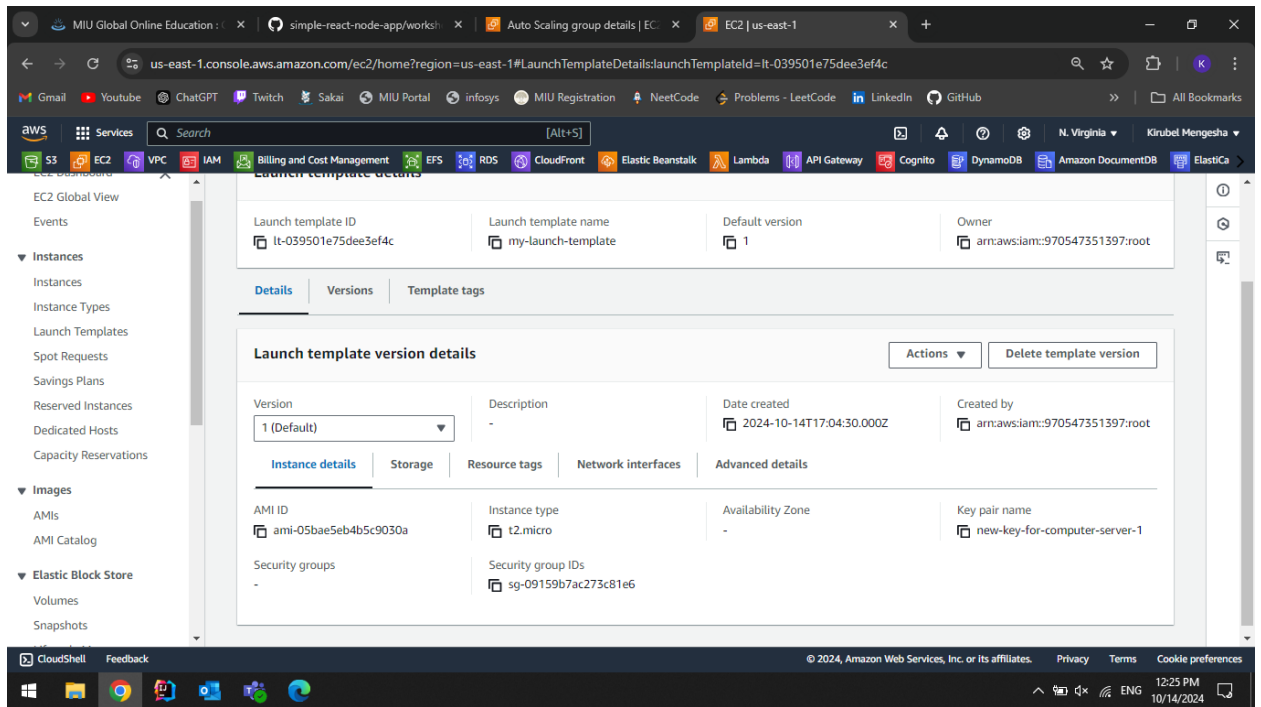
Recycle Bin EC2 Image Builder Actions Launch instance from AMI

Owned by me Find AMI by attribute or tag

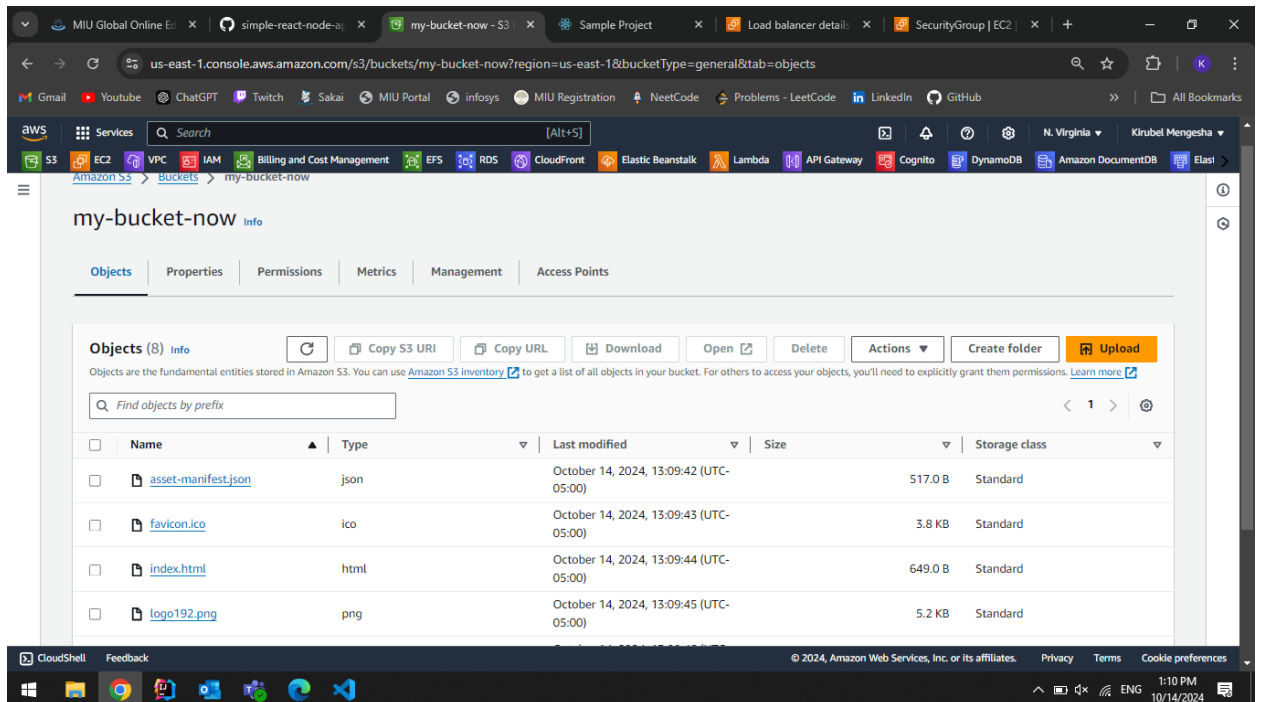
AMI ID	Source	Owner	Visibility	Status	Creation date
ami-05bae5eb4b5c9030a	970547351397/my-ami	970547351397	Private	Available	2024/10/14 11:59

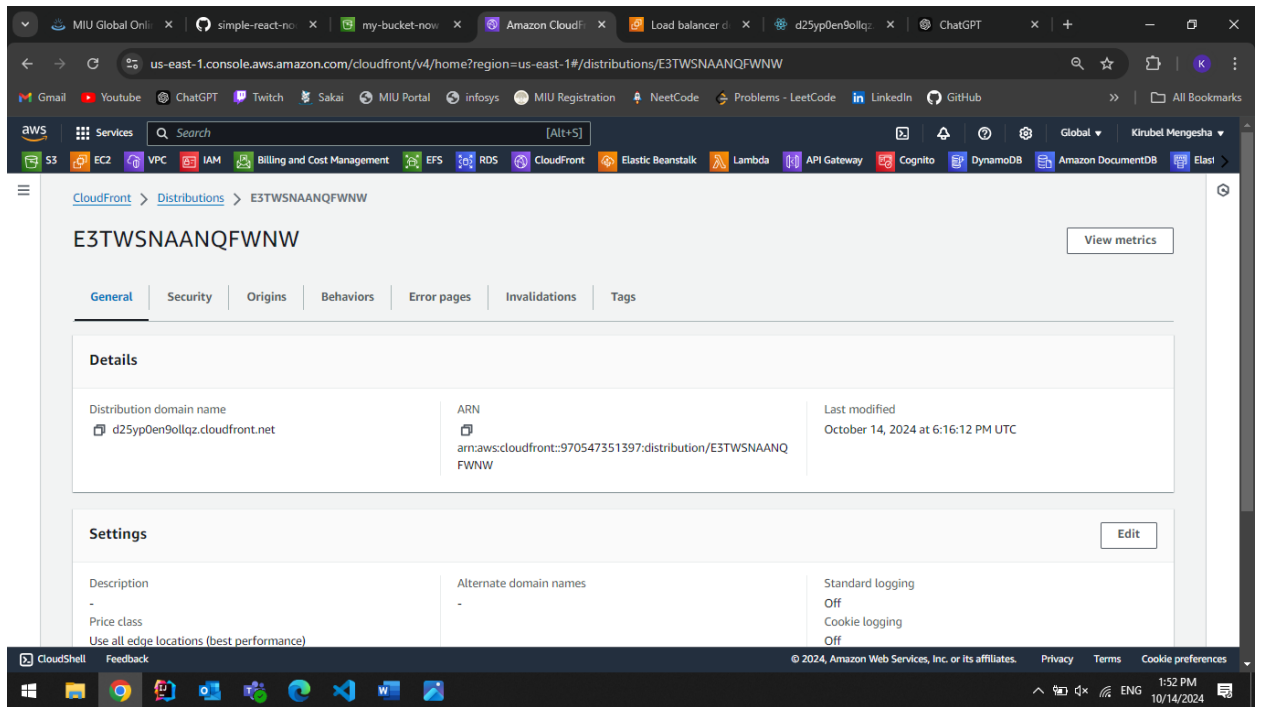
Select an AMI

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2. Frontend Infrastructure: CloudFront, S3





3. Deployed Website, showing the website running successfully in the browser.

