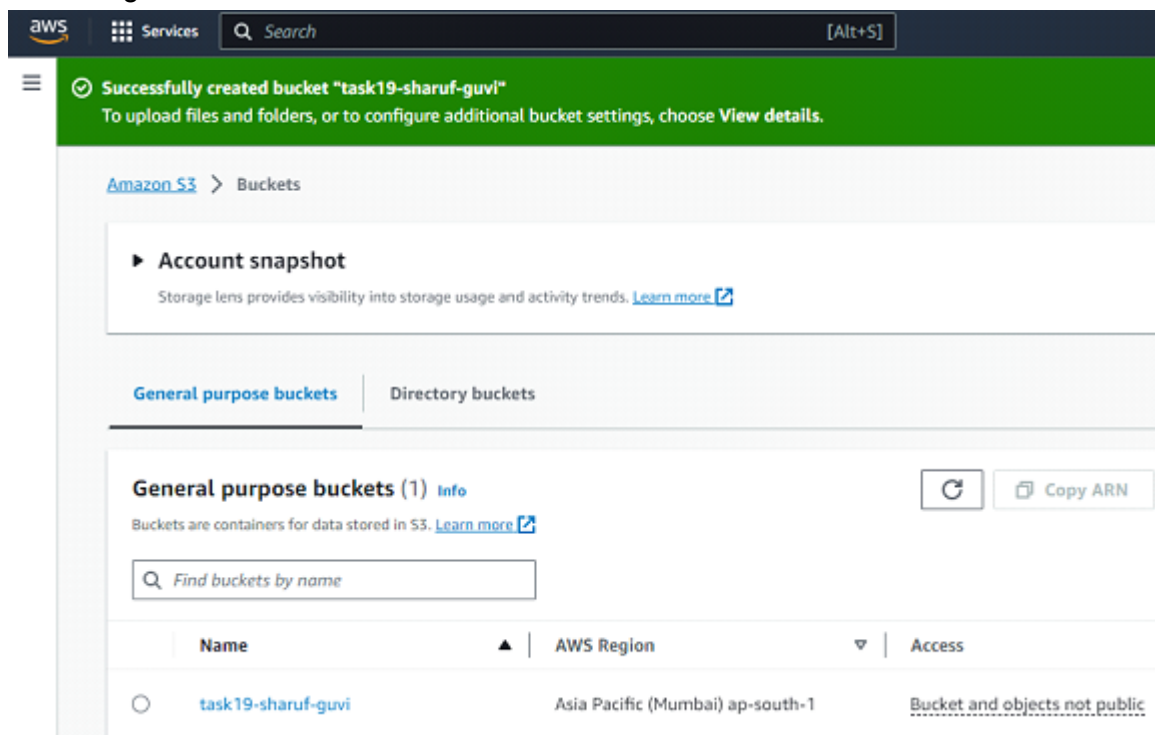**Name:** Z.MD SHARUF RAJ

Batch: D015

Question:

1.Create a S3 bucket, with no public access and upload files to the bucket.

2. Launch two ec2-instances and connect it to an application load balancer, where the output traffic from the server must be an load balancer IP address.

Question-1 Solution:

1.Creating a S3 Bucket:

2.Uploading a file in S3 Bucket:

Upload succeeded
View details below.

Summary

Destination	Succeeded	Failed
s3://task19-sharuf-guvi	⊘ 1 file, 210.0 B (100.00%)	⊖ 0 files, 0 B (0%)

Files and folders   Configuration

Files and folders (1 Total, 210.0 B)

🔍 Find by name

Name	Folder ▽	Type ▽	Size ▽	Status ▽
task19.rtf	-	application/rtf	210.0 B	⊘ Succeeded

Question-2 Solution:

1.Launching the instances:

Instances (2) Info   ⟳   Connect   Instance state ▼   Actions ▼   **Launch instances** ▼

🔍 Find Instance by attribute or tag (case-sensitive)   ‹ 1 › ⚙

	Name ✎ ▽	Instance ID	Instance state ▽	Instance type ▽	Status check	Alarm status	Availabilit
☐	Server-1	i-02dd1393f314d034c	⊘ Running ⊕ ⊖	t2.micro	⊘ 2/2 checks passed	No alarms ＋	ap-south-1
☐	Server-2	i-0a20fe9d1c11c7b48	⊘ Running ⊕ ⊖	t2.micro	⊘ 2/2 checks passed	No alarms ＋	ap-south-1

2.Installing Web Server on Both the Servers:

Server-1:

← → C   ⚠ Not secure | 3.109.54.41
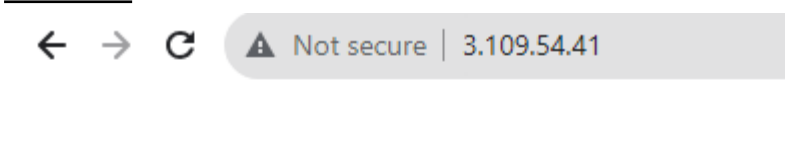
Welcome to Chennai!

Server-2:

← → C ⚠ Not secure | 13.127.206.188

Welcome to Mumbai!

3. Creating a Target Group:

EC2 > Target groups

Target groups (1) Info   ↻   Actions ▼   **Create target group**

🔍 Filter target groups   ‹ 1 › ⚙

	Name	▽	ARN	▽	Port	▽	Protocol	▽	Target type	▽	Lc
☐	Task19		☐ arn:aws:elasticloadbalanci...		80		HTTP		Instance		ⓘ

4.Creating a Load Balancer:

EC2 > Load balancers

Load balancers (1/1)   ↻   Actions ▼   **Create load balancer**   ▼
Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

🔍 Filter load balancers   ‹ 1 › ⚙

☑	Name	▽	DNS name	▽	State	▽	VPC ID	▽	Availability Zones
☑	Sharufserver12		☐ Sharufserver12-46799779...		⊘ Active		vpc-0e5238f559aa758...		2 Availability Zones

5.Output Of the Servers:

← → C ⚠ Not secure | sharufserver12-467997795.ap-south-1.elb.amazonaws.com

Welcome to Chennai!

Welcome to Mumbai!