CLOUD PRACTICALS

Time limit: 1 hr 30min

Marks: 20

Do the following 3 practical questions

Instructions:

- 1. Please mention question numbers clearly for each answer.
- 2. The answers for all 3 questions must be **put in one single document**. The **title of the document must be "Cloud Practicals_[Your name]"** and attach the screenshots for each activity and push it to git mallikarjuna.hs@tibilsolutions.com as a collaborator

Questions:

1. Launch a free-tier **Ubuntu 22.04** EC2 instance and connect to it using SSH **using CLI (Not using Console)** [5 marks]

Ans:

- Create a new user with name and select attach plocies directly and select administration access click on next
- Then we need to set the access key and secrete access key
- Go to command prompt and put command aws configure then enter access key and secrete key
- Enter region and format
- Got to ec2 and select ubontu os and copy ami id
- Then type acommand aws ec2 run-instances --image-id ami-020cba7c55df1f615 --count 1 --instance-type t2.micro --key-name new --security-groups new --region us-east-1
- Then our instance will created

Image:-

```
C:\Users\bhash>aws ec2 run-instances --image-id ami-020cba7c55df1f615 --count 1 --instance-type t2.micro --key-name secure --security-groups secure --region us-east-1

"ReservationId": "s-03bb9uHp97fa8U6f7",
"OmnerId": "566970125930",
"Groups": [],
"Instances": []

"Architecture": "x86_64"
"BocQbrimized": false,
"EnaSupport: true,
"Hypervisor": true,
"Hypervisor": true,
"AttachmentId: "2025-07-11705:45:12+00:00",
"AttachmentId: "eni-attach-0236bH3b9ade246d0",
"DeviceIndex:: 0,
"Status": "mattaching",
"RetworkCardIndex:: 0,
"Status": "mattaching",
"RetworkCardIndex:: 0,
"Status": "mattaching",
"RetworkCardIndex:: 0,
"Status": "mattaching",
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"RetworkCardIndex:: 0,
"Status": "matching:",
"RetworkCardIndex:: 0,
"Status": "matching:",
"RetworkCardIndex:: 0,
"Status": "matching: "m
```

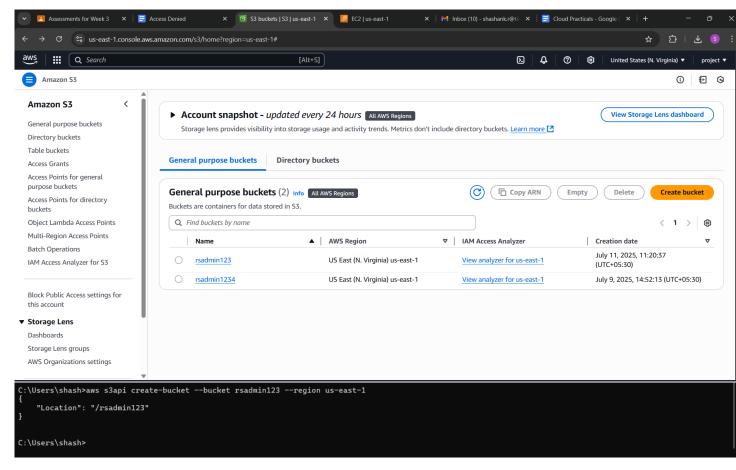
2. Create a S3 bucket using CLI

[5 marks]

Ans:

- To create s3 bucket we need to type acommand aws s3api create-bucket –bucket bucket-name –origin origin-name
- Then it will give like thsi C:\Users\shash>aws s3api create-bucket --bucket rsadmin123 --region us-east-1
- "Location": "/rsadmin123"
- •
- It indicates bucket is created

Image:-



3. Transfer a file from your local machine to the EC2 instance using SCP4. Set up AWS CLI and upload the same file to the S3 bucket **using CLI commands**. [10 marks]

Ans:

- to transfer file from local machine to ec2 instance use the command
- scp -i "C:\Users\shash\Downloads\secure.pem" "C:\Users\shash\Downloads\sample.txt.txt" <u>ec2-user@3.83.2.6:/home/ec2-user/</u>
- in the above command we nedd to put ip address of instance and address of theimages and keypair
- then use command aws s3 cp /home/ec2-user/sample.txt s3://rsadmin123/

• then file will uploaded succefully to the bucket

