

KRISHNA VIGASHINI R G

727721EUIT081

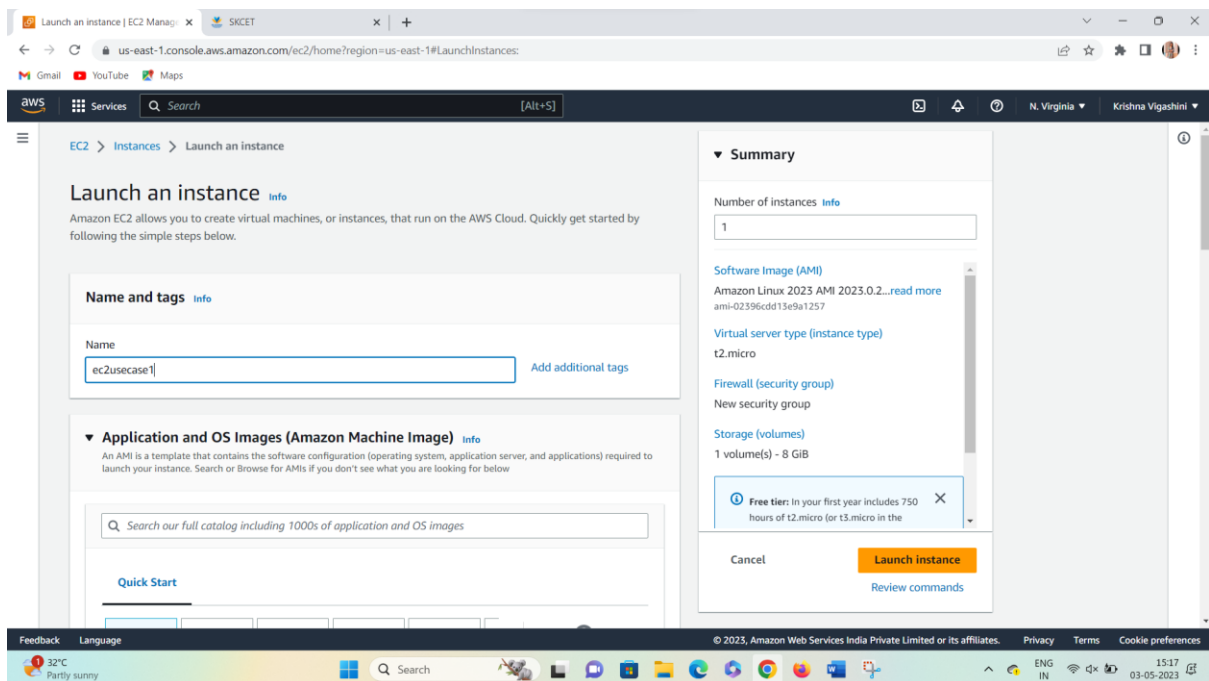
CC1

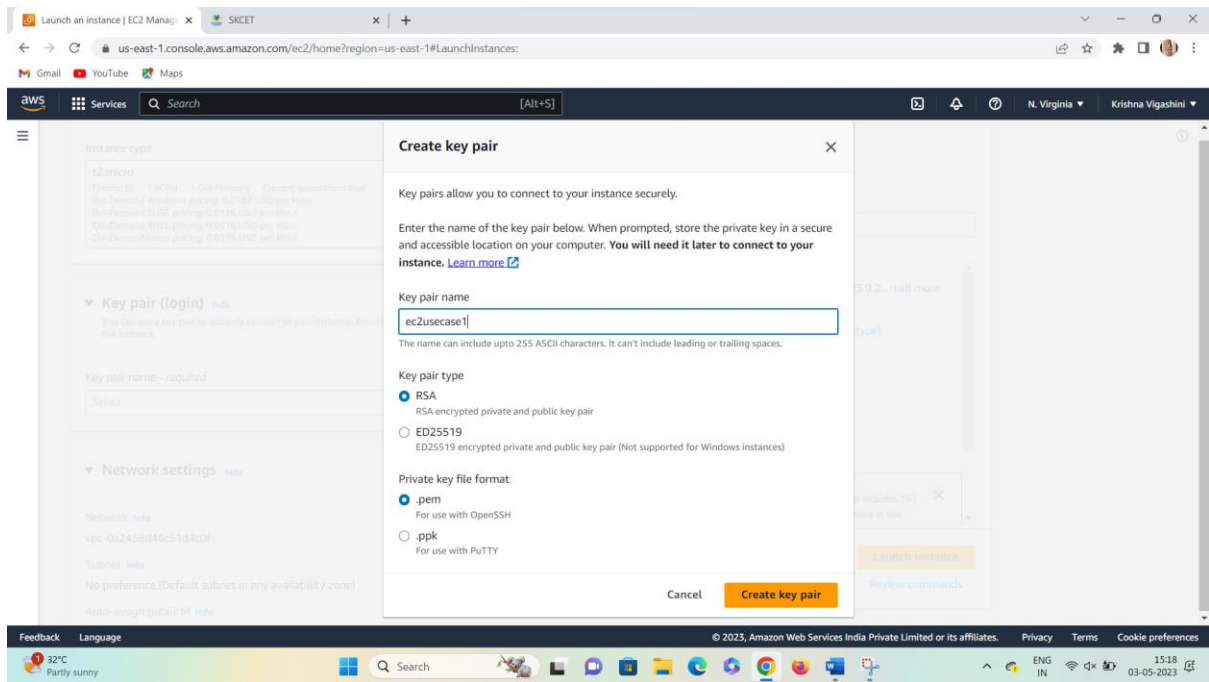
Q1.

Create an EC2 Instance in the us-east-1 region with the following requirements.

Give the Name tag of both EC2 instance & keypair as "ec2usecase1"(Name).

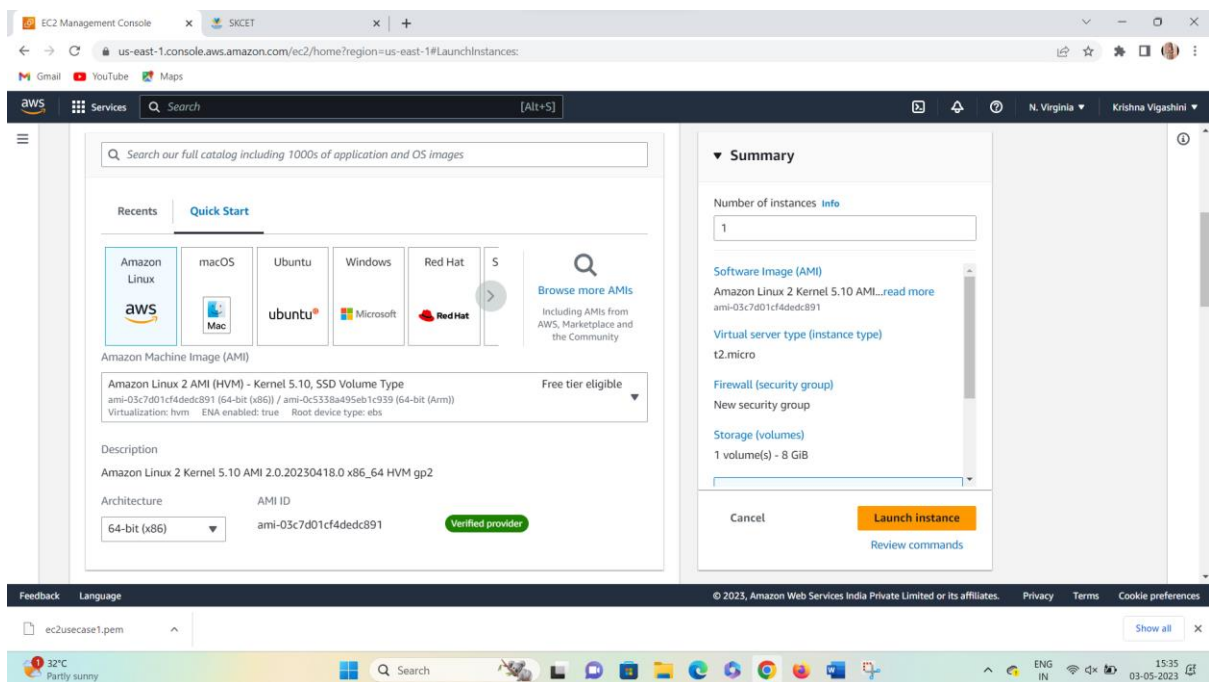
(4 Marks)





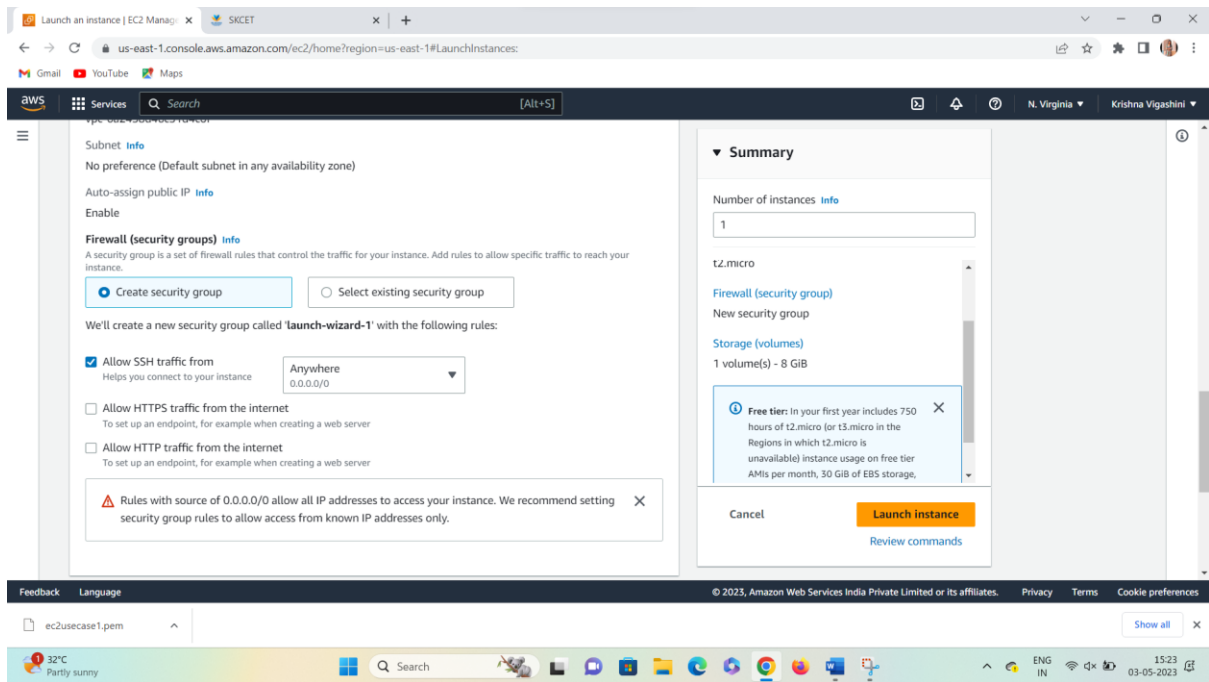
EC2 instance AMI should be "Amazon Linux 2".

(4 Marks)



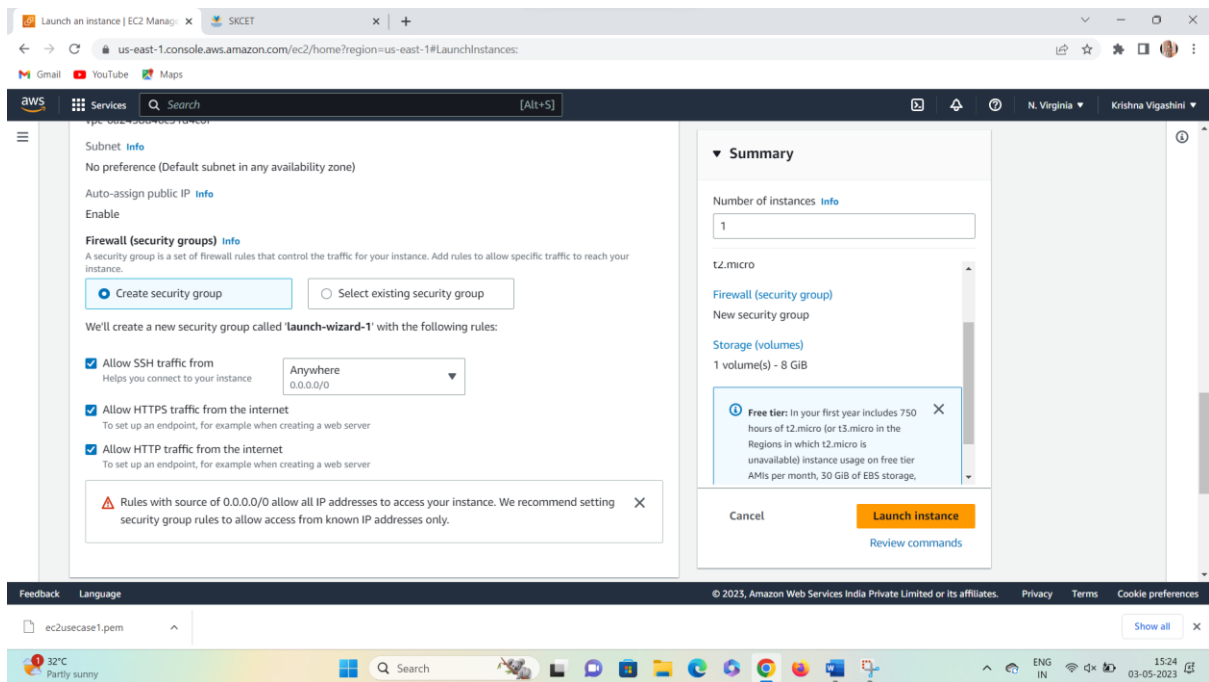
Allow SSH traffic for taking putty remote connection.

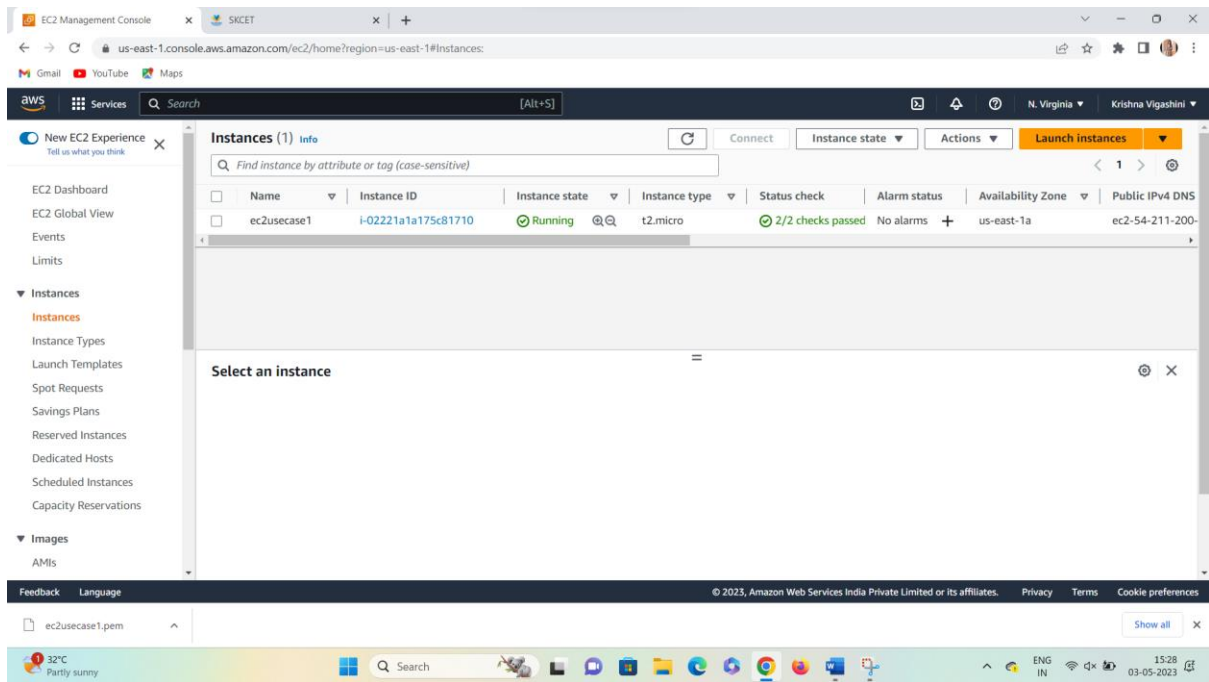
(4 Marks)



Allow HTTP traffic from the internet for reaching website requests.

(4 Marks)





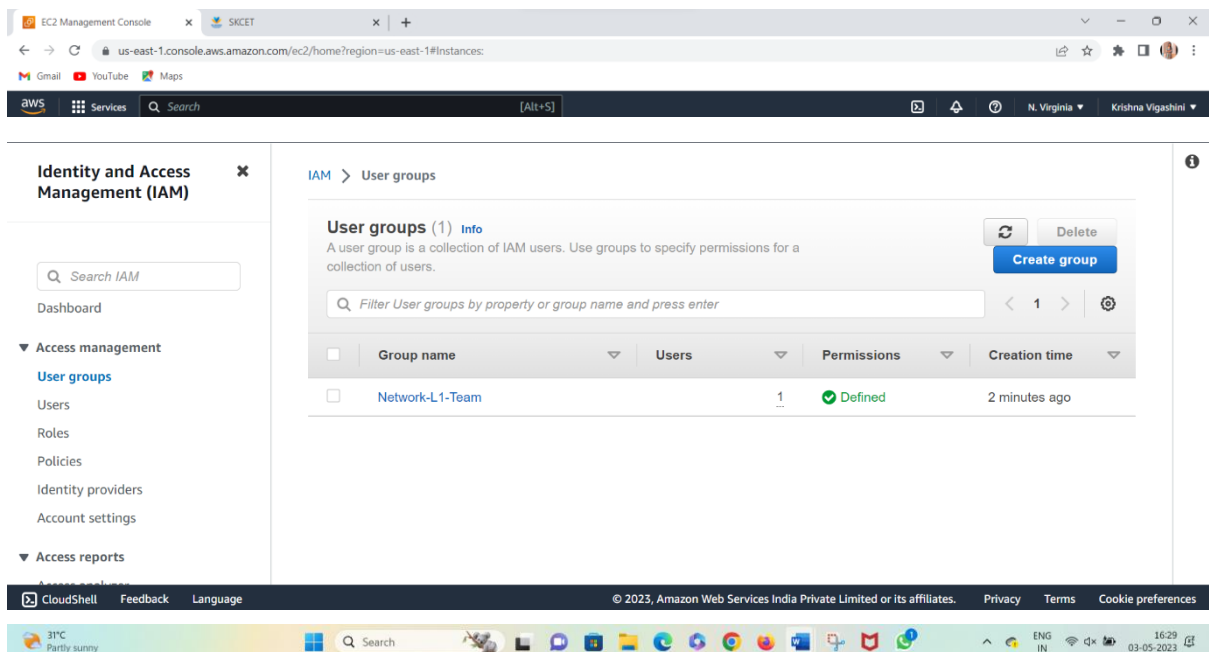
QUESTION 2

Q2.

Create an IAM group called 'Network-L1-Team' with 'AmazonVPCReadOnlyAccess' and 'AWSNetworkManagerReadOnlyAccess' policies, then add an IAM user called 'Network-L1-User1' to the group.

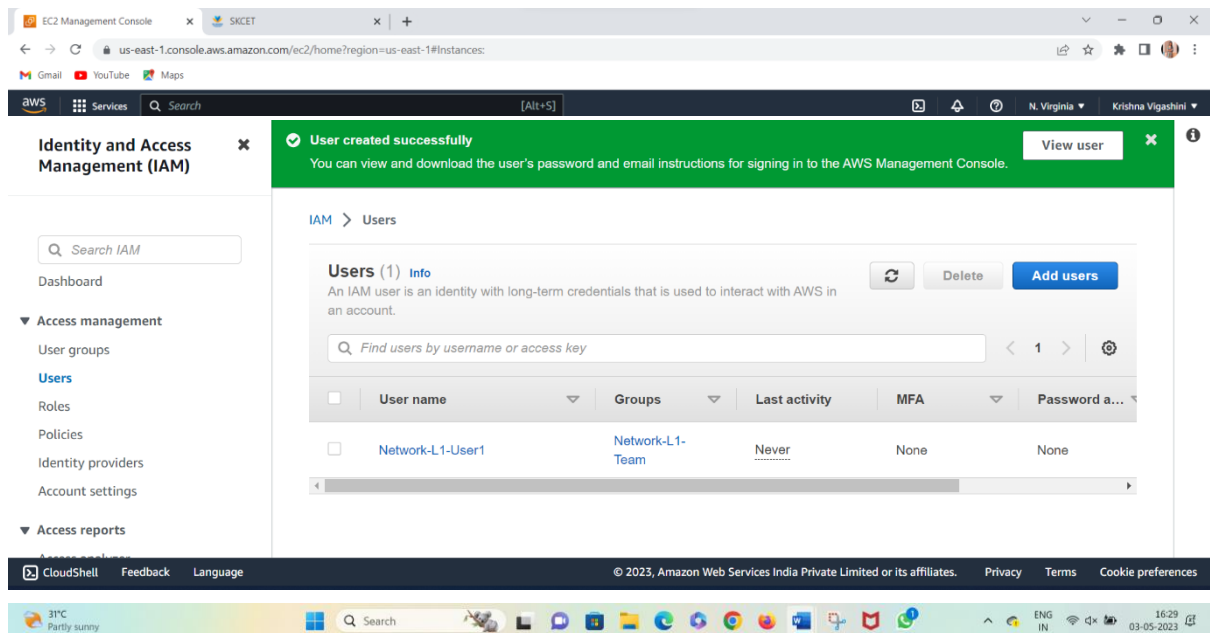
The name of the IAM group should be 'Network-L1-Team'.

(4 Marks)



The name of the IAM user should be 'Network-L1-User1'.

(4 Marks)

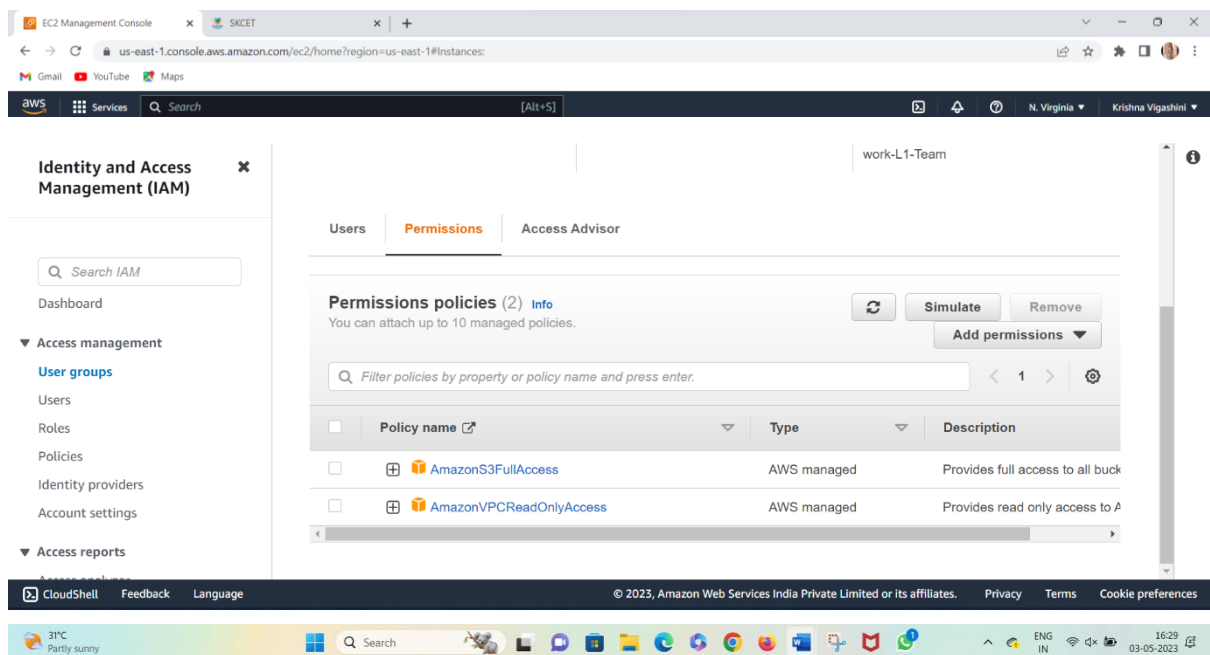


The screenshot shows the AWS IAM console interface. A green banner at the top indicates 'User created successfully'. The left sidebar shows the 'Identity and Access Management (IAM)' menu. The main content area displays the 'Users' page with a table listing the created user.

	User name	Groups	Last activity	MFA	Password a...
<input type="checkbox"/>	Network-L1-User1	Network-L1-Team	Never	None	None

The 'AmazonVPCReadOnlyAccess' policy should be attached.

(4 Marks)

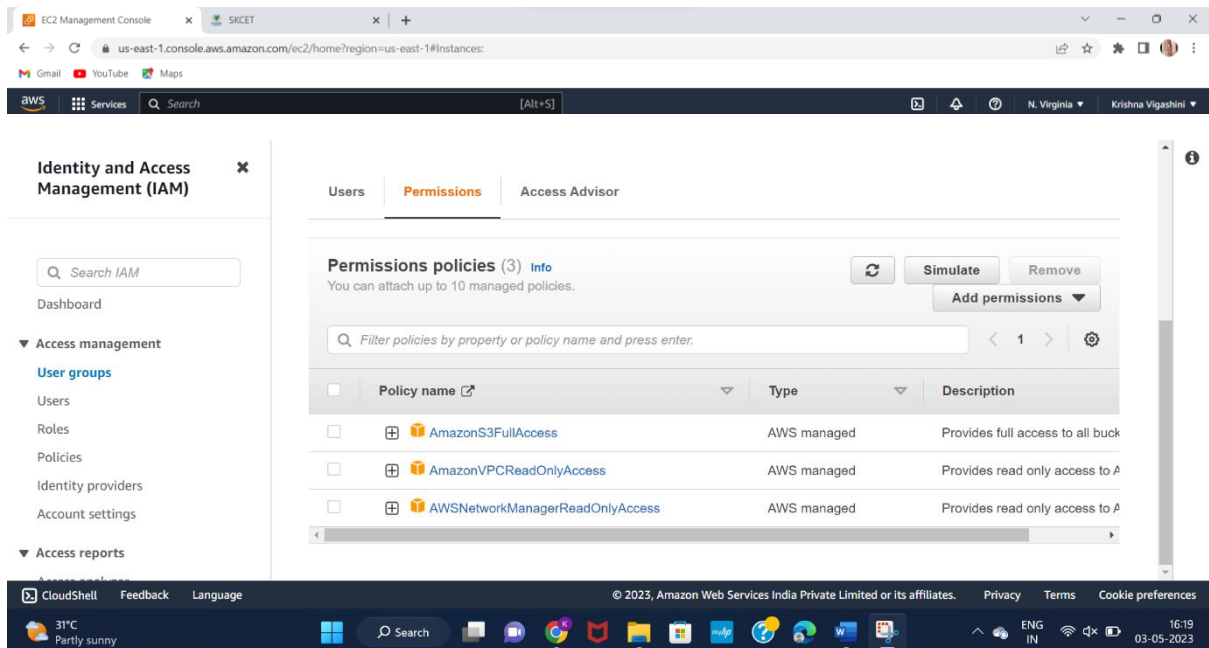


The screenshot shows the AWS IAM console interface, specifically the 'Permissions' tab for the 'Network-L1-Team' group. The 'Permissions policies' section shows two attached policies.

	Policy name	Type	Description
<input type="checkbox"/>	AmazonS3FullAccess	AWS managed	Provides full access to all buck
<input type="checkbox"/>	AmazonVPCReadOnlyAccess	AWS managed	Provides read only access to A

The 'AWSNetworkManagerReadOnlyAccess' policy should be attached.

(5 Marks)



Q3.

Create a S3 bucket for the following requirements

Create a new S3 bucket in the region of "Stockholm".

(4 Marks)

Make the bucket accessible to everyone(publicly) via Bucket ACL.

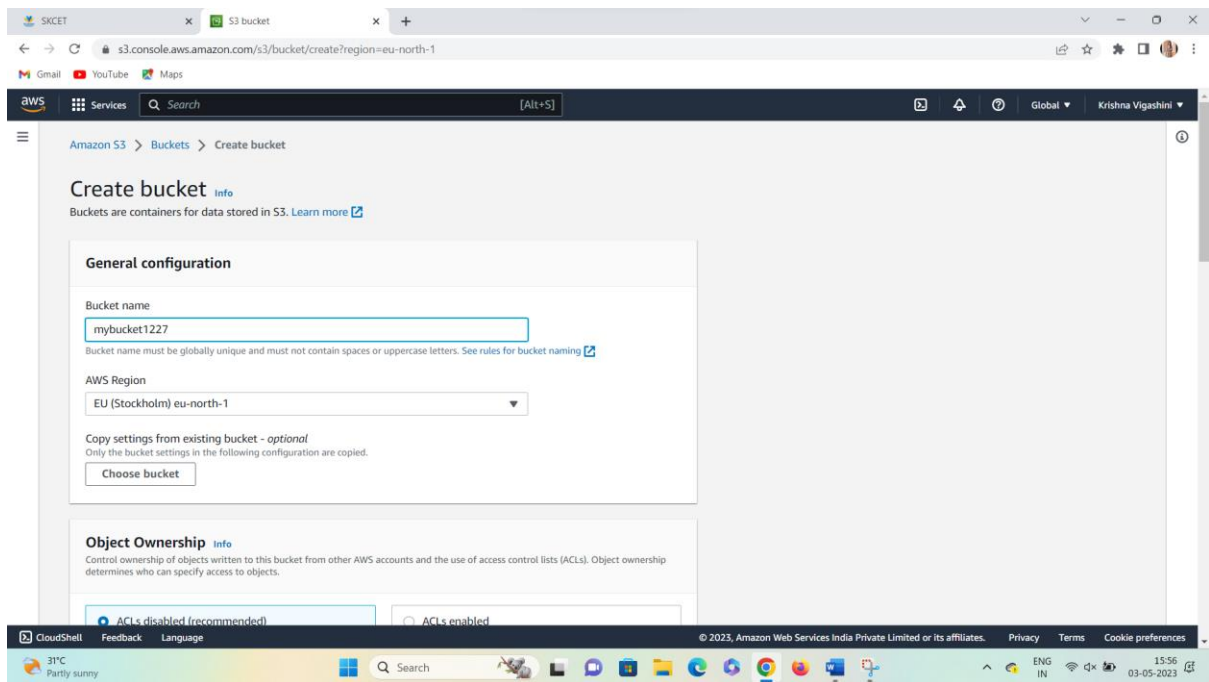
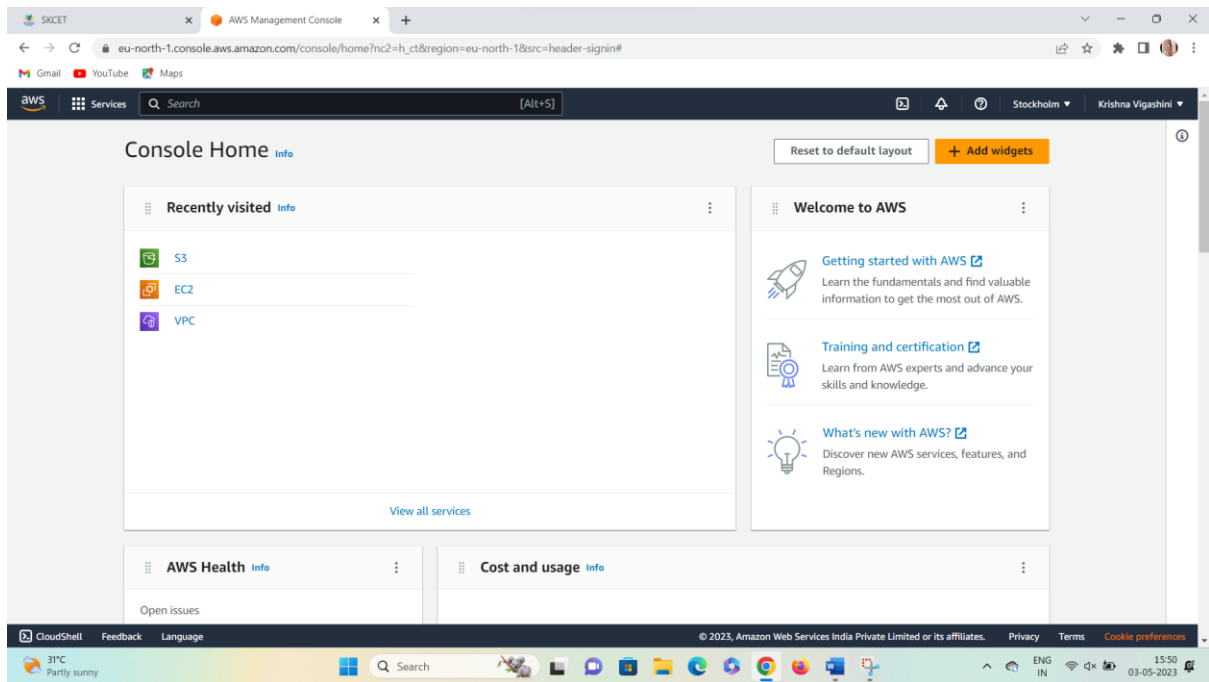
(4 Marks)

Upload a text file in the name of 'accounts.txt'.

(5 Marks)

Make the object 'accounts.txt' file accessible to everyone(publicly).

(4 Marks)



Amazon S3 Buckets

Account snapshot
Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

Buckets (2) [Info](#)

Buckets are containers for data stored in S3. [Learn more](#)

[Find buckets by name](#)

	Name	AWS Region	Access	Creation date
<input type="radio"/>	krishvigash	Asia Pacific (Mumbai) ap-south-1	Public	April 26, 2023, 09:12:51 (UTC+05:30)
<input type="radio"/>	mybucket1227	EU (Stockholm) eu-north-1	Objects can be public	May 3, 2023, 15:57:01 (UTC+05:30)

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Amazon S3

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

[Edit](#)

Block all public access
Off

Individual Block Public Access settings for this bucket

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

[Edit](#) [Delete](#)

No policy to display. [Copy](#)

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SKCET

mybucket1227 - S3 bucket

s3.console.aws.amazon.com/s3/buckets/mybucket1227?region=eu-north-1&tab=properties

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Successfully edited Bucket Versioning

To transition, archive, or delete older object versions, configure lifecycle rules for this bucket.

mybucket1227

info

Objects

Properties

Permissions

Metrics

Management

Access Points

Bucket overview

AWS Region

EU (Stockholm) eu-north-1

Amazon Resource Name (ARN)

arn:aws:s3::mybucket1227

Creation date

May 3, 2023, 15:57:01 (UTC+05:30)

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Edit

Bucket Versioning

Enabled

Multi-factor authentication (MFA) delete

An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

Disabled

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SKCET

S3 Management Console

s3.console.aws.amazon.com/s3/upload/mybucket1227?region=eu-north-1

Upload succeeded

View details below.

The information below will no longer be available after you navigate away from this page.

Summary

Destination

s3://mybucket1227

Succeeded

1 file, 3.0 B (100.00%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 3.0 B)

Find by name

Name

Folder

Type

Size

Status

Error

accounts.txt

-

text/plain

3.0 B

Succeeded

-

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