

KRISHNA VIGASHINI R G

727721EUIT081

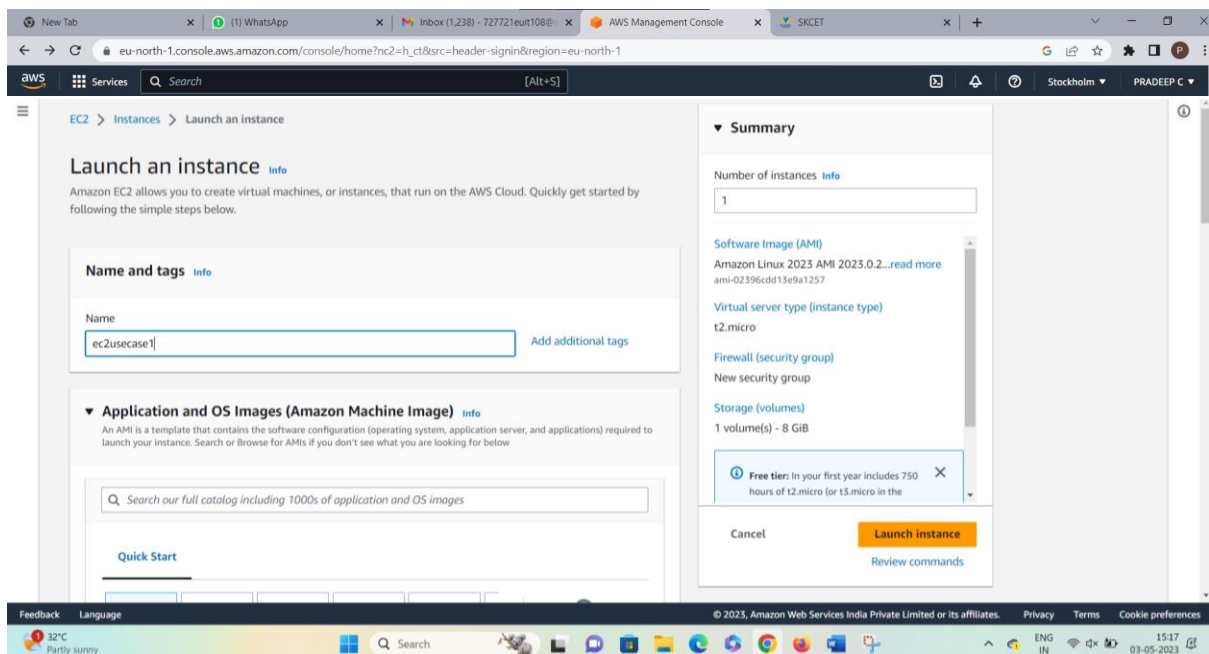
CC1

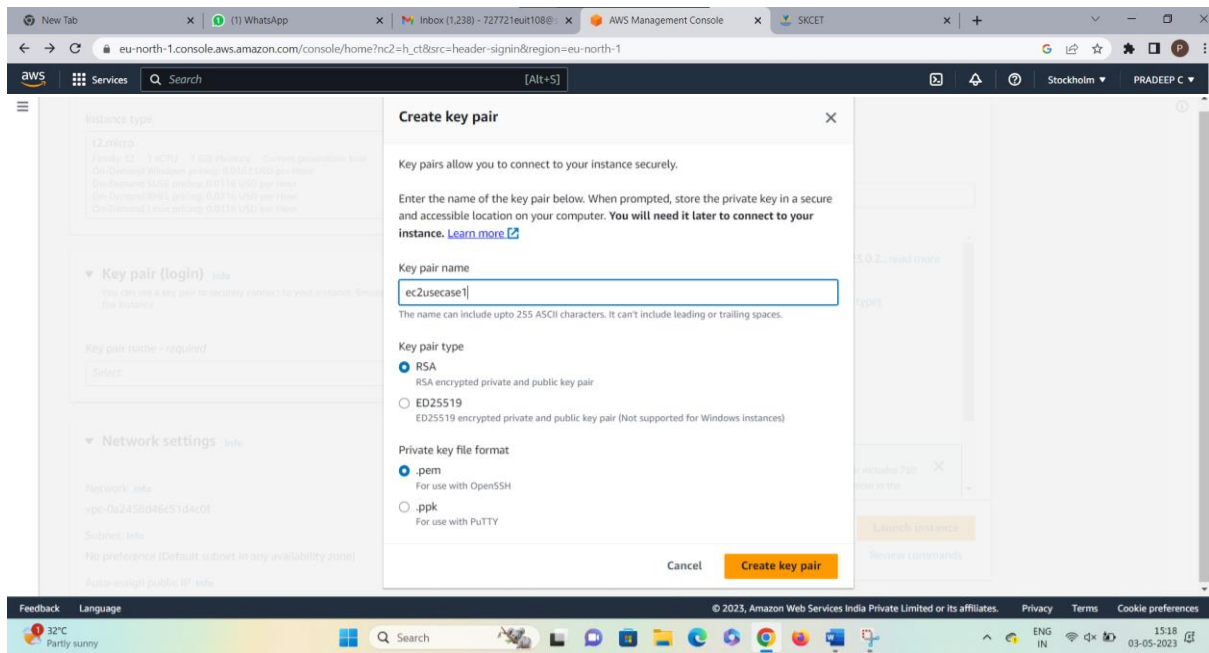
Q1.

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).

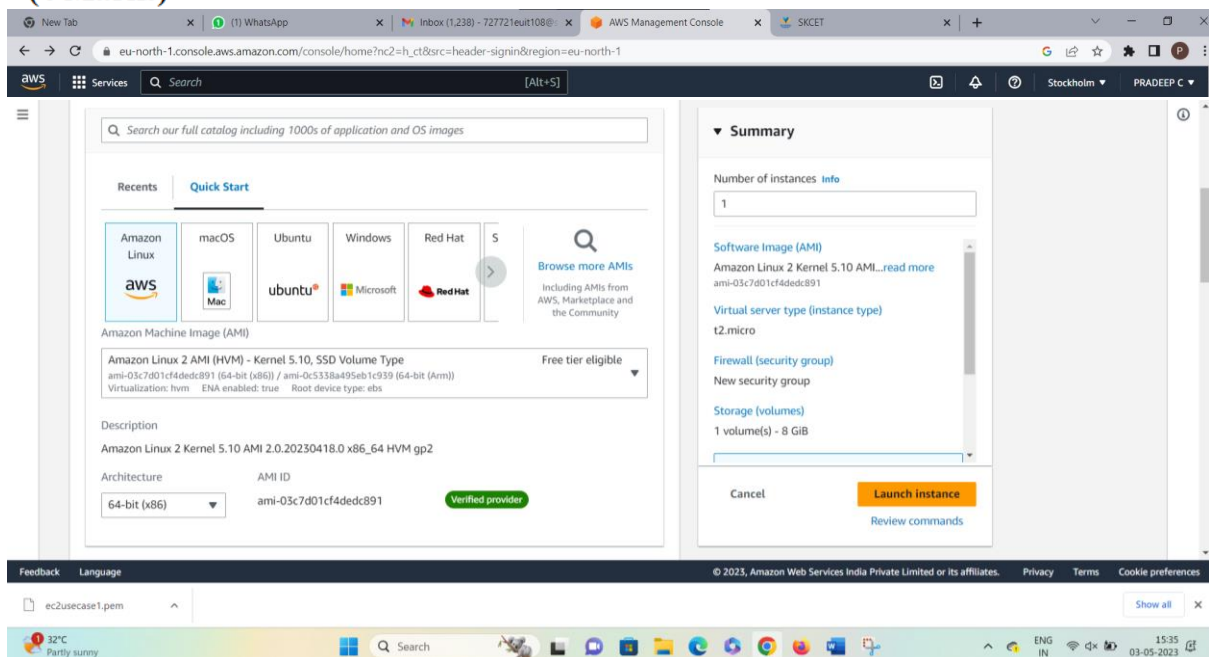
(4 Marks)





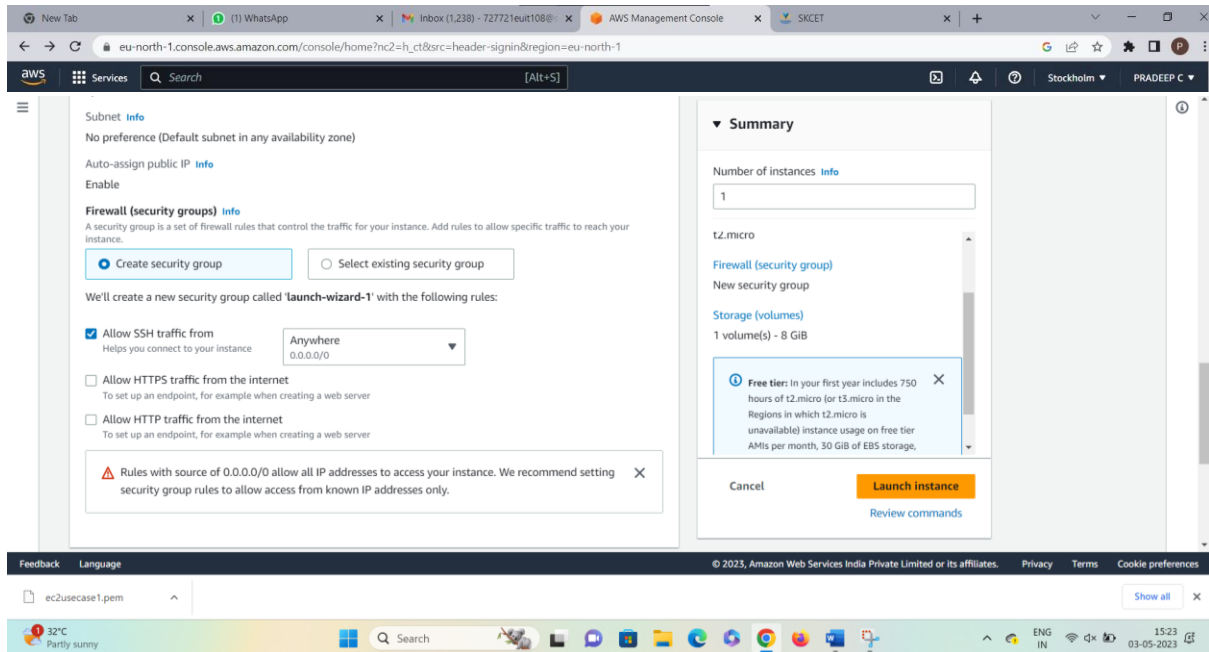
EC2 instance AMI should be "Amazon Linux 2".

(4 Marks)



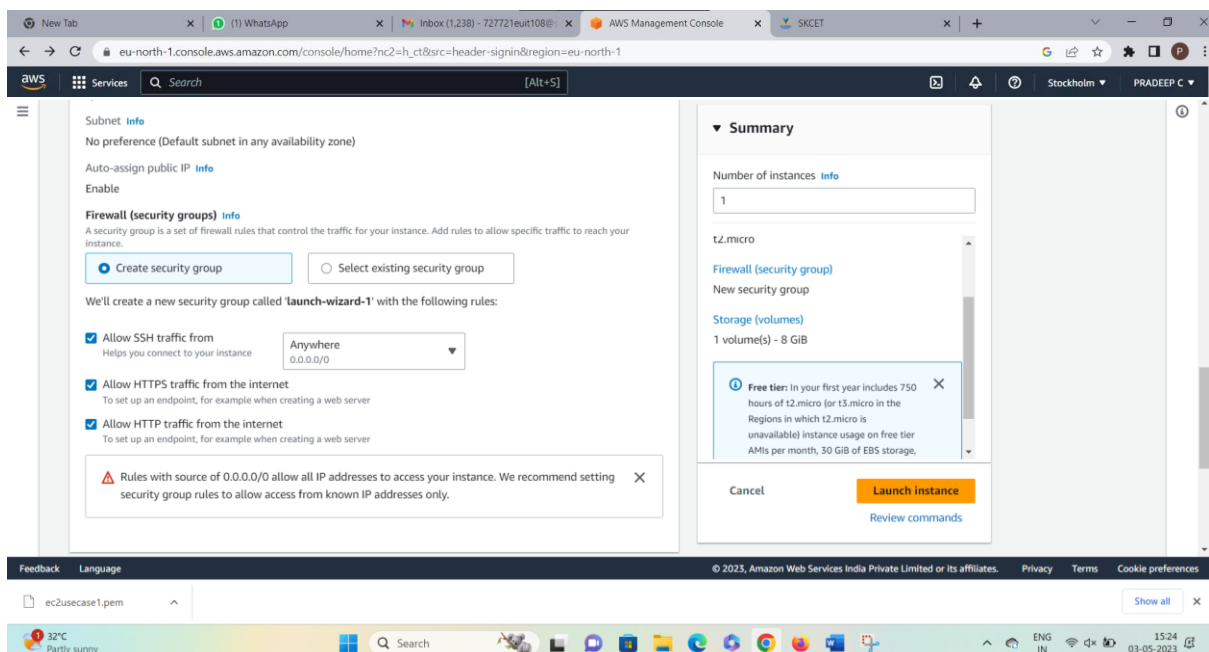
Allow SSH traffic for taking putty remote connection.

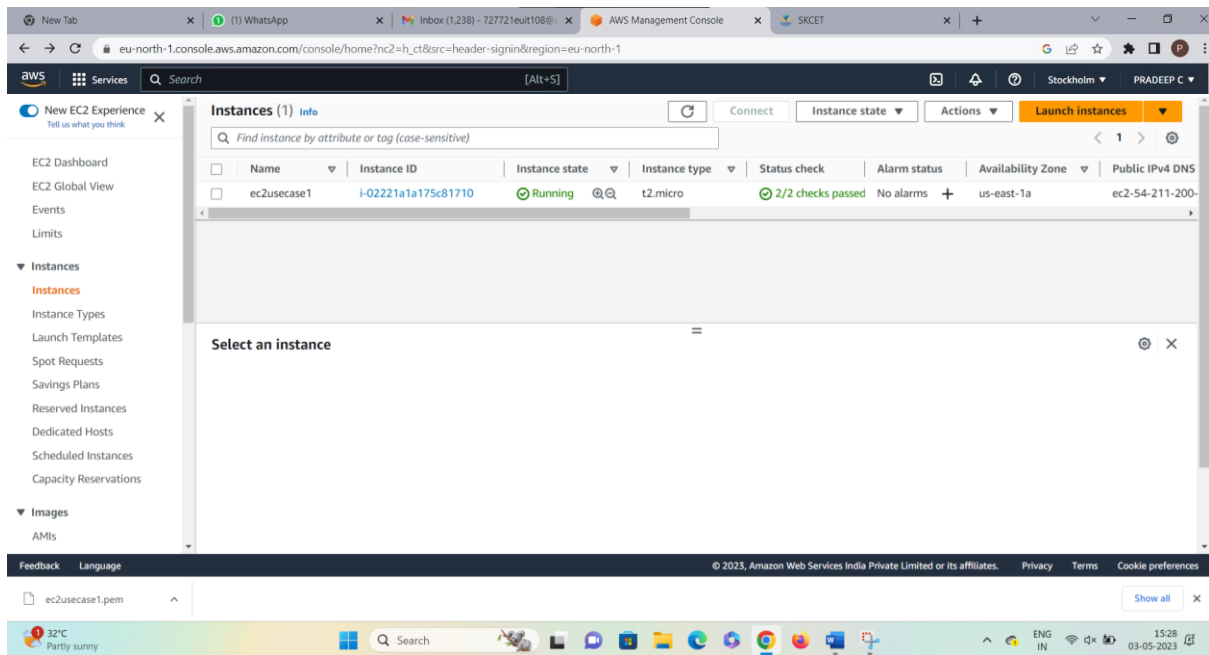
(4 Marks)



Allow HTTP traffic from the internet for reaching website requests.

(4 Marks)





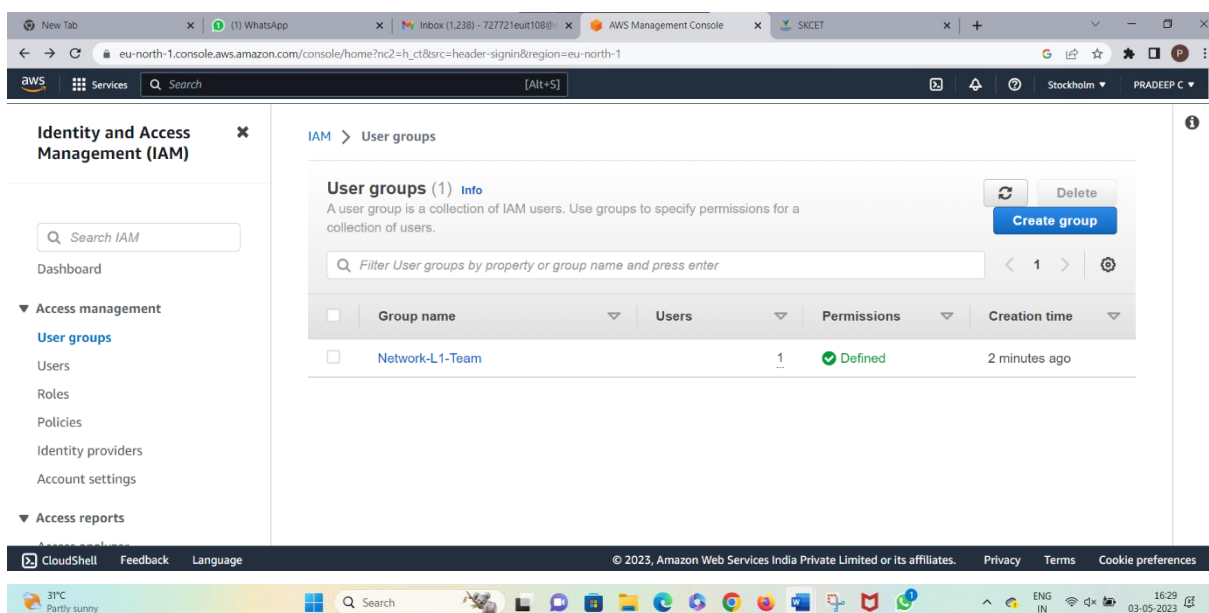
QUESTION 2

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.

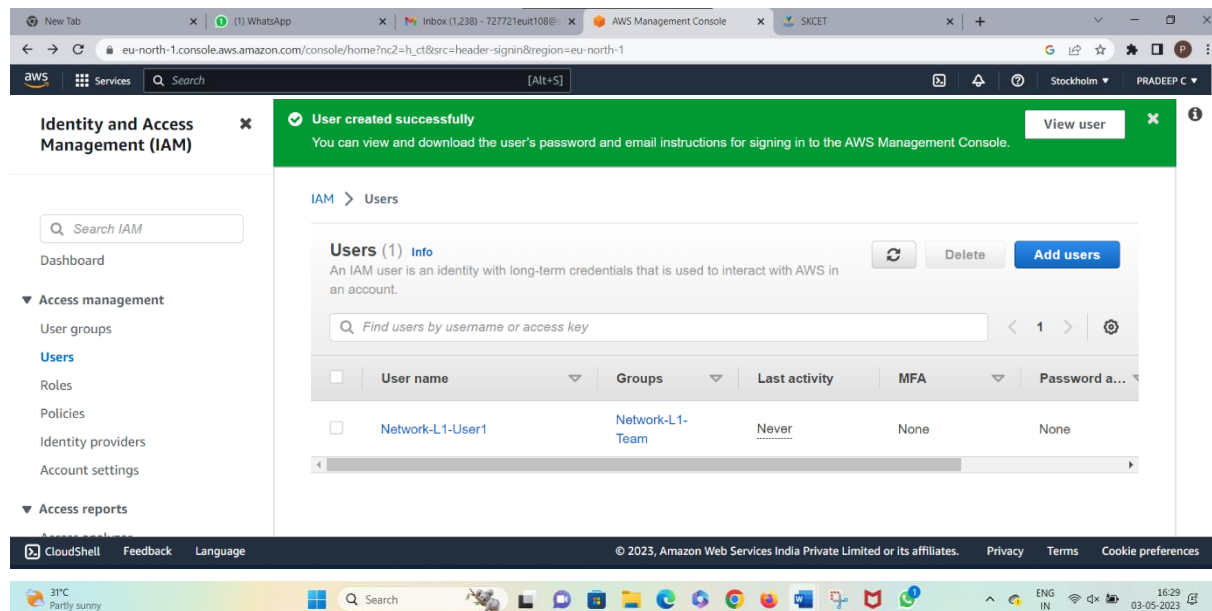
The name of the IAM group should be 'Network-L1-Team'.

(4 Marks)



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

(4 Marks)

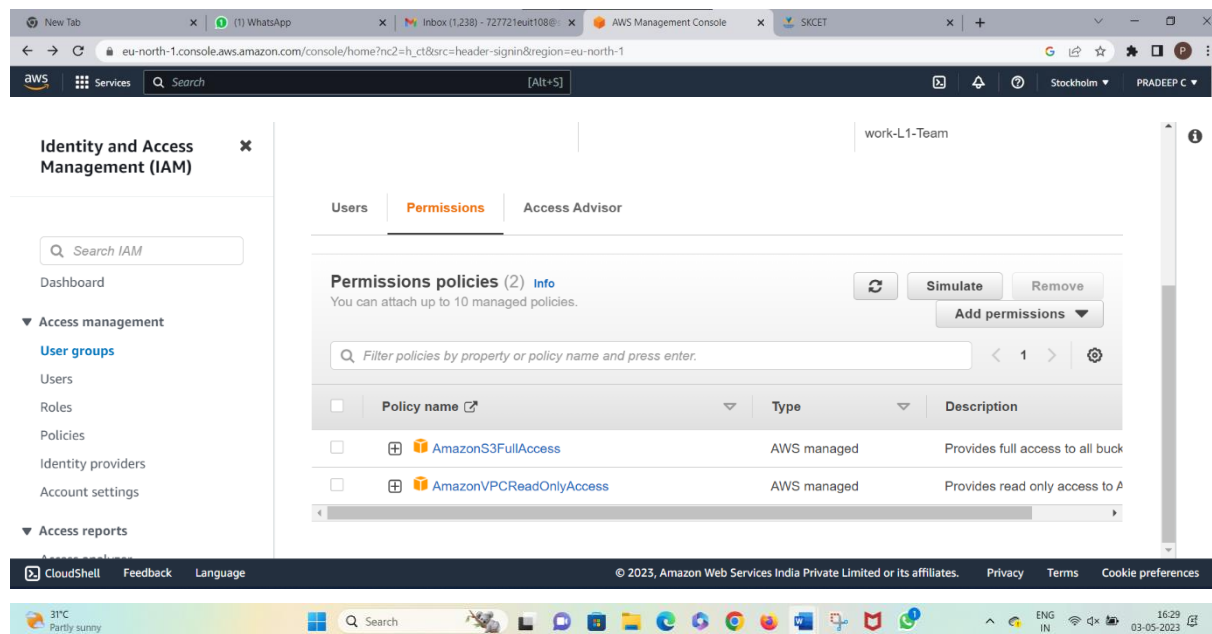


The screenshot shows the AWS IAM console interface. A green notification banner at the top states "User created successfully" with a "View user" button. The left sidebar contains navigation links for Identity and Access Management (IAM), including Dashboard, Access management (User groups, Users, Roles, Policies, Identity providers, Account settings), and Access reports. The main content area displays the "Users" page with a search bar and a table of users. The table has columns for checkboxes, User name, Groups, Last activity, MFA, and Password a... The user "Network-L1-User1" is listed with the group "Network-L1-Team", last activity "Never", MFA "None", and Password a... The bottom of the screen shows a Windows taskbar with various application icons and system tray information.

	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)

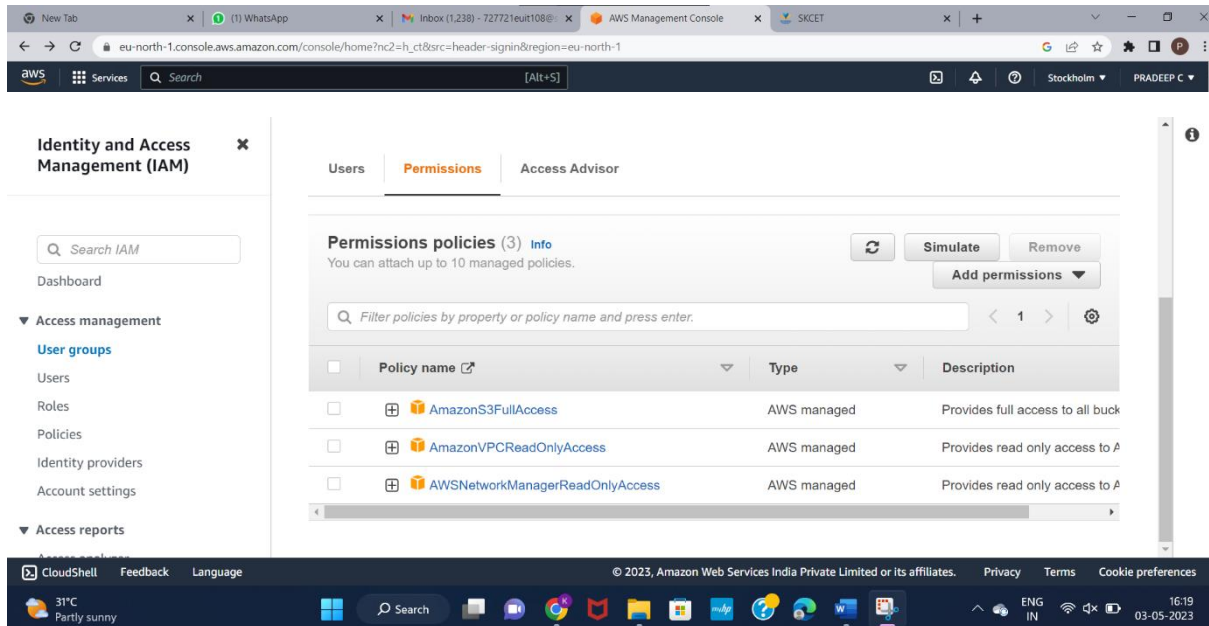


The screenshot shows the AWS IAM console interface, specifically the "Permissions" tab for a user named "work-L1-Team". The left sidebar is the same as in the previous screenshot. The main content area displays the "Permissions policies (2)" section with a search bar and a table of policies. The table has columns for checkboxes, Policy name, Type, and Description. Two policies are listed: "AmazonS3FullAccess" (AWS managed, Provides full access to all buck) and "AmazonVPCReadOnlyAccess" (AWS managed, Provides read only access to A). The bottom of the screen shows a Windows taskbar with various application icons and system tray information.

	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.

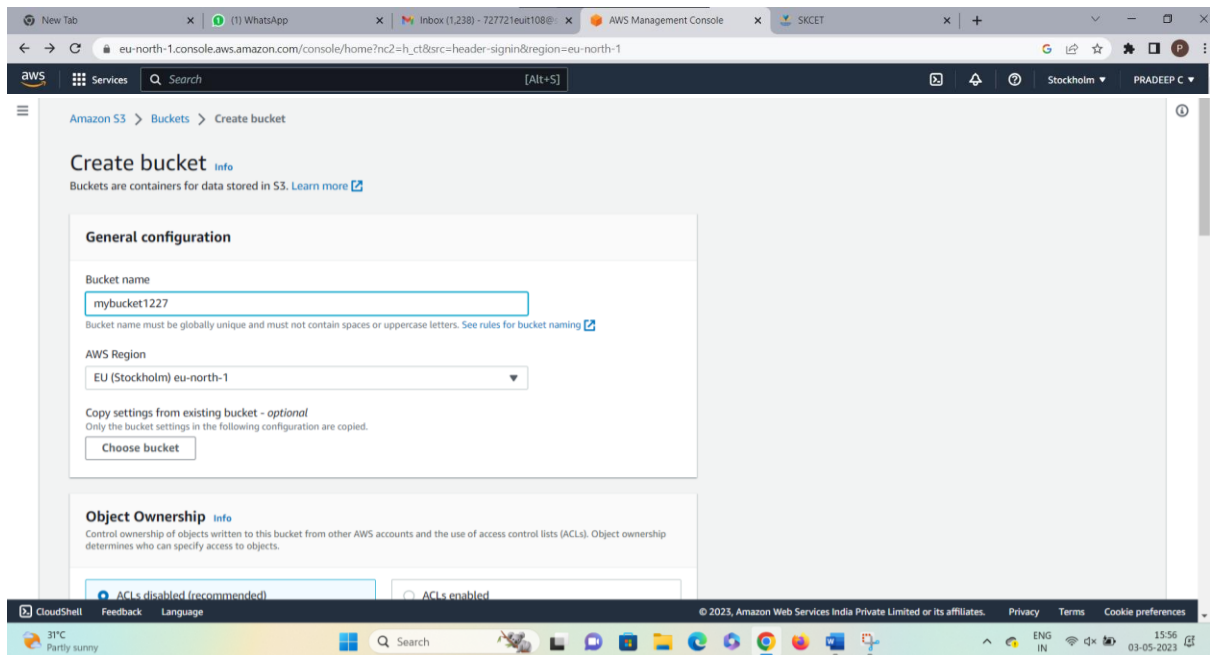
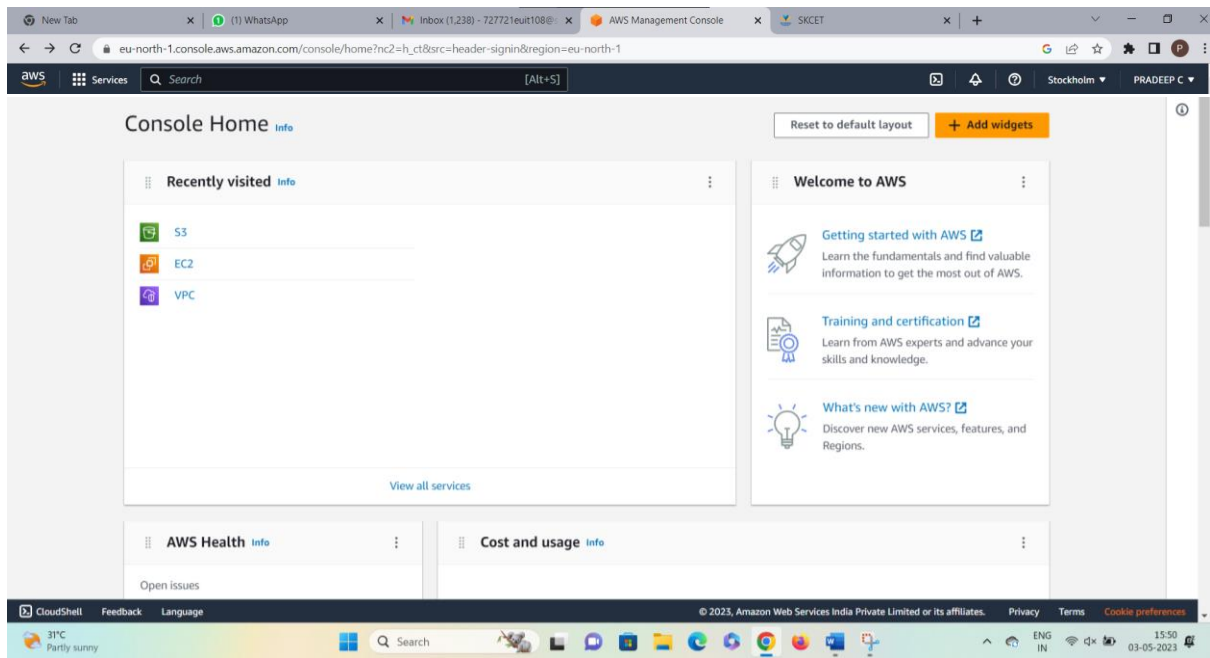
(4 Marks)

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

(5 Marks)

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

(4 Marks)



eu-north-1.console.aws.amazon.com/console/home?nc2=h_ct&src=header-signin®ion=eu-north-1

Amazon S3 Buckets

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

[View Storage Lens dashboard](#)

Buckets (2) [Info](#) [Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

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

	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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31°C Partly sunny

eu-north-1.console.aws.amazon.com/console/home?nc2=h_ct&src=header-signin®ion=eu-north-1

Amazon S3 **Successfully edited Block Public Access settings for this bucket.**

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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Amazon S3

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

mybucket1227

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)
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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](#)

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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eu-north-1.console.aws.amazon.com/console/home?nc2=h_ct&src=header-signin®ion=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%)
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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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