

727721EUIT070

M KARTHIKEYAN

03-05-2023

AWS CLOUD COMPUTING

2023_SKCET_Cloud_CC1

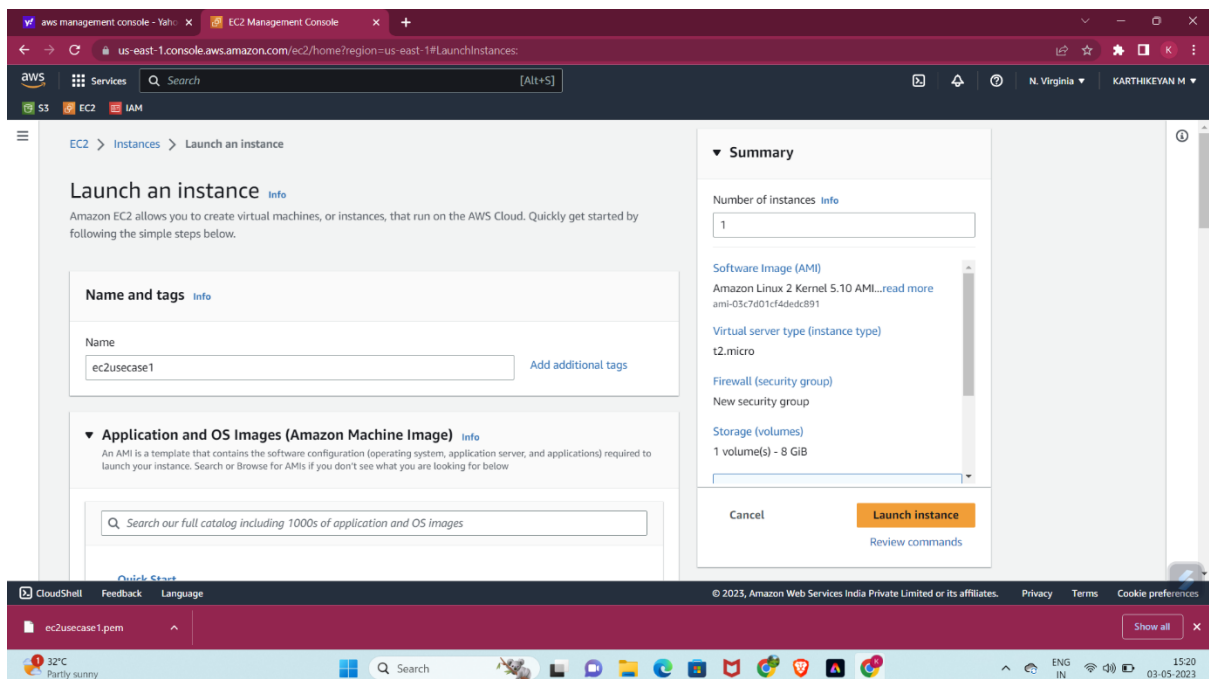
Time: 30 minutes

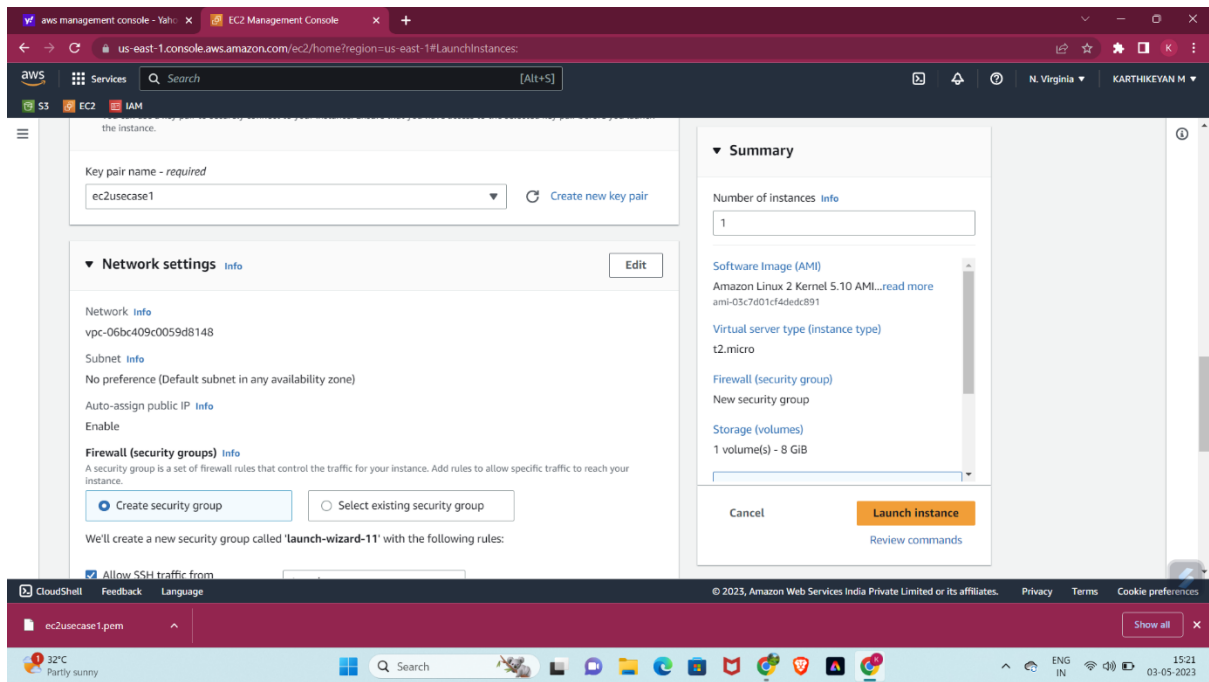
Marks: 16

Q1.

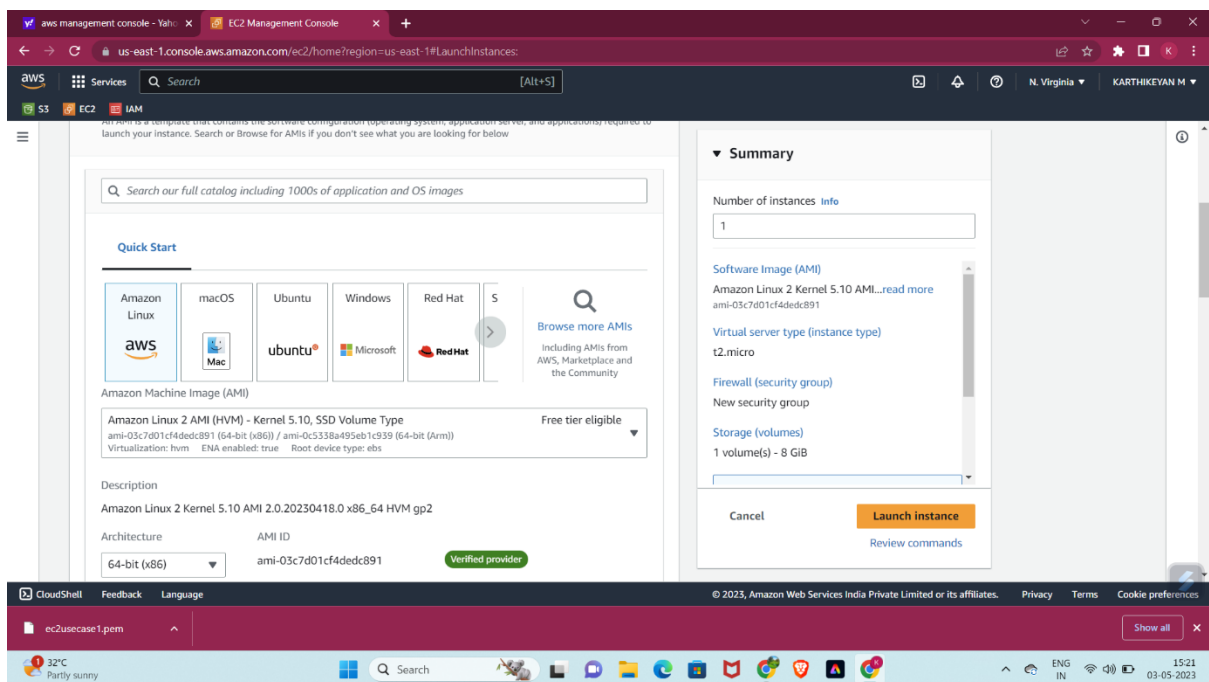
Create an EC2 Instance in the us-east-1 region with the following requirements.

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

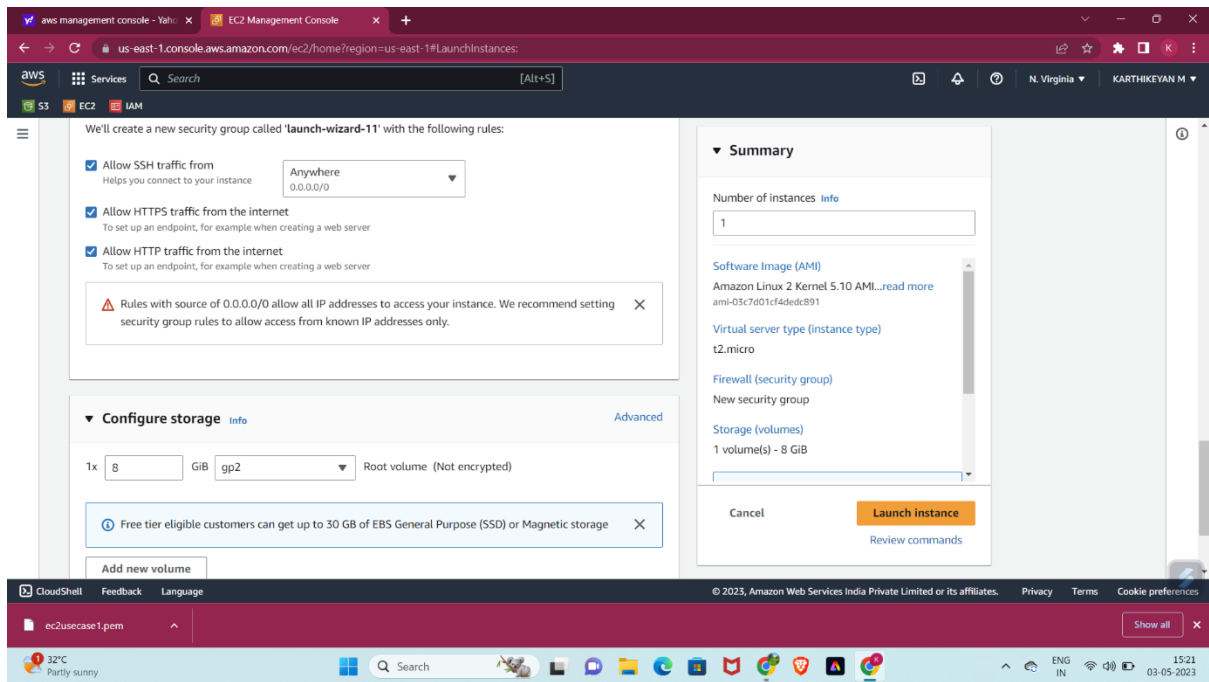




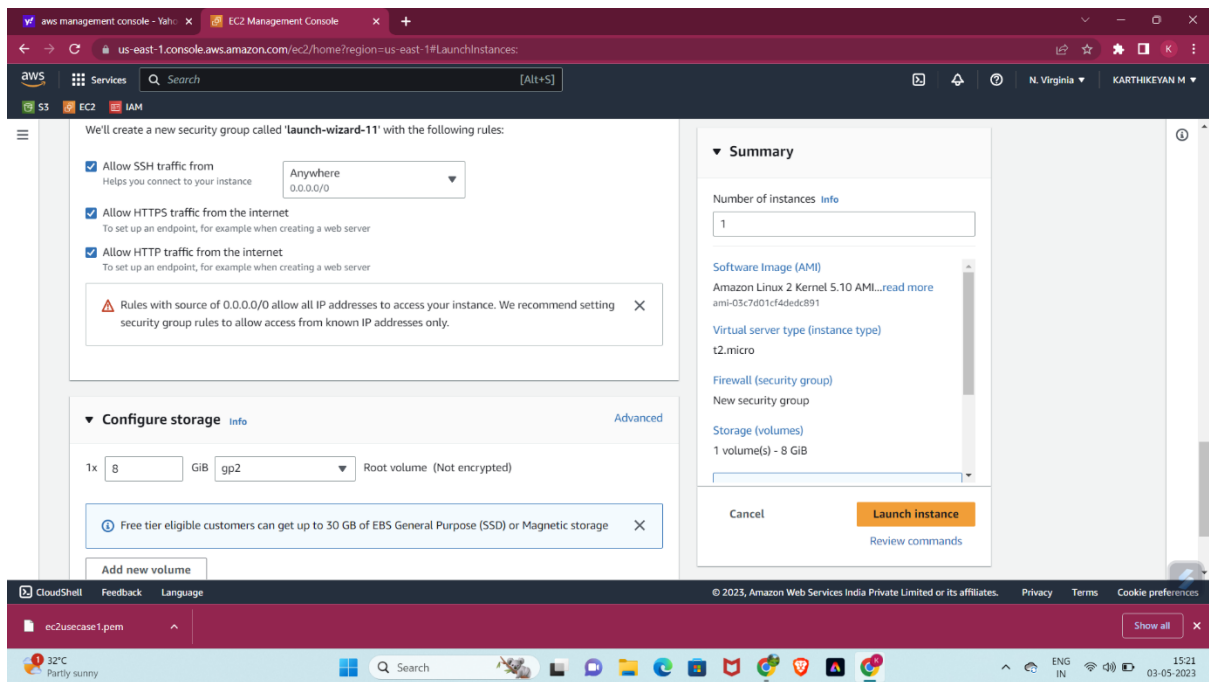
EC2 instance AMI should be "Amazon Linux 2".



Allow SSH traffic for taking putty remote connection.



Allow HTTP traffic from the internet for reaching website requests.



aws management console - Yahi: x EC2 Management Console x +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

Services Search [Alt+S]

S3 EC2 IAM

EC2 > Instances > Launch an instance

Success
Successfully initiated launch of instance (i-0eb871cf326af5990)
▶ Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

Create billing and free tier usage alerts
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.
Create billing alerts

Connect to your instance
Once your instance is running, log into it from your local computer.
Connect to instance

Connect an RDS database
Configure the connection between an EC2 instance and a database to allow traffic flow between them.
Connect an RDS database

Create EBS snapshot policy
Create a policy that automates the creation, retention, and deletion of EBS snapshots.
Create EBS snapshot policy

CloudShell Feedback Language

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ec2usecase1.pem Show all

32°C Partly sunny

aws management console - Yahi: x Instances | EC2 Management Console x +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances?v=3&case=tags:true%5Cclient:false;\$regex=tags:false%5Cclient:false

Services Search [Alt+S]

S3 EC2 IAM

New EC2 Experience Learn more

EC2 Dashboard
EC2 Global View
Events
Limits

Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations

Images
AMIs

Instances (3) Info

Find instance by attribute or tag (case-sensitive)

Connect Instance state Actions Launch instances

	Name	Instance ID	Instance state	Instance type	Availability Zone	Security group name	Key name	Launch
<input type="checkbox"/>	command	i-043573d2857162012	Stopped	t2.micro	us-east-1a	launch-wizard-9	KARTHIKEYAN	2023/0
<input type="checkbox"/>	kamal	i-036143561d5d6234e	Terminated	t2.micro	us-east-1a	-	Karthi	2023/0
<input type="checkbox"/>	ec2usecase1	i-0eb871cf326af5990	Running	t2.micro	us-east-1a	launch-wizard-11	ec2usecase1	2023/0

Select an instance

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32°C Very high UV

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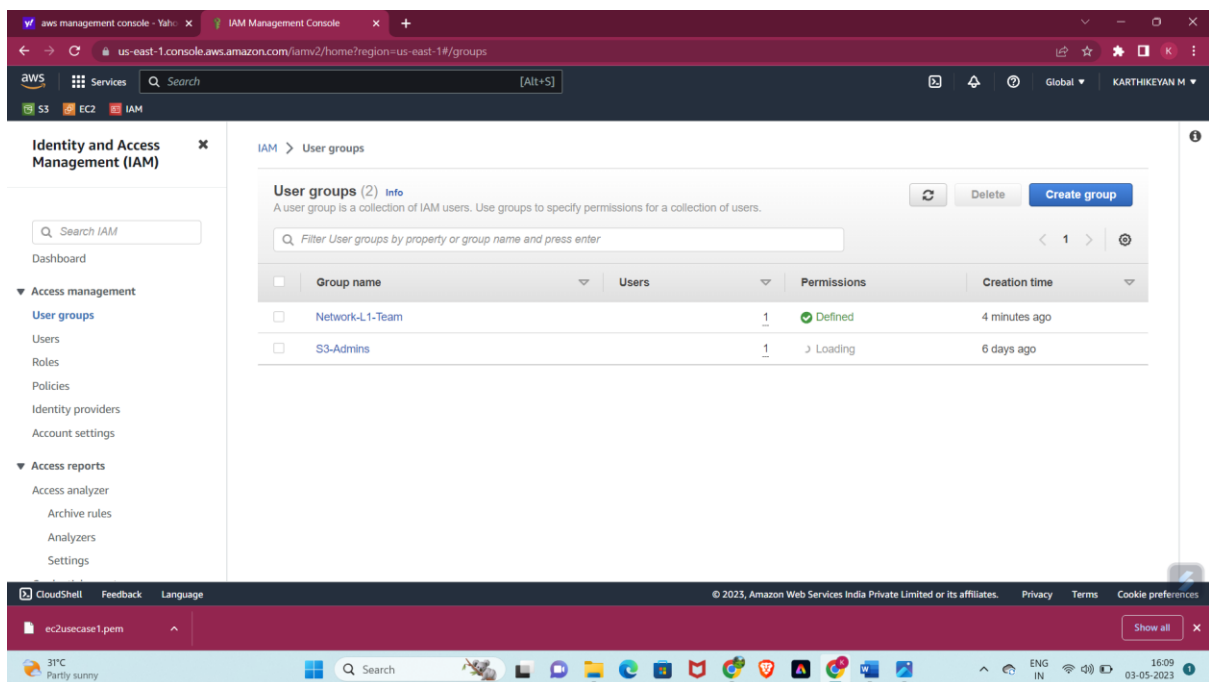
Time: 30 minutes

Marks: 17

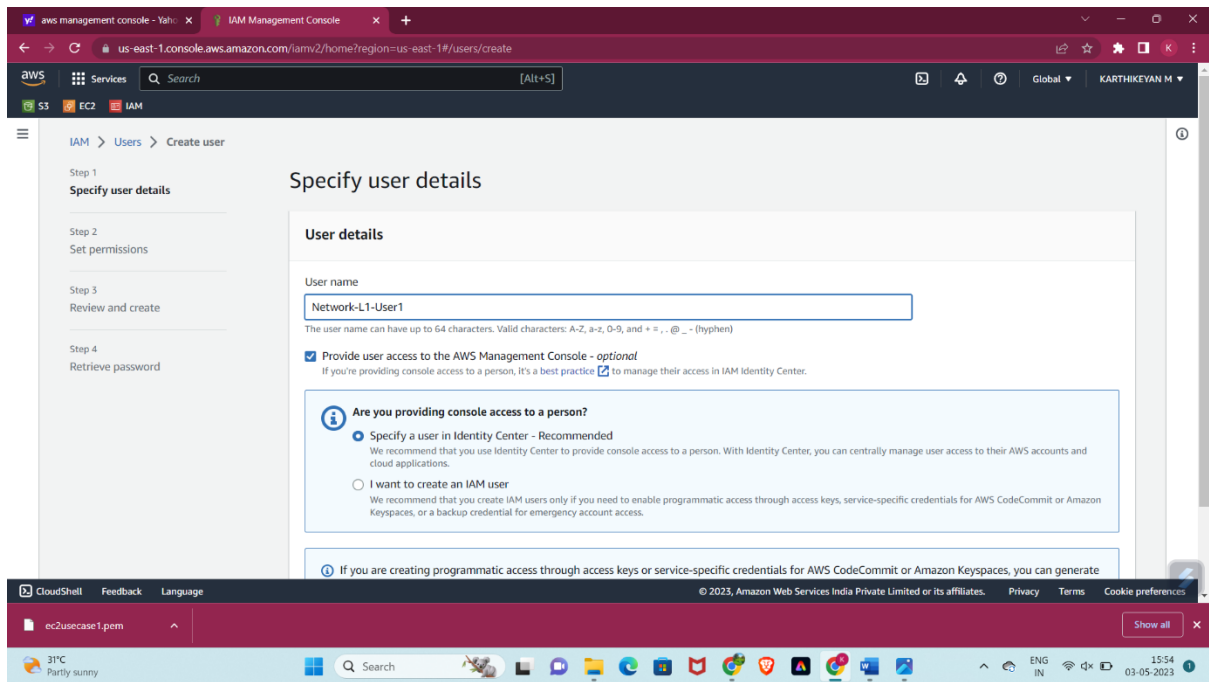
Q2.

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.

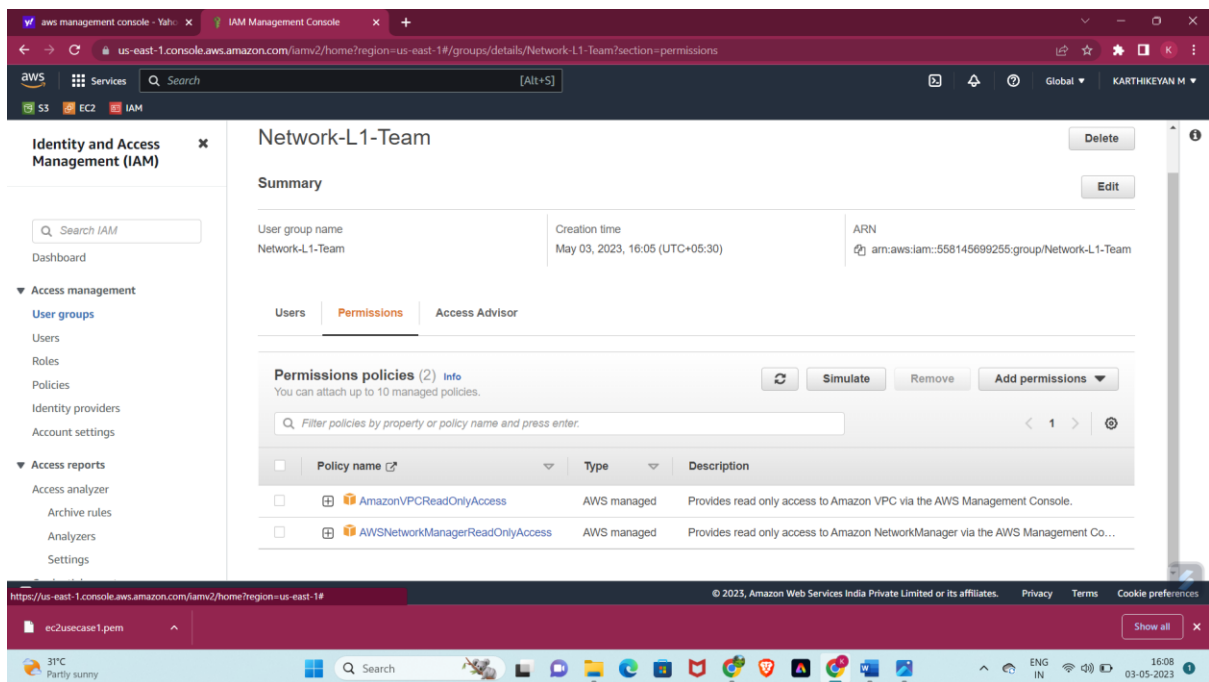
The name of the IAM group should be 'Network-L1-Team'.



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



The 'AmazonVPCReadOnlyAccess' policy should be attached.



The 'AWSNetworkManagerReadOnlyAccess' policy should be attached.

aws management console - Yah...IAM Management Console

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/groups/details/Network-L1-Team?section=permissions

ServicesSearch[Alt+S]

S3EC2IAM

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analysts

Settings

Network-L1-Team

Delete

Summary

Edit

User group name

Network-L1-Team

Creation time

May 03, 2023, 16:05 (UTC+05:30)

ARN

arn:aws:iam::558145699255:group/Network-L1-Team

UsersPermissionsAccess Advisor

Permissions policies (2) Info

You can attach up to 10 managed policies.

Filter policies by property or policy name and press enter.

Policy name

Type

Description

AmazonVPCReadOnlyAccess

AWS managed

Provides read only access to Amazon VPC via the AWS Management Console.

AWSNetworkManagerReadOnlyAccess

AWS managed

Provides read only access to Amazon NetworkManager via the AWS Management Co...

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ec2usecase1.pemShow all

31°CPartly sunnySearchENG IN16:0803-05-2023

2023_SKCET_Cloud_CC1

Time: 30 minutes

Marks: 17

Q3.

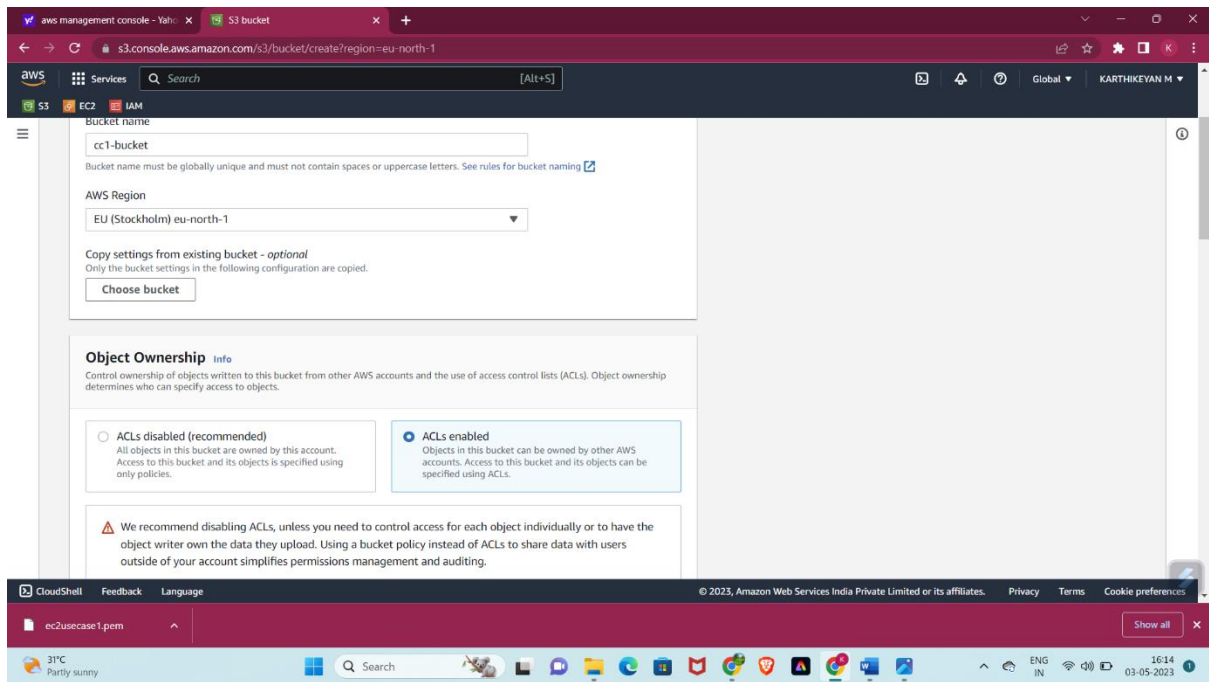
Create a S3 bucket for the following requirements

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

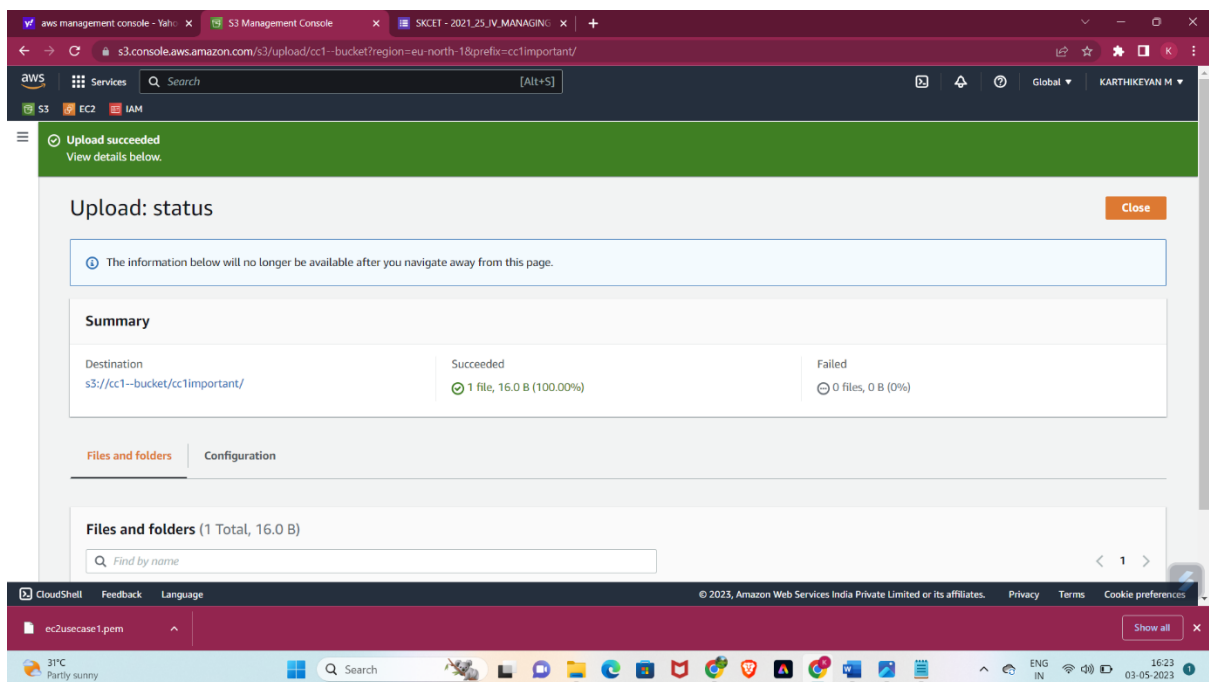
The screenshot shows the AWS Management Console interface for the S3 service. The left sidebar contains navigation links for Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3, Block Public Access settings, Storage Lens, Dashboards, AWS Organizations settings, and Feature spotlight. The main content area shows the 'Buckets (5)' section with a search bar and a table of buckets. The table has columns for Name, AWS Region, Access, and Creation date. The buckets listed are:

Name	AWS Region	Access	Creation date
cc1--bucket	EU (Stockholm) eu-north-1	Objects can be public	May 3, 2023, 16:16:01 (UTC+05:30)
karthi0	US East (N. Virginia) us-east-1	Objects can be public	April 26, 2023, 09:21:23 (UTC+05:30)
karthi070	US East (N. Virginia) us-east-1	Objects can be public	April 25, 2023, 14:29:15 (UTC+05:30)
karthi0700	US East (N. Virginia) us-east-1	Objects can be public	April 26, 2023, 09:29:42 (UTC+05:30)
newab	US East (N. Virginia) us-east-1	Public	April 28, 2023, 09:58:05 (UTC+05:30)

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



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



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

aws management console - Yah...S3 Management ConsoleSKCET - 2021_25_IV_MANAGING

s3.console.aws.amazon.com/s3/upload/cc1--bucket?region=eu-north-1&prefix=cc1important/

ServicesSearch[Alt+S]

S3EC2IAM

Upload succeededView details below.

Upload: statusClose

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

Summary

Destination s3://cc1--bucket/cc1important/	Succeeded 1 file, 16.0 B (100.00%)	Failed 0 files, 0 B (0%)
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Files and foldersConfiguration

Files and folders (1 Total, 16.0 B)

Find by name

< 1 >

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ec2usecase1.pemShow all

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