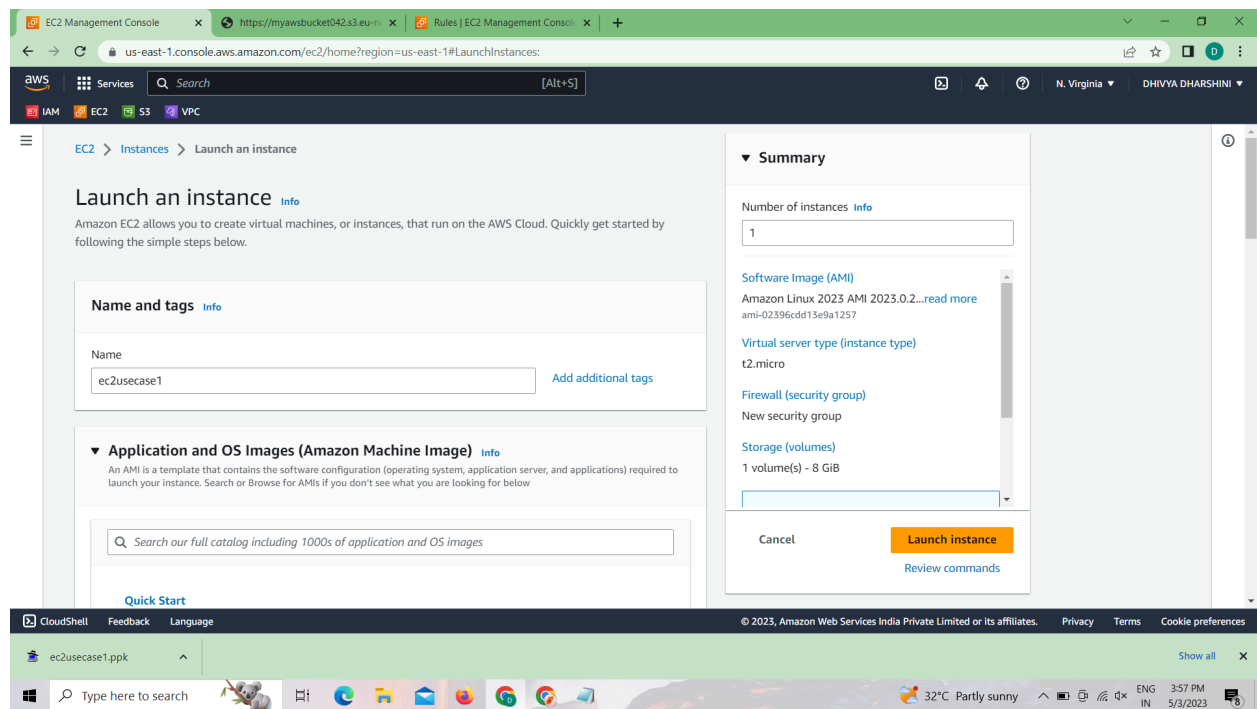


NAME : DHIVYA DHARSHINI T
ROLL NO : 727721EUIT033
EMAIL: 727721euit033@skcet.ac.in

CLOUD COMPUTING CC1

QUESTION NO 1:

NAME AND TAGS :



EC2 INSTANCE WITH AMAZON LINUX :

The screenshot displays the AWS Management Console interface for creating a new EC2 instance. The browser address bar shows the URL: `https://myawsbucket042.s3.eu-n...` and the console path: `us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:`.

The console header includes the AWS logo, a search bar, and navigation links for IAM, EC2, S3, and VPC. The user is logged in as DHIVYA DHARSHINI in the N. Virginia region.

The main content area is divided into two panels. The left panel, titled "Application and OS Images (Amazon Machine Image)", shows a search bar and a "Quick Start" section. Under "Quick Start", there are tiles for Amazon Linux, macOS, Ubuntu, Windows, and Red Hat. The "Amazon Linux" tile is selected, showing details for the "Amazon Linux 2023 AMI" (ami-02396cdd13e9a1257). The description indicates it is a 64-bit (x86) AMI with uEFI boot mode and a verified provider status.

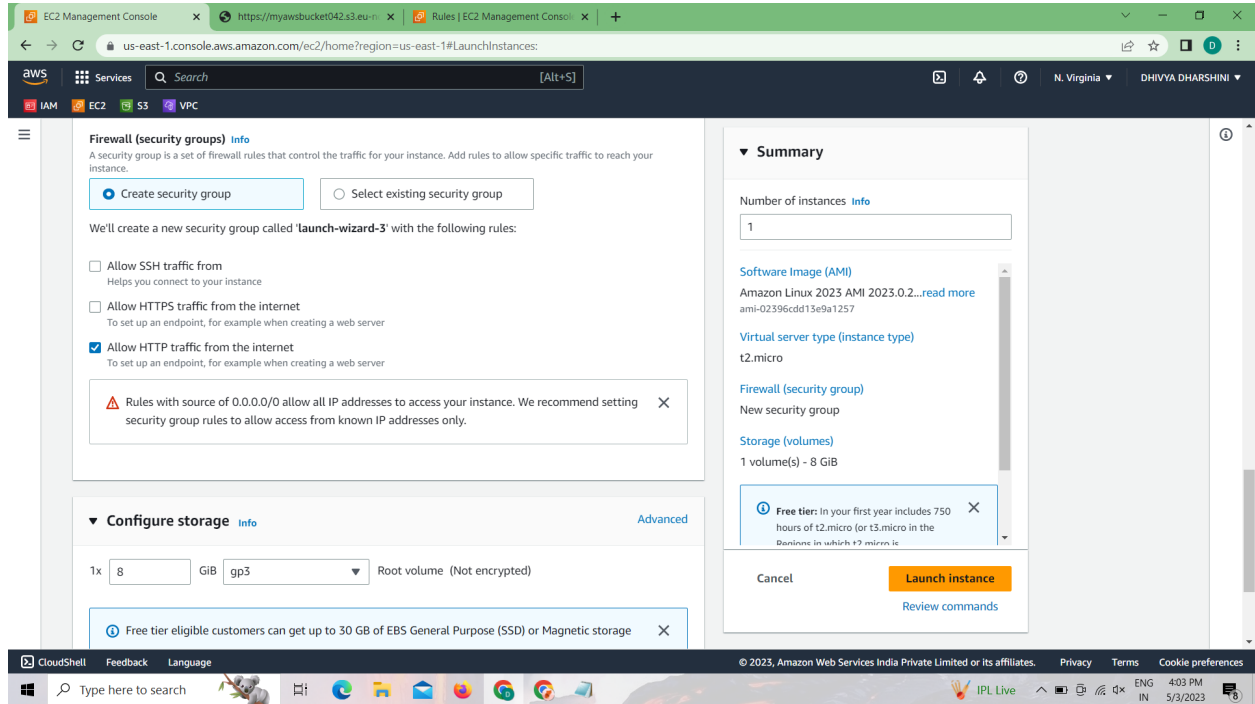
The right panel, titled "Summary", shows the configuration for the instance. It includes a "Number of instances" field set to 1, a "Software Image (AMI)" field showing the selected Amazon Linux 2023 AMI, a "Virtual server type (instance type)" field set to t2.micro, a "Firewall (security group)" field set to a new security group, and a "Storage (volumes)" field set to 1 volume(s) - 8 GiB. A "Free tier" notification indicates that the first year includes 750 hours of t2.micro (or t3.micro) in the Region in which t2.micro is used. The "Launch instance" button is highlighted in orange.

The bottom of the console shows a task list with items like "On-Demand Windows pricing", "On-Demand SUSE pricing", "On-Demand RHEL pricing", and "On-Demand Linux pricing".

A "Create key pair" dialog box is open in the foreground. It prompts the user to enter a key pair name, which is "ec2usecase1". The key pair type is set to "RSA" (RSA encrypted private and public key pair). The private key file format is set to ".ppk" (For use with PuTTY). The dialog box includes a "Create key pair" button and a "Cancel" button.

The bottom of the console shows a task list with items like "On-Demand Windows pricing", "On-Demand SUSE pricing", "On-Demand RHEL pricing", and "On-Demand Linux pricing".

HTTP REQUEST :



SSH REQUEST :

EC2 Management Console

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

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group ☐ Select existing security group

We'll create a new security group called 'launch-wizard-3' with the following rules:

- ☒ Allow SSH traffic from Helps you connect to your instance
- ☐ Allow HTTPS traffic from the internet To set up an endpoint, for example when creating a web server
- ☒ Allow HTTP traffic from the internet To set up an endpoint, for example when creating a web server

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

▼ Configure storage Info Advanced

1x GiB Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

▼ Summary

Number of instances Info

Software Image (AMI) Amazon Linux 2023 AMI 2023.0.2...read more ami-02396cdd13e9a1257

Virtual server type (instance type) t2.micro

Firewall (security group) New security group

Storage (volumes) 1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Business in which t3.micro is)

Cancel [Launch instance](#) [Review commands](#)

CloudShell Feedback Language

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ENG IN 4:04 PM 5/3/2023

LAUNCHED INSTANCE:

EC2 Management Console

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

New EC2 Experience Tell us what you think

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 (1/2) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
ec2usecase1	i-0c91e7f9ac70a6700	Running	t2.micro	-	No alarms +	us-east-1a	ec2-3-86-217-17

Instance: i-011e3e8af530042d4 (ec2usecase1)

Details Security Networking Storage Status checks Monitoring Tags

▼ Instance summary Info

Instance ID i-011e3e8af530042d4 (ec2usecase1)	Public IPv4 address 44.211.155.198 open address	Private IPv4 addresses 172.31.95.126
IPv6 address -	Instance state Shutting-down	Public IPv4 DNS ec2-44-211-155-198.compute-1.amazonaws.com open address
Hostname type	Private IP DNS name (IPv4 only)	

ec2usecase1.ppk

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32°C Partly sunny ENG IN 3:58 PM 5/3/2023

QUESTION NO : 2

CREATION OF THE GROUP :

The screenshot displays the AWS IAM Management Console interface. A green notification banner at the top states "Network_L1-Team user group created." with a "View group" button. The left sidebar shows the "Identity and Access Management (IAM)" menu with options like Dashboard, Access management, Access reports, and Service control policies. The main content area is titled "User groups (1) info" and includes a "Create group" button. Below this is a table listing the created user group:

<input type="checkbox"/>	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	Network_L1-Team	0	Defined	Now

The bottom of the screen shows the Windows taskbar with various application icons and system information like temperature (32°C) and time (3:46 PM on 5/3/2023).

CREATION OF IAM USER:

us-east-1.console.aws.amazon.com/iamv2/home?region=eu-north-1#/users

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
- Analizers
- Settings
- Credential report
- Organization activity

Service control policies (SCPs)

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User created successfully

You can view and download the user's password and email instructions for signing in to the AWS Management Console.

[View user](#)

IAM > Users

Users (1) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	Network-L1-User1	None	Never	None	None	-

us-east-1.console.aws.amazon.com/iamv2/home?region=eu-north-1#/groups/details/Network_L1-Team?section=users

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
- Analizers
- Settings
- Credential report
- Organization activity

Service control policies (SCPs)

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Users added to this group.

IAM > User groups > Network_L1-Team

Network_L1-Team

[Delete](#)

[Edit](#)

Summary

User group name	Creation time	ARN
Network_L1-Team	May 03, 2023, 15:45 (UTC+05:30)	arn:aws:iam::950354995336:group/Network_L1-Team

Users Permissions Access Advisor

Users in this group (1)

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search

	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	Network-L1-User1	1	None	1 minute ago

ATTACHING AMAZON VPC READ ONLY ACCESS:

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
- Analizers
- Settings
- Credential report
- Organization activity

Service control policies (SCPs)

Add users to the group - **Optional** (0) [Info](#)

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS. A user can belong to up to 10 groups.

Search

1

No resources to display

Attach permissions policies - **Optional** (Selected 1/843) [Info](#)

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter policies by property or policy name and press enter. 1 match

amazonvpcreadonlyaccess X Clear filters

<input checked="" type="checkbox"/>	Policy name	Type	Description
<input checked="" type="checkbox"/>	AmazonVPCReadOnlyAccess	AWS managed	Provides read only access to Amazon VPC via the AWS Manage...

Cancel Create group

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Type here to search

32°C Partly sunny

ENG IN 3:44 PM 5/3/2023

ATTACHING AWS NETWORK MANAGER READ ONLY ACCESS:

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
- Analizers
- Settings
- Credential report
- Organization activity

Service control policies (SCPs)

Network_L1-Team

Summary

User group name: Network_L1-Team

Creation time: May 03, 2023, 15:45 (UTC+05:30)

ARN: arn:aws:iam::950354995336:group/Network_L1-Team

Users Permissions Access Advisor

Permissions policies (2) [Info](#)

You can attach up to 10 managed policies.

Filter policies by property or policy name and press enter. 1

<input type="checkbox"/>	Policy name	Type	Description
<input type="checkbox"/>	AmazonVPCReadOnlyAccess	AWS managed	Provides read only access to Amazon ...
<input type="checkbox"/>	AWSNetworkManagerReadOnlyAccess	AWS managed	Provides read only access to Amazon ...

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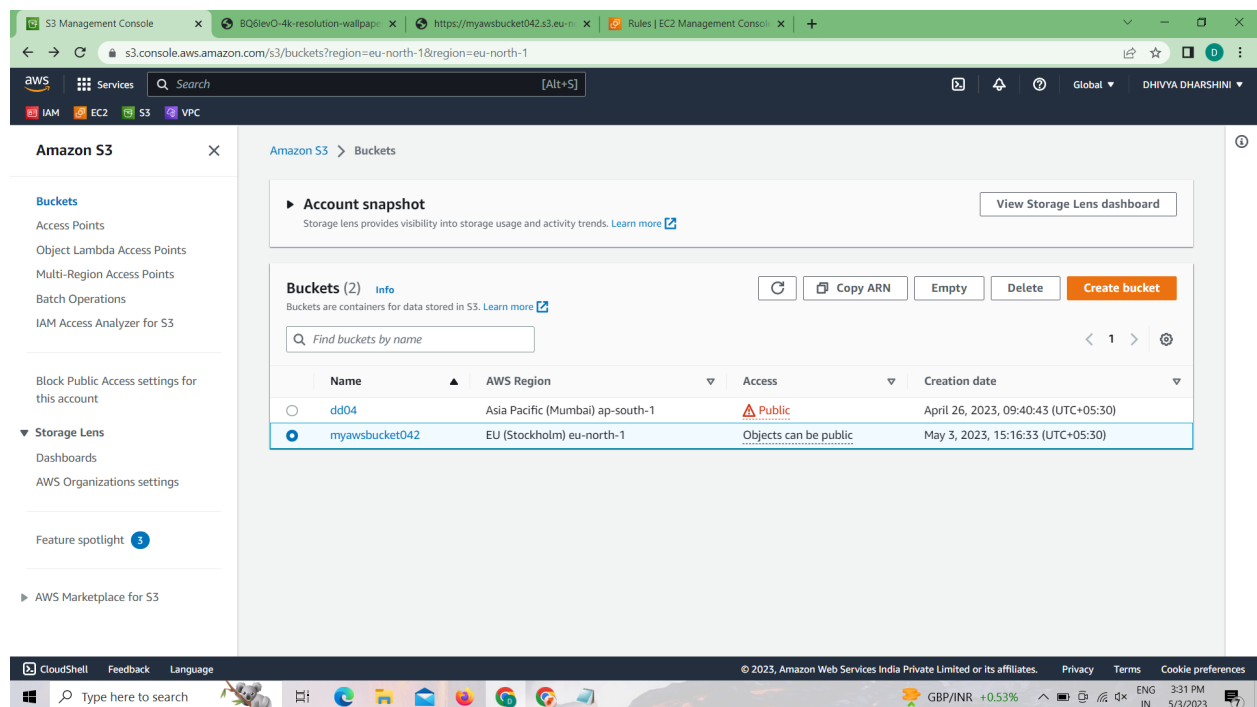
Type here to search

32°C Partly sunny

ENG IN 3:50 PM 5/3/2023

QUESTION NO : 3

CREATING BUCKET IN STOCKHOLM REGION



The screenshot shows the AWS S3 Management Console interface. 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, Storage Lens, Dashboards, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3. The main content area displays the 'Buckets' page, which includes an 'Account snapshot' section, a 'Buckets (2)' list, and a table of buckets. The table has columns for Name, AWS Region, Access, and Creation date. The bucket 'myawsbucket042' is selected, and its details are shown in the right pane, including its public access settings.

Name	AWS Region	Access	Creation date
dd04	Asia Pacific (Mumbai) ap-south-1	Public	April 26, 2023, 09:40:43 (UTC+05:30)
myawsbucket042	EU (Stockholm) eu-north-1	Objects can be public	May 3, 2023, 15:16:33 (UTC+05:30)

THROUGH ACL IT IS ACCESSIBLE TO EVERYONE

The screenshot shows the AWS IAM console interface. The breadcrumb navigation is "Amazon S3 > Buckets > myawsbucket042 > accounts.txt". The "permissions" tab is selected, displaying the "Access control list (ACL)" for the file. The ACL table lists three grantees: "Object owner (your AWS account)", "Everyone (public access)", and "Authenticated users group (anyone with an AWS account)". The "Object ACL" column shows "Read, Write" for the owner, "Read" (with a warning icon) for everyone, and "-" for authenticated users.

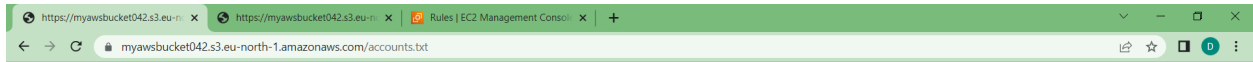
Grantee	Object	Object ACL
Object owner (your AWS account) Canonical ID: 81c307cc9650a4e3a7d3a8f72f2898e8d2a6b6427d7be35753dbc000bb6260db	Read	Read, Write
Everyone (public access) Group: http://acs.amazonaws.com/groups/global/AllUsers	Read	Read
Authenticated users group (anyone with an AWS account) Group: http://acs.amazonaws.com/groups/global/AuthenticatedUsers	-	-

UPLOAD THE TEXT FILE WITH THE GIVEN NAME accounts.txt

The screenshot shows the AWS S3 console interface. The breadcrumb navigation is "Amazon S3 > Buckets > myawsbucket042". The "Objects" tab is selected, displaying a list of objects. A single object, "accounts.txt", is listed with a type of "txt", a last modified date of "May 3, 2023, 15:30:06 (UTC+05:30)", a size of "34.0 B", and a storage class of "Standard".

Name	Type	Last modified	Size	Storage class
accounts.txt	txt	May 3, 2023, 15:30:06 (UTC+05:30)	34.0 B	Standard

Accounts.txt file accessible to public(everyone)



hello everyone

Welcome to AWS

