

AWS CLOUD COMPUTING

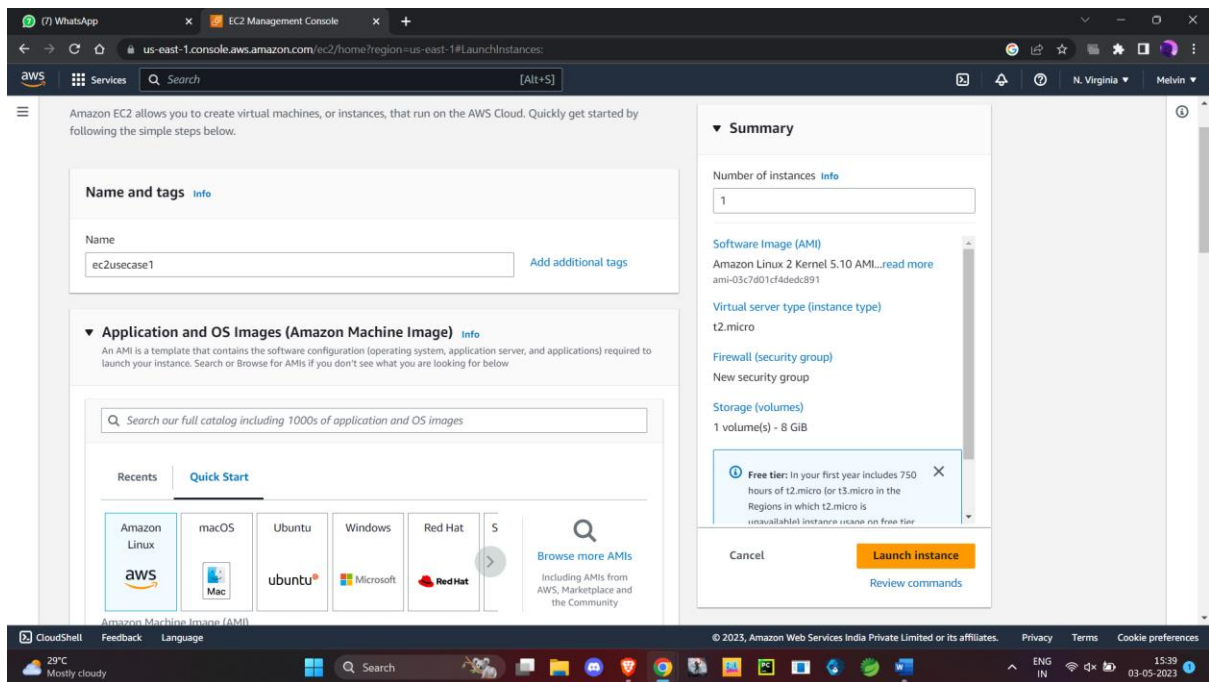
CC-1

Melvin M Shajan

727721euit089

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

(4 Marks)



WhatsApp

EC2 Management Console

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

Prime VideoNetflixRick And Morty wal...Watch Attack on Tit...MonkeytypeWatch Super Hit Ful...MusicHQClassesIELTS Plus By Leap...New Tab

awsServicesSearch[Alt+S]

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

AMI Catalog

Elastic Block Store

Instances (1) Info

Find instance by attribute or tag (case-sensitive)

Connect

Instance state

Actions

Launch instances

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Availability Zone	Security group name	Key name	Launch
<input type="checkbox"/>	ec2usecase1	i-06952dfb985129ec8	Running	t2.micro	us-east-1c	launch-wizard-1	ec2usecase1	2023/0

Select an instance

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31°C
Partly sunny

Search

ENG
IN

15:47
03-05-2023

EC2 instance AMI should be "Amazon Linux 2".

(4 Marks)

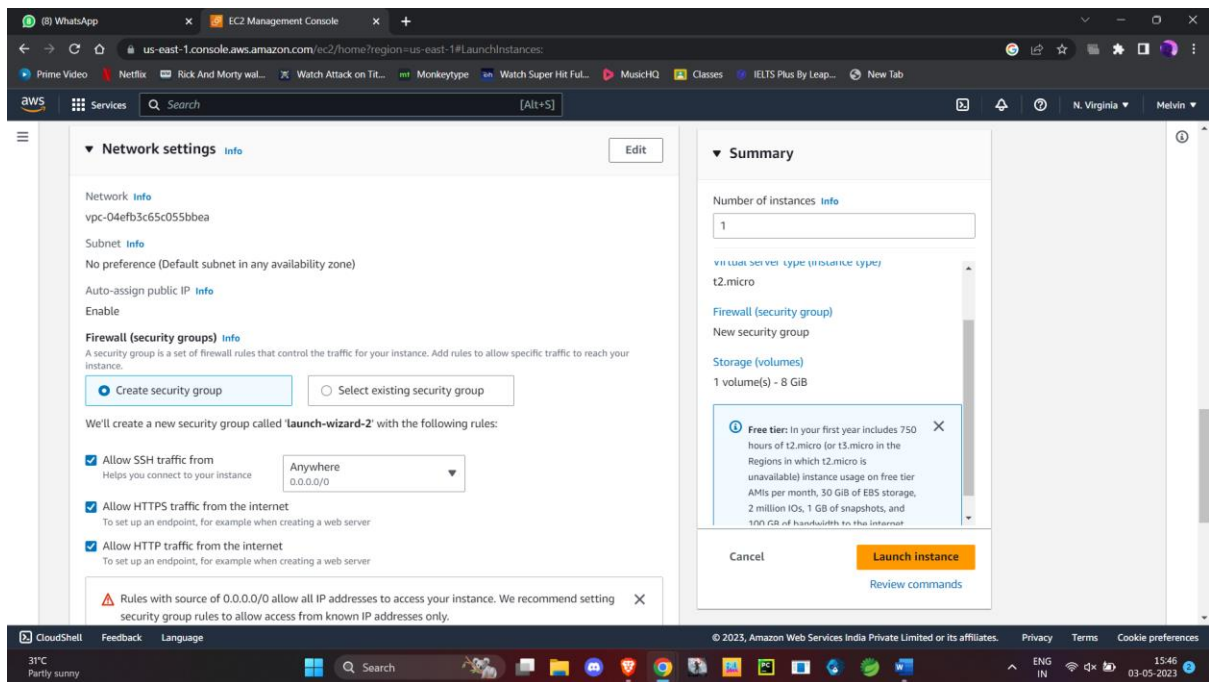
The screenshot displays the AWS Management Console interface for selecting an Amazon Machine Image (AMI). The main section, titled "Application and OS Images (Amazon Machine Image)", shows a search bar and a "Quick Start" tab. Under "Quick Start", the "Amazon Linux" category is selected, displaying the "Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type". The AMI ID is "ami-03c7d01cf4dedc891" and the architecture is "x86_64 HVM gp2". The "Free tier eligible" status is indicated. The "Summary" panel on the right shows the "Number of instances" set to 1, the "Instance type" as "t2.micro", and the "Storage (volumes)" as "1 volume(s) - 8 GiB". A "Free tier" notification is visible, stating that the first year includes 750 hours of t2.micro usage. The "Launch instance" button is highlighted in orange. The bottom of the screen shows the Windows taskbar with the date "03-05-2023" and time "15:45".

Allow SSH traffic for taking putty remote connection.

(4 Marks)

Allow HTTP traffic from the internet for reaching website requests.

(4 Marks)

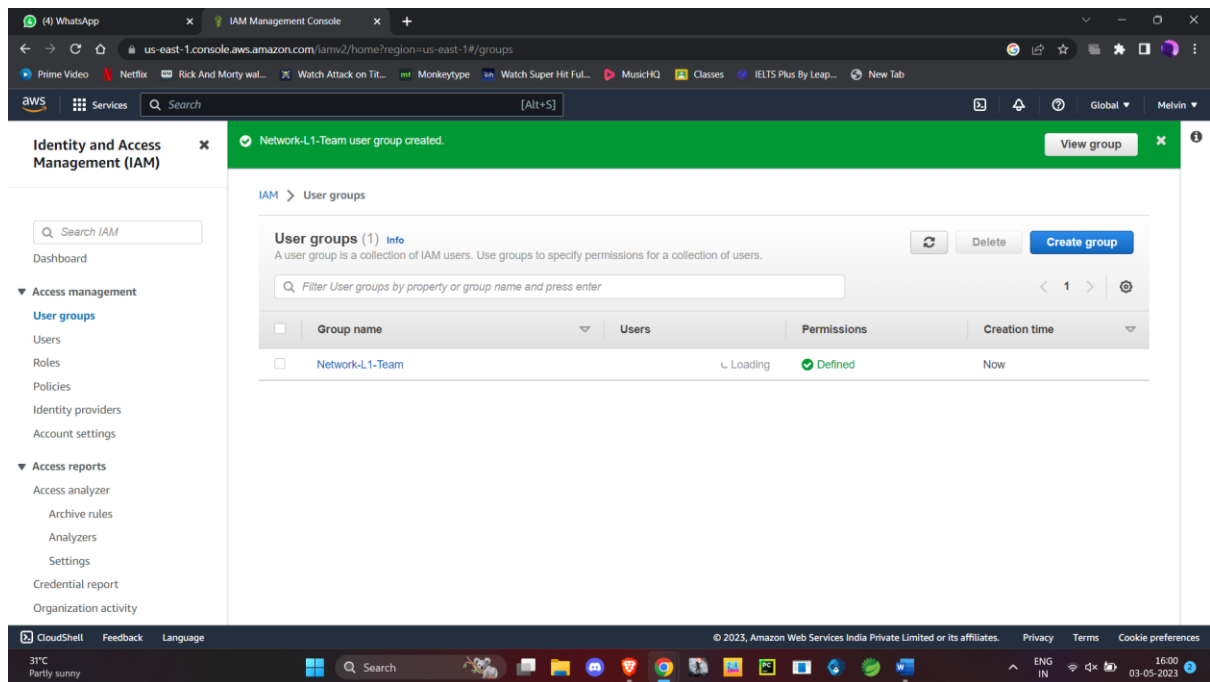


2)

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 displays the AWS IAM Management Console interface. The left sidebar shows the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management, Access reports, and Organization activity. The main content area shows the details for the 'Network-L1-Team' user group. The 'Summary' tab is active, displaying the user group name, creation time, and ARN. Below this, the 'Users' tab is selected, showing a list of users in the group. One user, 'Network-L1-User1', is listed with a count of 1, no last activity, and a creation time of 'Now'.

Network-L1-Team

Summary

User group name	Creation time	ARN
Network-L1-Team	May 03, 2023, 16:00 (UTC+05:30)	arn:aws:iam::409661171572: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.

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

The 'AmazonVPCReadOnlyAccess' policy should be attached.

(4 Marks)

The 'AWSNetworkManagerReadOnlyAccess' policy should be attached.

(5 Marks)

The screenshot displays the AWS IAM Management Console interface. The left sidebar shows the navigation menu with 'Access management' expanded and 'User groups' selected. The main content area shows the details for the 'Network-L1-Team' user group. The 'Permissions' tab is active, displaying a table of attached policies. Two policies are listed: 'AmazonVPCReadOnlyAccess' and 'AWSNetworkManagerReadOnlyAccess', both of which are AWS managed policies.

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...

Q1. Create a S3 bucket for the following requirements. Create a new S3 bucket in the region of "Stockholm".(4 Marks)

The screenshot shows the AWS S3 console 'Create bucket' page. The bucket name is 'cc1mithunbucket' and the region is 'EU (Stockholm) eu-north-1'. The 'Object Ownership' section shows 'ACLs enabled' selected.

General configuration

Bucket name: cc1mithunbucket

AWS Region: EU (Stockholm) eu-north-1

Copy settings from existing bucket - optional

Choose bucket

Object Ownership

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☐ ACLs disabled (recommended)

☒ ACLs enabled

Q2. Make the bucket accessible to everyone(publicly) via Bucket ACL.(4 Marks)

The screenshot shows the AWS S3 console 'Permissions' page for the bucket 'cc1mithunbucket'. The 'Access control list (ACL)' section shows 'Grant public-read access' selected.

Permissions

Grant public access and access to other AWS accounts.

Access control list (ACL)

Grant basic read/write permissions to other AWS accounts.

AWS recommends using S3 bucket policies or IAM policies for access control.

Access control list (ACL)

☒ Choose from predefined ACLs

☐ Specify individual ACL permissions

Predefined ACLs

☐ Private (recommended)

☒ Grant public-read access

Granting public-read access is not recommended

I understand the risk of granting public-read access to the specified objects.

Q3. Upload a text file in the name of 'accounts.txt'. (5Marks)

The screenshot displays the AWS S3 Management Console interface. At the top, a green banner indicates "Upload succeeded" with a link to "View details below." Below this, the "Upload: status" section is visible, featuring a "Close" button. A warning box states: "The information below will no longer be available after you navigate away from this page." The "Summary" section shows the destination as "s3://cc1mithunbucket" and the upload status as "Succeeded" with "1 file, 9.0 B (100.00%)" and "Failed" with "0 files, 0 B (0%)." The "Files and folders" tab is selected, showing a table with one file: "accounts.txt" in the "Folder" column, "text/plain" in the "Type" column, "9.0 B" in the "Size" column, and "Succeeded" in the "Status" column. The footer includes links for "CloudShell", "Feedback", and "Language", along with copyright information for Amazon Web Services India Private Limited.

Upload succeeded
View details below.

Upload: status

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

Summary

Destination s3://cc1mithunbucket	Succeeded 1 file, 9.0 B (100.00%)	Failed 0 files, 0 B (0%)
-------------------------------------	--------------------------------------	-----------------------------

Files and folders | Configuration

Files and folders (1 Total, 9.0 B)

Find by name

Name	Folder	Type	Size	Status	Error
accounts.txt	-	text/plain	9.0 B	Succeeded	-

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Q4. Make the object 'accounts.txt' file accessible to everyone(public

The screenshot shows the AWS S3 console interface. At the top, there's a green notification bar stating "Successfully edited public access" with a link to "View details below." Below this, the main heading is "Make public: status" with a "Close" button. A light blue box contains a warning: "The information below will no longer be available after you navigate away from this page." The "Summary" section shows the source as "s3://cc1mithunbucket" and a table with two columns: "Successfully edited public access" (1 object, 9.0 B) and "Failed to edit public access" (0 objects). Below the summary, there are tabs for "Failed to edit public access" (selected) and "Configuration". The "Failed to edit public access" tab shows a search bar, a table with columns (Name, Folder, Type, Last modified, Size, Error), and a message "No objects failed to edit". The footer includes "CloudShell", "Feedback", "Language", and copyright information for Amazon Web Services India Private Limited.

SKCET

S3 Management Console

cc1mithunbucket - S3 bucket

s3.console.aws.amazon.com/s3/buckets/cc1mithunbucket/object/edit_public_read_access?region=eu-north-1&showversions=false

Services Search [Alt+S]

Global Mithun S

Successfully edited public access
View details below.

Make public: status Close

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

Summary

Source s3://cc1mithunbucket	Successfully edited public access 1 object, 9.0 B	Failed to edit public access 0 objects
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Failed to edit public access Configuration

Failed to edit public access (0)

Find objects by name

Name	Folder	Type	Last modified	Size	Error
No objects failed to edit					

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