

# CLOUD COMPUTING CC1

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Q1.

The screenshot displays the AWS Management Console for the EC2 service. The left sidebar shows the navigation menu with options like EC2 Dashboard, EC2 Global View, Events, Limits, and various instance types. The main content area shows a list of instances, with 'ec2usecase1' selected. Below the list, the 'Instance: i-05ca34e44feb0cc5a (ec2usecase1)' details are shown, including its ID, state (Running), type (t2.micro), and various IP addresses.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP address
ec2usecase1	i-05ca34e44feb0cc5a	Running	t2.micro	-	No alarms	us-east-1b	54.89.255.0

**Instance: i-05ca34e44feb0cc5a (ec2usecase1)**

Instance ID	Public IPv4 address	Private IPv4 addresses
i-05ca34e44feb0cc5a (ec2usecase1)	54.89.255.0   <a href="#">open address</a>	172.31.95.78

**Instance summary**

Instance ID	Public IPv4 address	Private IPv4 addresses
i-05ca34e44feb0cc5a (ec2usecase1)	54.89.255.0   <a href="#">open address</a>	172.31.95.78

**Instance details**

Instance ID	Public IPv4 address	Private IPv4 addresses
i-05ca34e44feb0cc5a (ec2usecase1)	54.89.255.0   <a href="#">open address</a>	172.31.95.78

The screenshot displays the AWS Management Console for the Security Groups service. The left sidebar shows the navigation menu with options like EC2 Dashboard, EC2 Global View, Events, Limits, and various instance types. The main content area shows a list of security groups, with 'sg-0e4c8f5d61db28e76' selected. Below the list, the 'sg-0e4c8f5d61db28e76 - launch-wizard-1' details are shown, including its name, ID, description, and VPC ID. The inbound rules section shows two rules.

**sg-0e4c8f5d61db28e76 - launch-wizard-1**

Security group name	Security group ID	Description	VPC ID
launch-wizard-1	sg-0e4c8f5d61db28e76	launch-wizard created 2023-05-03T09:49:07.939Z	vpc-0e6d8330d2f66b31a

**Details**

Security group name	Security group ID	Description	VPC ID
launch-wizard-1	sg-0e4c8f5d61db28e76	launch-wizard created 2023-05-03T09:49:07.939Z	vpc-0e6d8330d2f66b31a

**Inbound rules (2)**

Security group name	Security group ID	Description	VPC ID
launch-wizard-1	sg-0e4c8f5d61db28e76	launch-wizard created 2023-05-03T09:49:07.939Z	vpc-0e6d8330d2f66b31a

Instances | EC2 Management

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

Services

Search

[Option+S]

N. Virginia

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New EC2 Experience

Currently creating AMI ami-08be0caf9d588b958 from instance i-05ca34e44feb0cc5a. Check that the AMI status is 'Available' before deleting the instance or carrying out other actions related to this AMI.

EC2 Dashboard

EC2 Global View

Events

Limits

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Instances (1)

Find instance by attribute or tag (case-sensitive)

ec2usecase1

i-05ca34e44feb0cc5a

Running

t2.micro

Initializing

No alarms

us-east-1b

ec2-

Select an instance

CloudShell

Feedback

Language

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Images | EC2 Management Console

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#images:visibility=owned-by-me

Services

Search

[Option+S]

N. Virginia

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New EC2 Experience

Amazon Machine Images (AMIs) (1/1)

Recycle Bin

EC2 Image Builder

Actions

Launch instance from AMI

EC2 Dashboard

EC2 Global View

Events

Limits

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Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Owned by me

Find AMI by attribute or tag

-

ami-08be0caf9d588b958

Amazon Linux 2

349360989237/Amazon Linux 2

349360989237

AMI ID: ami-08be0caf9d588b958

Details

Permissions

Storage

Tags

AMI ID

ami-08be0caf9d588b958

Image type

machine

Platform details

Linux/UNIX

Root device type

EBS

AMI name

Amazon Linux 2

Owner account ID

349360989237

Architecture

x86\_64

Usage operation

RunInstances

Root device name

/dev/xvda

Status

Pending

Source

349360989237/Amazon Linux 2

Virtualization type

hvm

Boot mode

uefi-preferred

State reason

-

Creation date

Wed May 03 2023 15:22:15 GMT+0530 (India Standard Time)

Kernel ID

-

CloudShell

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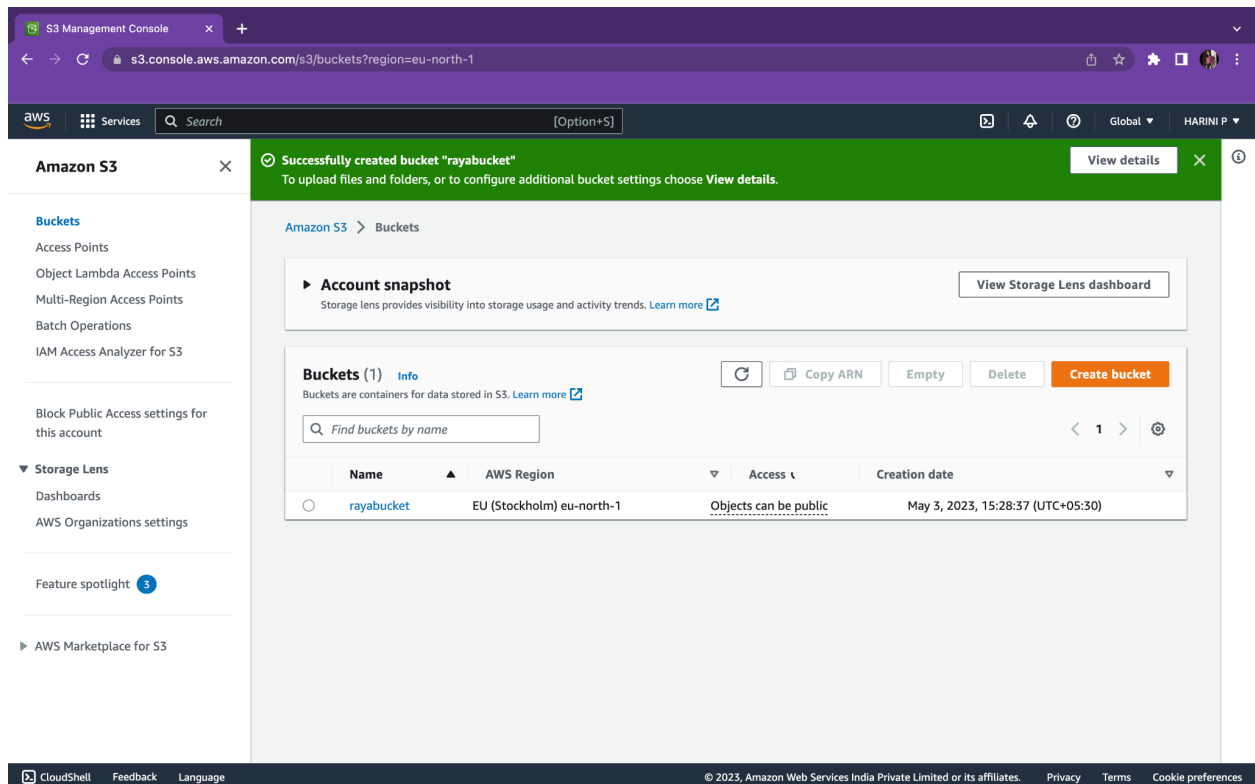
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Q3.



**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 3

► AWS Marketplace for S3

**Successfully created bucket "rayabucket"**

To upload files and folders, or to configure additional bucket settings choose [View details](#).

[View details](#)

Amazon S3 > Buckets

**Account snapshot**

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

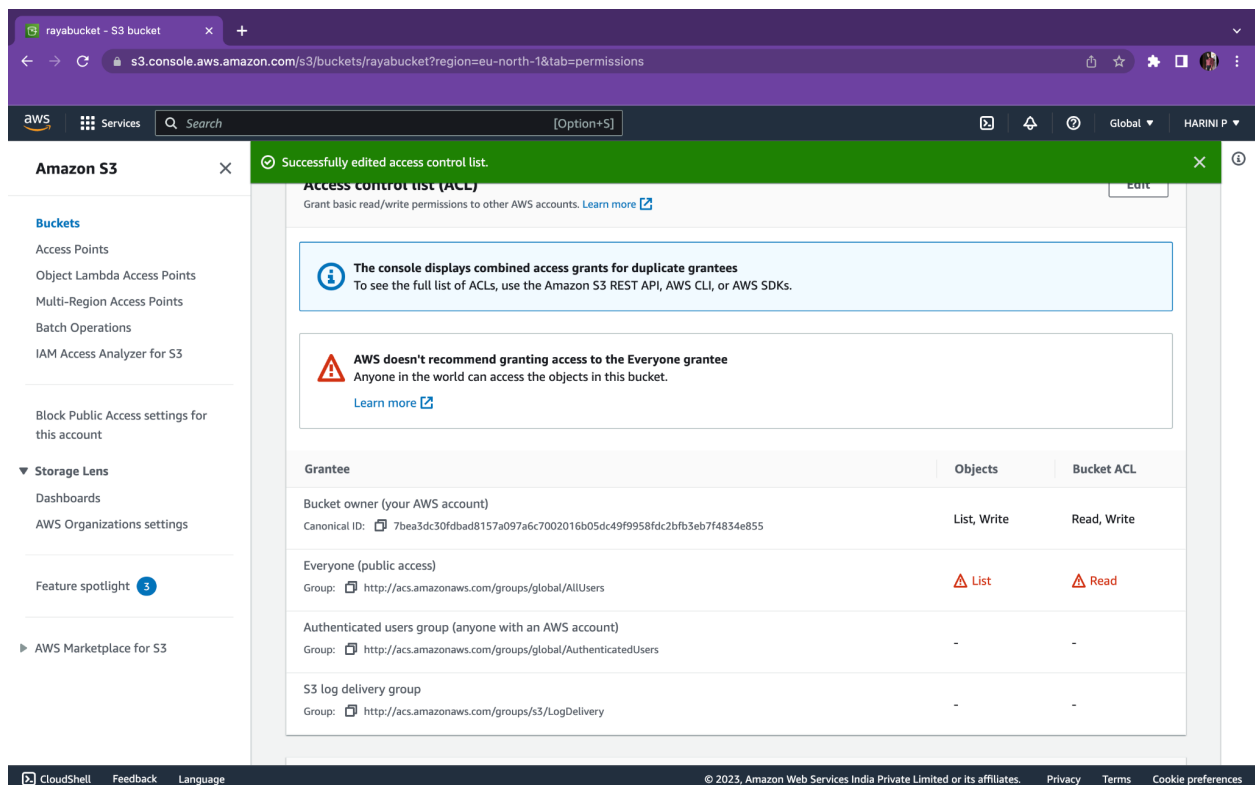
[View Storage Lens dashboard](#)

**Buckets (1)** [Info](#)

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

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

	Name	AWS Region	Access	Creation date
<input type="radio"/>	rayabucket	EU (Stockholm) eu-north-1	Objects can be public	May 3, 2023, 15:28:37 (UTC+05:30)



**rayabucket - S3 bucket**

[s3.console.aws.amazon.com/s3/buckets/rayabucket?region=eu-north-1&tab=permissions](#)

**Amazon S3**

**Buckets**

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Feature spotlight 3

► AWS Marketplace for S3

**Successfully edited access control list.**

**Access control list (ACL)**

Grant basic read/write permissions to other AWS accounts. [Learn more](#)

[Edit](#)

**The console displays combined access grants for duplicate grantees**

To see the full list of ACLs, use the Amazon S3 REST API, AWS CLI, or AWS SDKs.

**AWS doesn't recommend granting access to the Everyone grantee**

Anyone in the world can access the objects in this bucket.

[Learn more](#)

Grantee	Objects	Bucket ACL
Bucket owner (your AWS account) Canonical ID: <a href="#">7bea3dc30fdbad8157a097a6c7002016b05dc49f9958fdc2bfb3eb7f4834e855</a>	List, Write	Read, Write
Everyone (public access) Group: <a href="#">http://acs.amazonaws.com/groups/global/AllUsers</a>	<a href="#">List</a>	<a href="#">Read</a>
Authenticated users group (anyone with an AWS account) Group: <a href="#">http://acs.amazonaws.com/groups/global/AuthenticatedUsers</a>	-	-
S3 log delivery group Group: <a href="#">http://acs.amazonaws.com/groups/s3/LogDelivery</a>	-	-

S3 Management Console

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

aws

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Amazon S3 > Buckets

Account snapshot

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

View Storage Lens dashboard

Buckets (1)

Info

Refresh

Copy ARN

Empty

Delete

Create bucket

Find buckets by name

< 1 >

	Name	AWS Region	Access	Creation date
<input type="radio"/>	rayabucket	EU (Stockholm) eu-north-1	Public	May 3, 2023, 15:28:37 (UTC+05:30)

CloudShell

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rayabucket - S3 bucket

New Tab

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

aws

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Global

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Successfully renamed object

"accounts.pages" was renamed to "accounts.txt".

Amazon S3 > Buckets > rayabucket

rayabucket

Info

Publicly accessible

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (1)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Refresh

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Find objects by prefix

< 1 >

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	accounts.txt	txt	May 3, 2023, 15:56:35 (UTC+05:30)	94.9 KB	Standard

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accounts (9).pages

accounts (8).pages

Show all

rayabucket - S3 bucket

s3.console.aws.amazon.com/s3/buckets/rayabucket/object/edit\_public\_read\_access?region=eu-north-1&showversions=false

awsServicesSearch[Option+S]

GlobalHARINI P

☰

☑️ 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://rayabucket	Successfully edited public access 🟢 1 object, 94.9 KB	Failed to edit public access 0 objects
---------------------------	----------------------------------------------------------	-------------------------------------------

Failed to edit public access

Configuration

🔍 Failed to edit public access (0)

< 1 >

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

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Q2.

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

Analysers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Network-L1-Team user group created. View group

IAM > User groups

User groups (2) Info

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Filter User groups by property or group name and press enter

<input type="checkbox"/>	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	Network-L1-Team	0 Loading	Defined	Now
<input type="checkbox"/>	S3-Admins	0 Loading	0 Loading	7 days ago

Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

Permissions options

☒ Add user to group

Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

☐ Copy permissions

Copy all group memberships, attached managed policies, and inline policies from an existing user.

☐ Attach policies directly

Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

User groups (1/2)

Search groups

<input checked="" type="checkbox"/>	Group name	Users	Attached policies	Created
<input checked="" type="checkbox"/>	Network-L1-Team	0	AmazonVPCReadOnlyAccess...	2023-05-03 (1 minute ago)
<input type="checkbox"/>	S3-Admins	0	AmazonS3FullAccess	2023-04-26 (7 days ago)

Permissions boundary - optional

Set a permissions boundary to control the maximum permissions for this user. Use this advanced feature used to delegate permission management to others. [Learn more](#)

IAM Management Console

New Tab

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

aws

Services

Search

[Option+S]

Global

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Step 1

Specify user details

Step 2

Set permissions

Step 3

Review and create

## Review and create

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

### User details

User name	Console password type	Require password reset
Network-L1-User1	None	No

### Permissions summary

< 1 >

Name	Type	Used as
Network-L1-Team	Group	Permissions group

### Tags - optional

Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Cancel

Previous

Create user

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