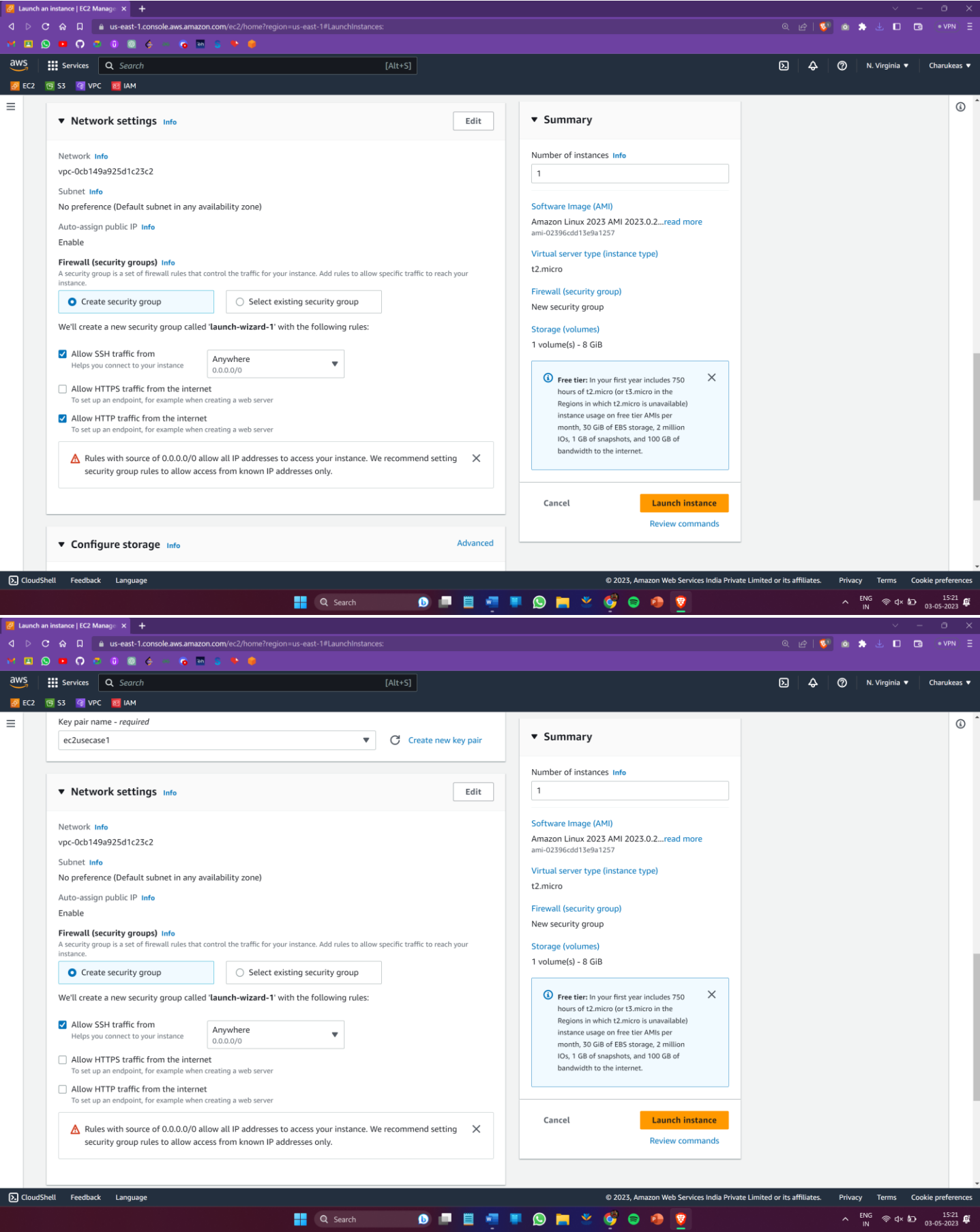


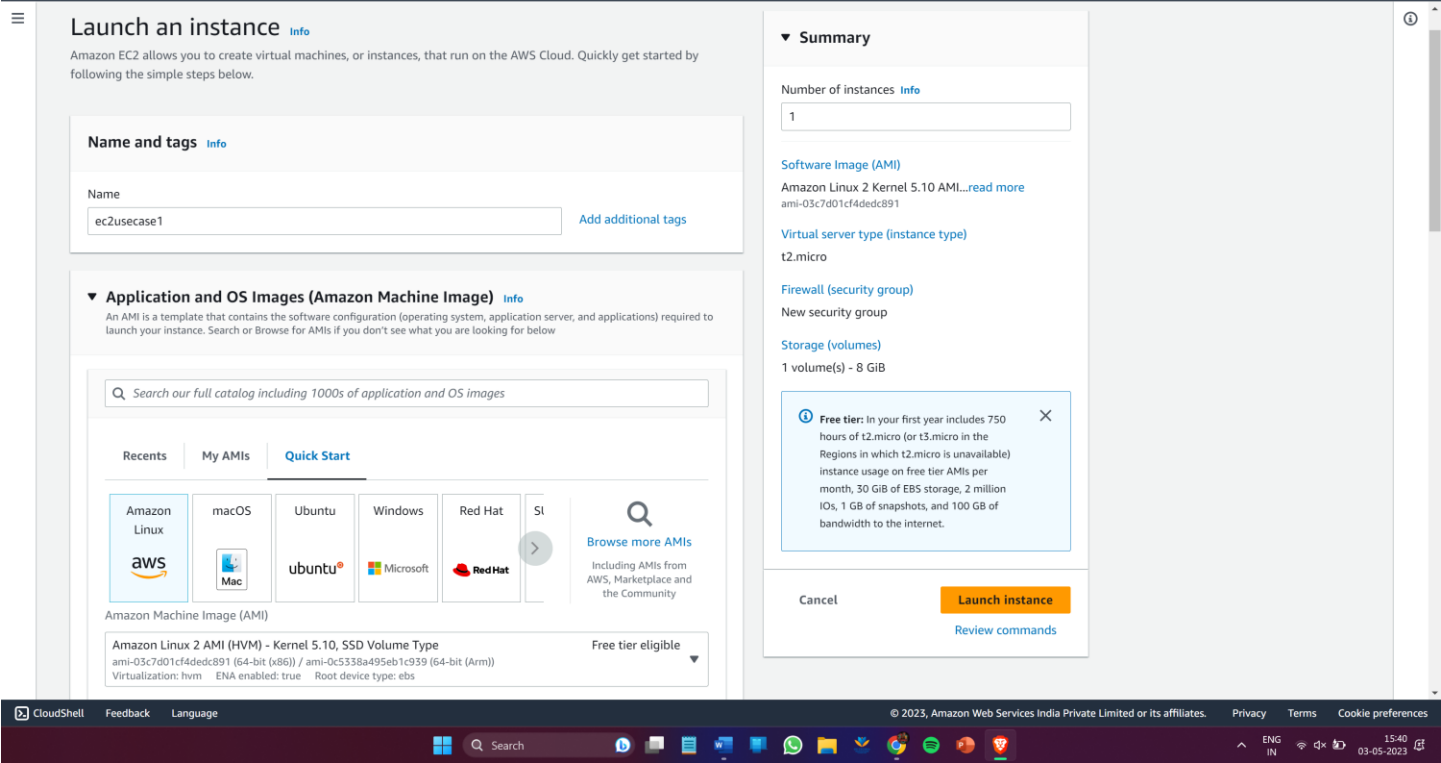
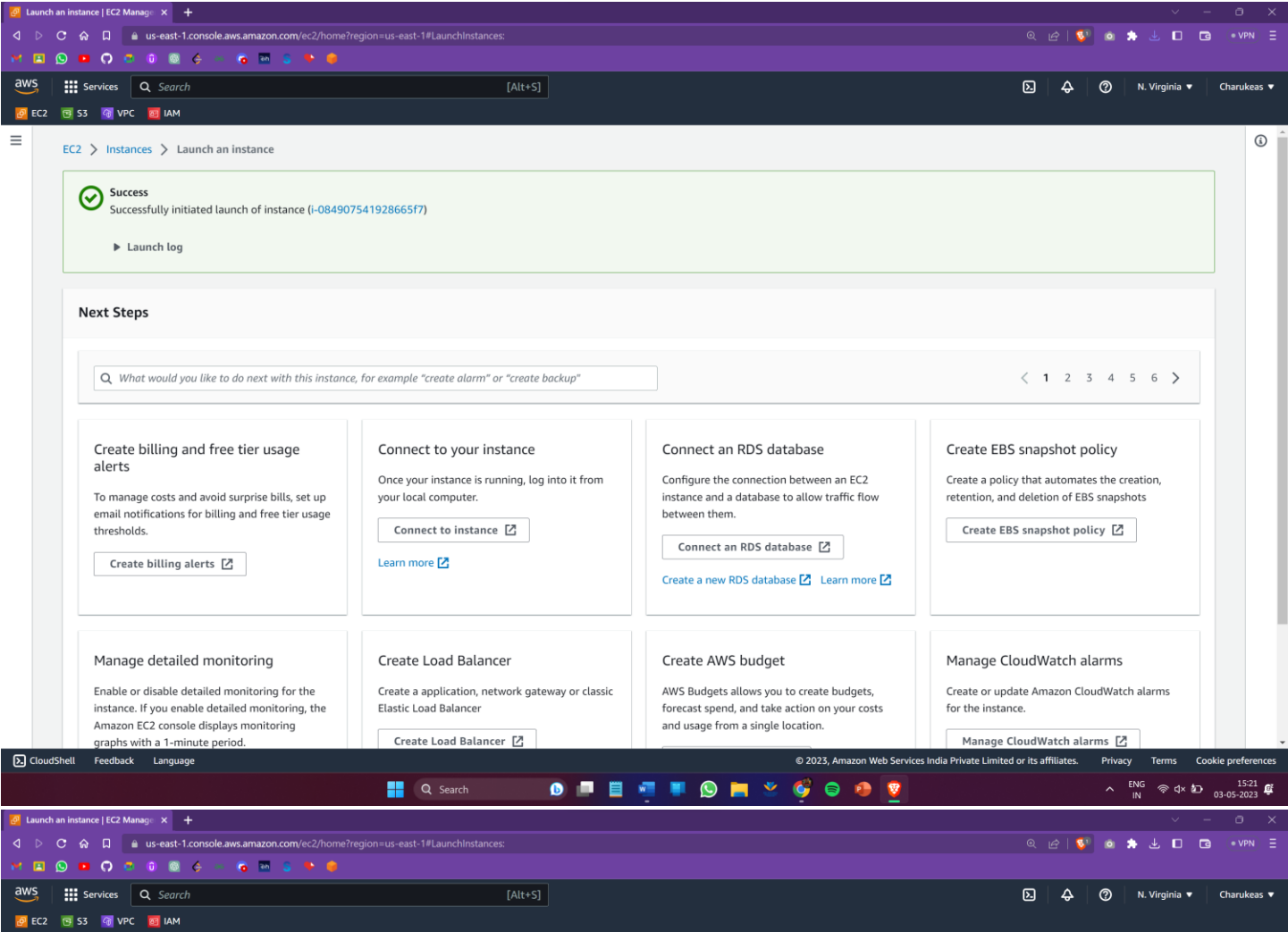
727721EUIT023 – CHARUKEAS T

Cloud Computing using AWS

Coding Contest – 1

Q1:





Qn2:

IAM Management Console

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

Services

Search

[Alt+S]

EC2

S3

VPC

IAM

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

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Related consoles

IAM Identity Center

New

AWS Organizations

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

< 1 >

	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	Network-L1-Team	0	Not defined	Now
<input type="checkbox"/>	S3-Admins	1	Defined	7 days ago

CloudShell

Feedback

Language

© 2023, Amazon Web Services India Private Limited or its affiliates.

Privacy

Terms

Cookie preferences

ENG

IN

15:42

03-05-2023

IAM Management Console

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

Services

Search

[Alt+S]

EC2

S3

VPC

IAM

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

Analyzers

Settings

Credential report

Organization activity

Service control policies (SCPs)

Related consoles

IAM Identity Center

New

AWS Organizations

User created successfully

View user

IAM

>

Users

Users (2)

Info

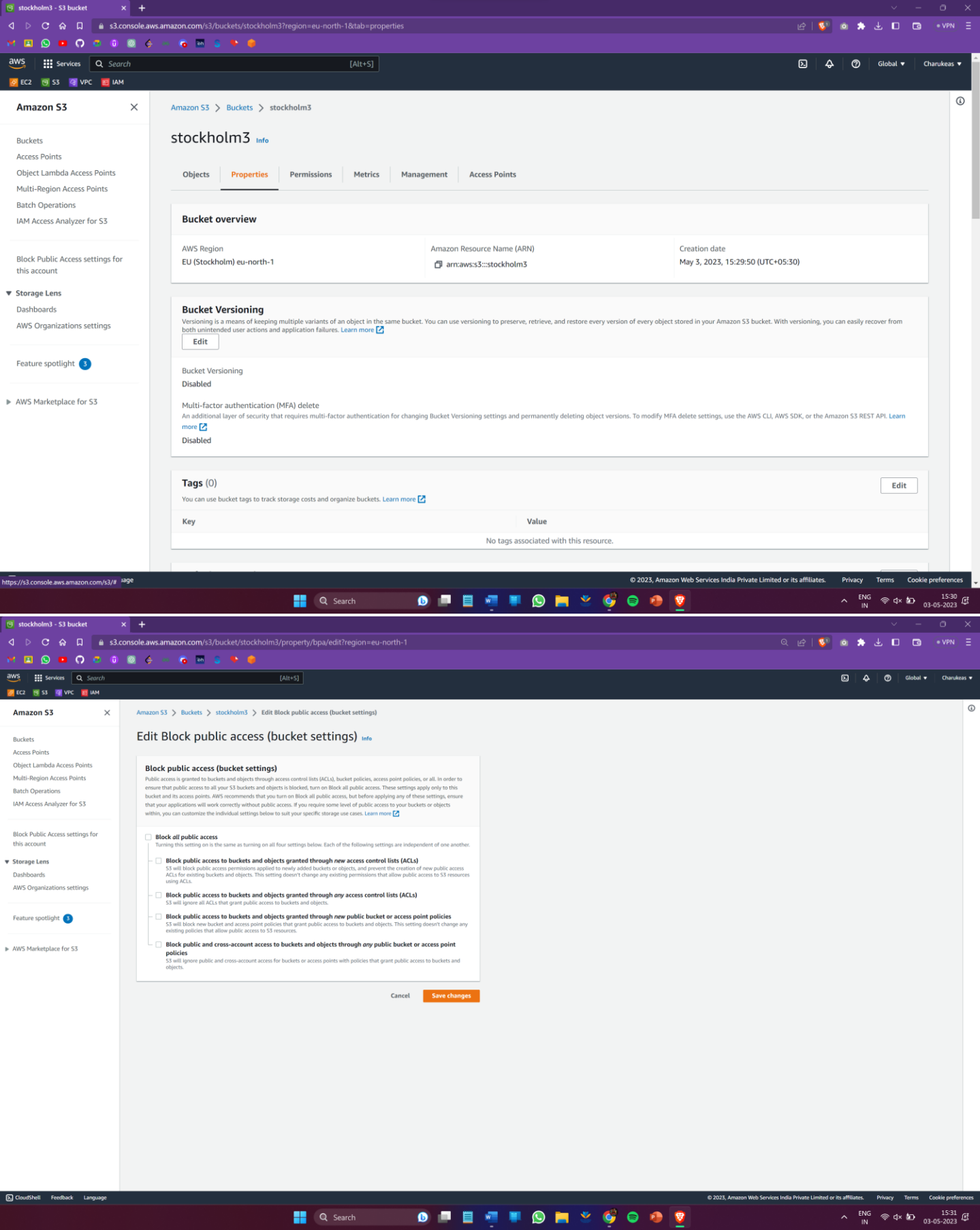
An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

< 1 >

	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	Network-L1-User1	Network-L1-Team		None		
<input type="checkbox"/>	S3Admin1	S3-Admins	7 days ago	None		-

Qn3:



stockholm3 - S3 bucket

s3.console.aws.amazon.com/s3/bucket/stockholm3/property/oo/edit?region=eu-north-1

ServicesSearch[Alt+S]

EC2S3VPCIAM

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 spotlight3

AWS Marketplace for S3

Edit Object OwnershipInfo

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)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

Enabling ACLs turns off the bucket owner enforced setting for Object Ownership

Once the bucket owner enforced setting is turned off, access control lists (ACLs) and their associated permissions are restored. Access to objects that you do not own will be based on ACLs and not the bucket policy.

☒ I acknowledge that ACLs will be restored.

Object Ownership

Bucket owner preferred

If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.

Object writer

The object writer remains the object owner.

If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. [Learn more](#)

Cancel

Save changes

CloudShellFeedbackLanguage

© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

ENG IN15:3003-05-2023

stockholm3 - S3 bucket

s3.console.aws.amazon.com/s3/bucket/stockholm3/property/acl/edit?region=eu-north-1

ServicesSearch[Alt+S]

EC2S3VPCIAM

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 spotlight3

AWS Marketplace for S3

Edit access control list (ACL)info

Access control list (ACL)

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

Grantee	Objects	Bucket ACL
Bucket owner (your AWS account)	<input checked="" type="checkbox"/> List <input checked="" type="checkbox"/> Write	<input checked="" type="checkbox"/> Read <input checked="" type="checkbox"/> Write
Canonical ID: b1110f620fbc17b6d932a81f1957352c072d93e0f10f13056a8a08973d5c48d		
Everyone (public access)	<input checked="" type="checkbox"/> <div>List</div> <div>Write</div>	<input checked="" type="checkbox"/> <div>Read</div> <div>Write</div>
Group: http://acs.amazonaws.com/groups/global/AllUsers		
Authenticated users group (anyone with an AWS account)	<input type="checkbox"/> List <input type="checkbox"/> Write	<input type="checkbox"/> Read <input type="checkbox"/> Write
Group: http://acs.amazonaws.com/groups/global/AuthenticatedUsers		
S3 log delivery group	<input type="checkbox"/> List <input type="checkbox"/> Write	<input type="checkbox"/> Read <input type="checkbox"/> Write
Group: http://acs.amazonaws.com/groups/s3/LogDelivery		

We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

When you grant access to the Everyone or Authenticated users group grantees, anyone in the world can access the objects in this bucket.

[Learn more](#)

☒ I understand the effects of these changes on my objects and buckets.

Access for other AWS accounts

No other AWS accounts associated with the resource.

Add grantee

Cancel

Save changes

CloudShellFeedbackLanguage

© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

ENG IN15:3003-05-2023

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

AWS Marketplace for S3

Successfully edited access control list.

Amazon S3

Buckets

stockholm3

stockholm3

Info

Publicly accessible

Objects

Properties

Permissions

Metrics

Management

Access Points

Permissions overview

Access

Public

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

Edit

Delete

No policy to display.

Copy

Object Ownership

Info

Edit

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.

Object Ownership

Bucket owner preferred

ACLs are enabled and can be used to grant access to this bucket and its objects. If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.

Access control list (ACL)

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
<div>Bucket owner (your AWS account)</div> <div>Canonical ID: b1110f600fbc17bdd032a81f1957352c072df5fe0f10f13056a80a8973d5c48d</div>	List, Write	Read, Write
<div>Everyone (public access)</div> <div>Group: http://acs.amazonaws.com/groups/global/AllUsers</div>	List	Read
<div>Authenticated users group (anyone with an AWS account)</div> <div>Group: http://acs.amazonaws.com/groups/global/AuthenticatedUsers</div>	-	-
<div>S3 log delivery group</div> <div>Group: http://acs.amazonaws.com/groups/S3/LogDelivery</div>	-	-

Cross-origin resource sharing (CORS)

Edit

No configurations to display

Copy

CloudShell Feedback Language

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

S3 Management Console

s3.console.aws.amazon.com/s3/upload/stockholm3?region=eu-north-1

Services Search [Alt+S]

EC2 S3 VPC IAM

Amazon S3 > Buckets > stockholm3 > Upload

Upload

Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose [Add files](#), or [Add folders](#).

Files and folders (1 Total, 80.0 B)

Remove Add files Add folder

All files and folders in this table will be uploaded.

Find by name < 1 >

	Name	Folder	Type	Size
<input type="checkbox"/>	accounts.txt	-	text/plain	80.0 B

Destination

Destination

s3://stockholm3

Destination details

Bucket settings that impact new objects stored in the specified destination.

Permissions

Grant public access and access to other AWS accounts.

Properties

Specify storage class, encryption settings, tags, and more.

Cancel Upload

CloudShell Feedback Language

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Search

15:35 03-05-2023

S3 Management Console

s3.console.aws.amazon.com/s3/upload/stockholm3?region=eu-north-1

Services Search [Alt+S]

EC2 S3 VPC IAM

Upload succeeded

View details below.

Upload: status

Close

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

Summary

Destination

s3://stockholm3

Succeeded

1 file, 80.0 B (100.00%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 80.0 B)

Find by name < 1 >

Name	Folder	Type	Size	Status	Error
accounts.txt	-	text/plain	80.0 B	Succeeded	-

CloudShell Feedback Language

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Search

15:36 03-05-2023

stockholm3 - S3 bucket

s3.console.aws.amazon.com/s3/buckets/stockholm3?region=eu-north-1&tab=objects

ServicesSearch[Alt+S]

EC2S3VPCIAM

Amazon S3 > Buckets > stockholm3

stockholm3Info

Publicly accessible

ObjectsPropertiesPermissionsMetricsManagementAccess 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](#)

RefreshCopy S3 URICopy URLDownloadOpenDeleteActionsCreate folderUpload

Find objects by prefix

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	accounts.txt	txt	May 3, 2023, 15:36:29 (UTC+05:30)	80.0 B	Standard

CloudShellFeedbackLanguage

© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

Search

ENG IN15:3703-05-2023