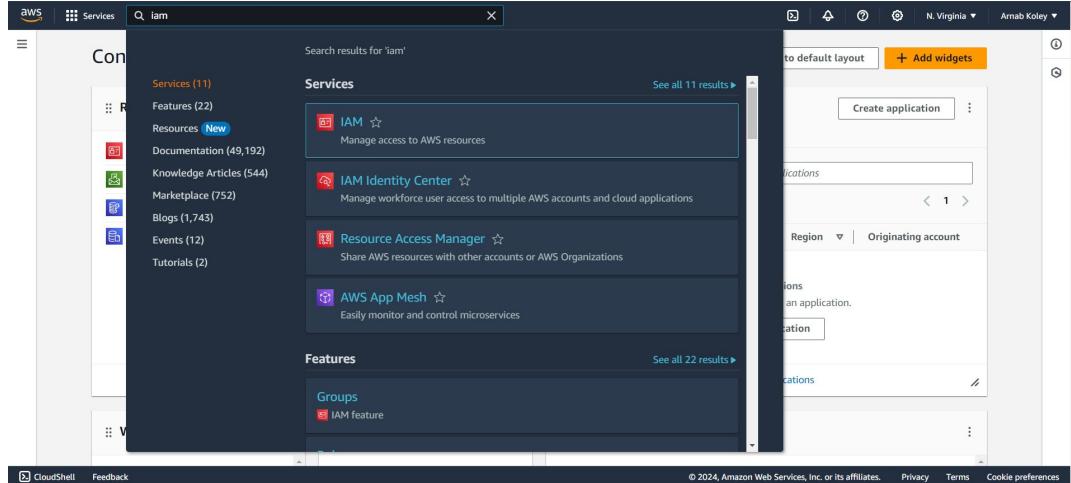


Assignment No : 03

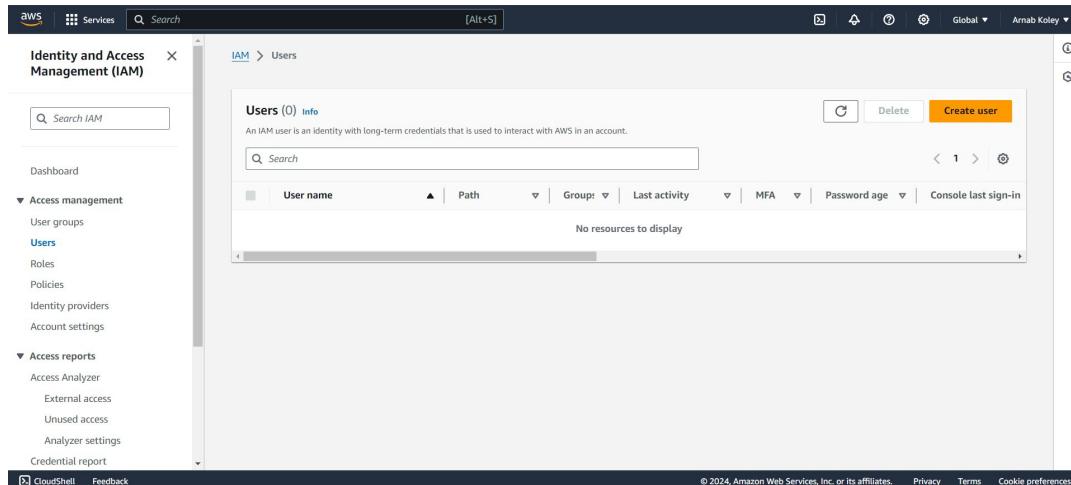
Problem Statement : Create IAM user and give full access to S3

Answer :

- 1) Go to 'https://console.aws.amazon.com' & sign in to AWS account.
- 2) Search for 'IAM' & go to 'IAM'.



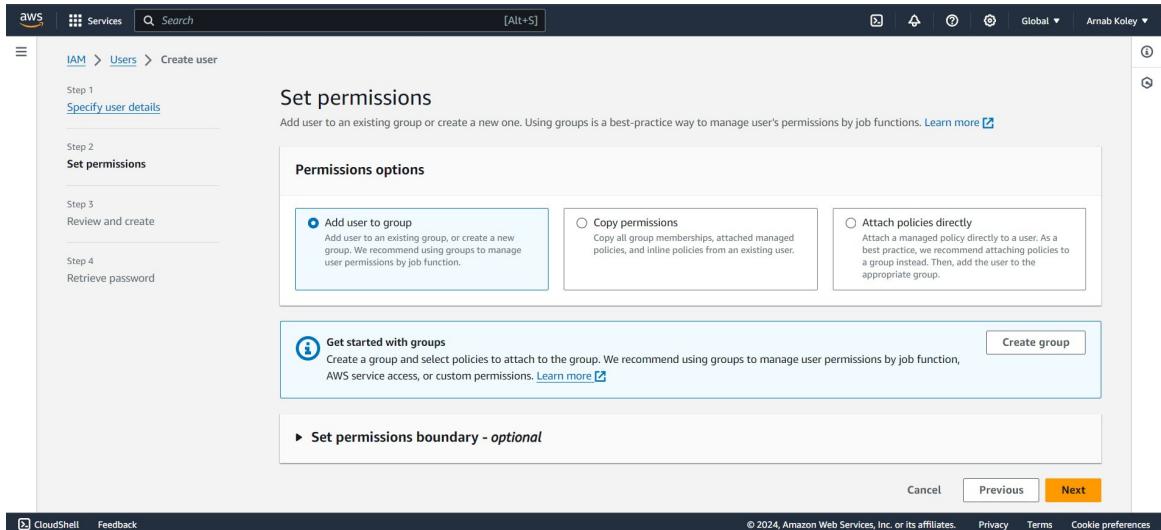
- 3) Go to 'Users' under 'Access management' & click 'Create user'.



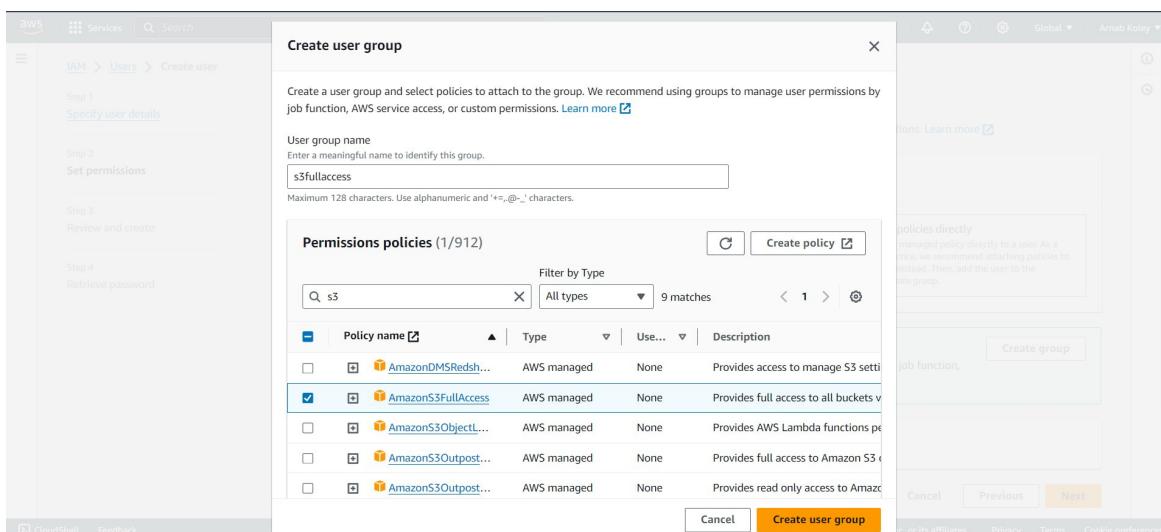
- 4)
 - Give user name. (Ex-user1)
 - Select 'I want to create an IAM user'.
 - Select 'Custom password'.
 - Give a password according to the constraints. (Ex-User@1234)
 - Uncheck 'Users must create a new password at next sign-in'.
 - Click 'Next'.

Two screenshots of the IAM User creation process. The left screenshot shows the 'Specify user details' page where a user name ('user1') is entered. A note at the bottom says 'If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.' The right screenshot shows the 'Console password' configuration page. It includes a note about using Identity Center for console access. Under 'Custom password', the user has entered 'User@1234'. There are checkboxes for 'Autogenerated password' and 'Show password'. A note at the bottom states: 'If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user.' Both screenshots show the 'Next Step' button at the bottom right.

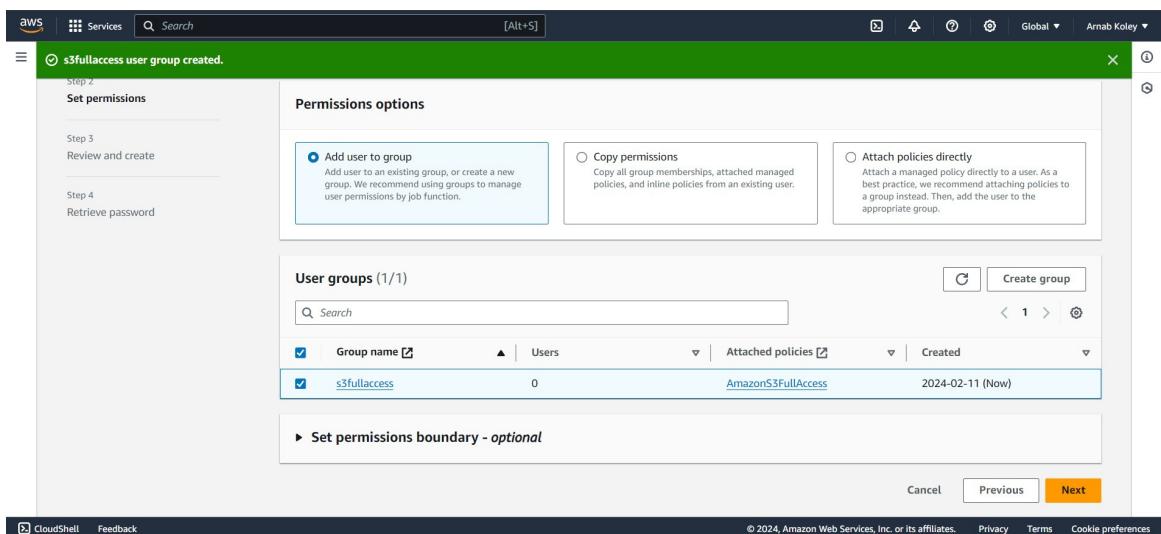
- 5) • Select ‘Add user to group’.
• Click ‘Create group’.



- 6) • Give ‘User group name’.(Ex-s3fullaccess)
• Search for S3 permission.
• Check the row with policy name ‘AmazonS3FullAccess’.
• Click ‘Create user group’.



- 7) • Check the user group ‘s3fullaccess’.
• Click ‘Next’.



8) Review all details & click 'Create user'.

User details

User name	user1	Console password type	Custom password
		Require password reset	No

Permissions summary

Name	Type	Used as
s3fullaccess	Group	Permissions group

Tags - optional

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Cancel Previous Create user

- 9) • IAM user is created. Download the csv file for future use.
• Click 'Return to users list'.

Retrieve password

Console sign-in details

Email sign-in instructions

Console sign-in URL
https://632288837993.signin.aws.amazon.com/console

User name
user1

Console password
***** Show

Download .csv file Return to users list

Users (1) Info

user1

Delete Create user

- 10) • Signout from the root user.
• Go to login page of AWS console.
• Select 'IAM user'.
• Give 12 digit account ID from the url in downloaded csv file.(Ex-632288837993)
• Click 'Next'.
• Give 'IAM user name' (Ex-user1) & 'Password' (Ex-User1@1234) from the downloaded csv file & click 'Sign in'.
• Now IAM user login successfully completed.

Sign in

Sign in as IAM user

Account ID (12 digits) or account alias
632288837993

IAM user name
user1

Password

Remember this account

Sign in

By continuing, you agree to the AWS Customer Agreement or other agreement for AWS services, and the Privacy Notice. This site uses essential cookies. See our Cookie Notice for more information.

New to AWS?

Create a new AWS account

Console Home

Recently visited

No recently visited services

Explore one of these commonly visited AWS services.

EC2 53 RDS Lambda

View all services

Applications (0)

us-east-1 (Current Region)

Find applications

Name Description Region Originating account

Access denied

Welcome to AWS

AWS Health

Cost and usage

Go to myApplications

CloudShell Feedback

11) Now search for 'S3' & go to 'S3'.

Search results for 's3'

Services (8)

- Features (32)
- Resources New
- Documentation (24,261)
- Knowledge Articles (292)
- Marketplace (1,577)
- Blogs (1,551)
- Events (25)
- Tutorials (13)

Services

- S3 Scalable Storage in the Cloud
- S3 Glacier Archive Storage in the Cloud
- AWS Snow Family Large Scale Data Transport
- Storage Gateway Hybrid Storage Integration

See all 8 results ▶

Features

- Imports from S3
- DynamoDB feature

See all 32 results ▶

Create application

Region | Originating account

12) We can use the features of 'S3' as 'user1' has full access to 'S3'.

Amazon S3

Buckets

Access Grants

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

Storage Lens groups

AWS Organizations settings

Feature spotlight 7

How it works

Introduction to Amazon S3

Copy link

Create bucket

Pricing

With S3, there are no minimum fees. You only pay for what you use. Prices are based on the location of your S3 bucket.

Estimate your monthly bill using the AWS Simple Monthly Calculator

View pricing details

13) Now search for 'EC2' & go to 'EC2'.

Search results for 'ec2'

Services (13)

- Features (57)
- Resources New
- Documentation (34,444)
- Knowledge Articles (608)
- Marketplace (3,317)
- Blogs (2,123)
- Events (30)
- Tutorials (21)

Services

- EC2 Virtual Servers in the Cloud
- EC2 Image Builder A managed service to automate build, customize and deploy OS images
- Recycle Bin Protect resources from accidental deletion
- Amazon Inspector Continual vulnerability management at scale

See all 13 results ▶

Features

- Dashboard
- EC2 feature

Create a bucket

Every object in S3 is stored in a bucket. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.

Create bucket

Pricing

With S3, there are no minimum fees. You only pay for what you use. Prices are based on the location of your S3 bucket.

Estimate your monthly bill using the AWS Simple Monthly Calculator

View pricing details

14) We cannot use the features of 'EC2' as 'user1' has no access to 'EC2'.

EC2 Dashboard

EC2 Global view

Events

Console-to-Code

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations New

Images

AMIs

AMI Catalog

Elastic Block Store

CloudShell Feedback

Resources

You are using the following Amazon EC2 resources in the US East (N. Virginia) Region:

Instances (running)	0	Auto Scaling Groups	0 API Error	Dedicated Hosts	0 API Error
Elastic IPs	0 API Error	Instances	0 API Error	Key pairs	0 API Error
Load balancers	0 API Error	Placement groups	0 API Error	Security groups	0 API Error
Snapshots	0 API Error	Volumes	0 API Error		

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance Migrate a server

Note: Your instances will launch in the US East (N. Virginia) Region

Service health

AWS Health Dashboard

Region: US East (N. Virginia)

Zones

Zone name Zone ID

EC2 Free Tier Info

Offers for all AWS Regions.

0 EC2 free tier offers in use

End of month forecast

User: arnawsiam:632288837993:user/user1 is not authorized to perform: freetier:GetFreeTierUsage on resource: arnaws:freetier:us-east-1:632288837993:GetFreeTierUsage because no identity-based policy allows the freetier:GetFreeTierUsage action

Exceeds free tier

User: arnawsiam:632288837993:user/user1 is not authorized to perform: freetier:GetFreeTierUsage on resource: arnaws:freetier:us-east-1:632288837993:GetFreeTierUsage because no identity-based policy allows the freetier:GetFreeTierUsage action

View Global EC2 resources

View all AWS Free Tier offers