

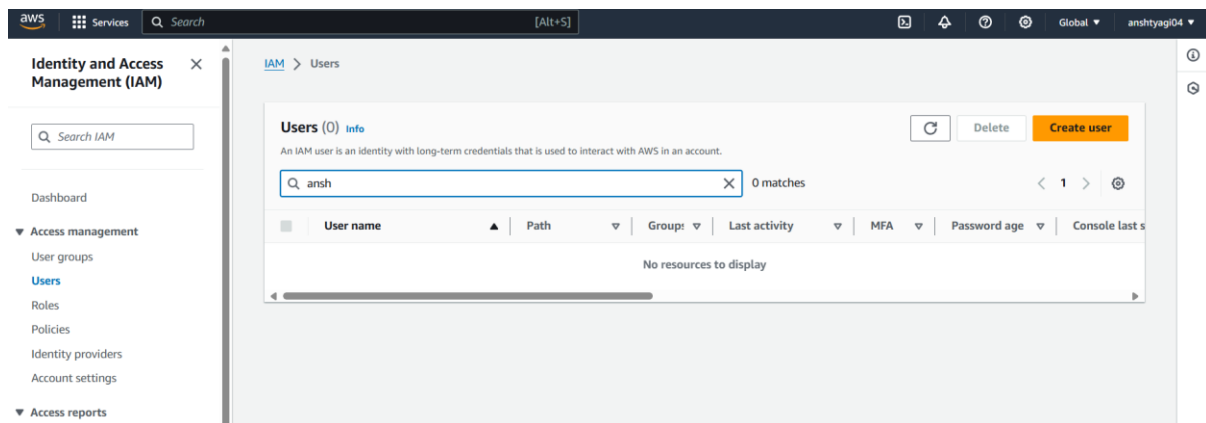
NAME – Ansh Tyagi

A070

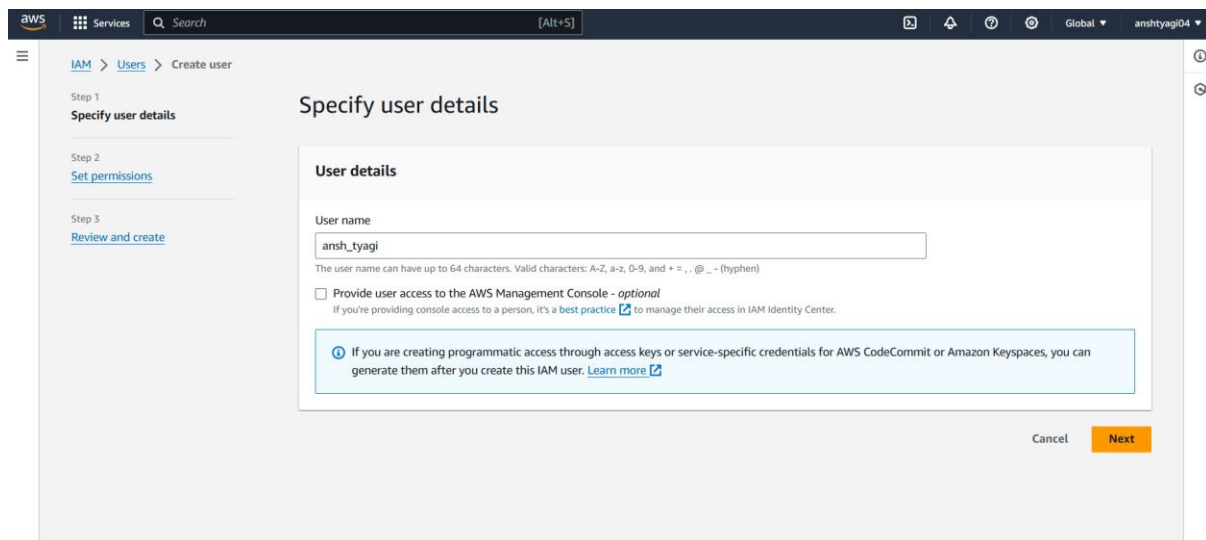
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## IAM – Identity and Access Mangement

Step 1: Search for IAM. Click on it



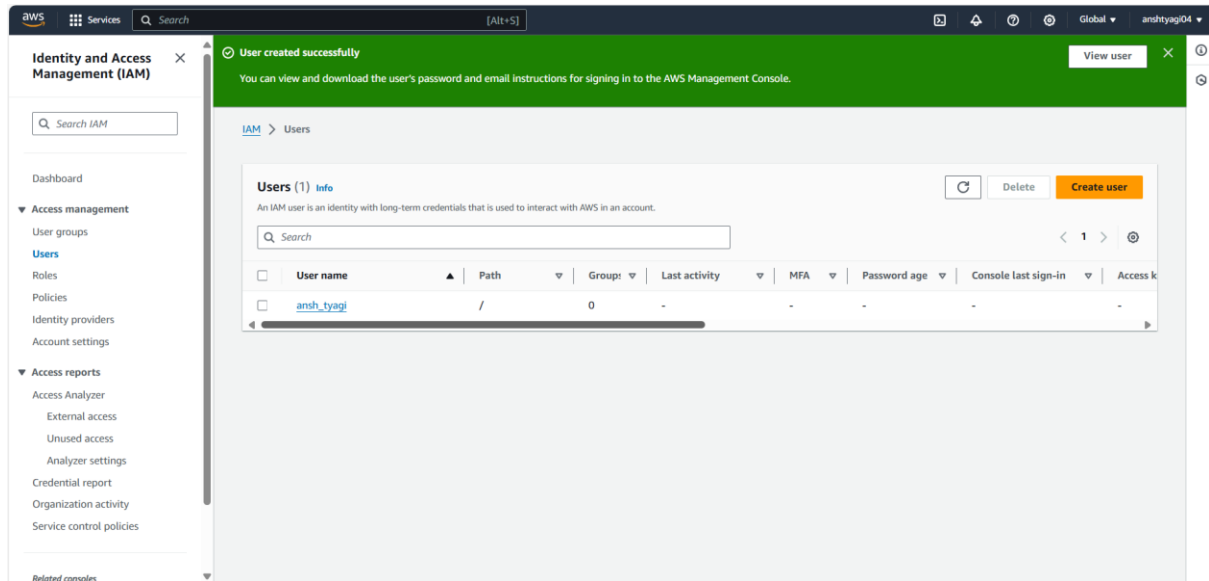
Step 2: Click on Users and Specify user details. Then Click on Create user.



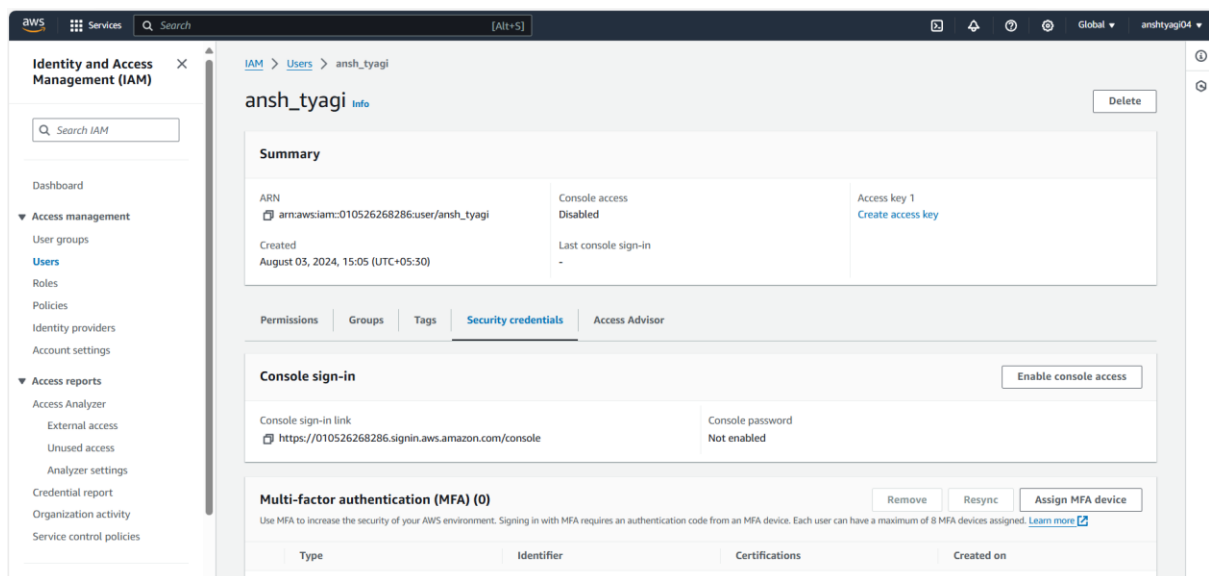
Step 3: Select Add user to group in Permission options.



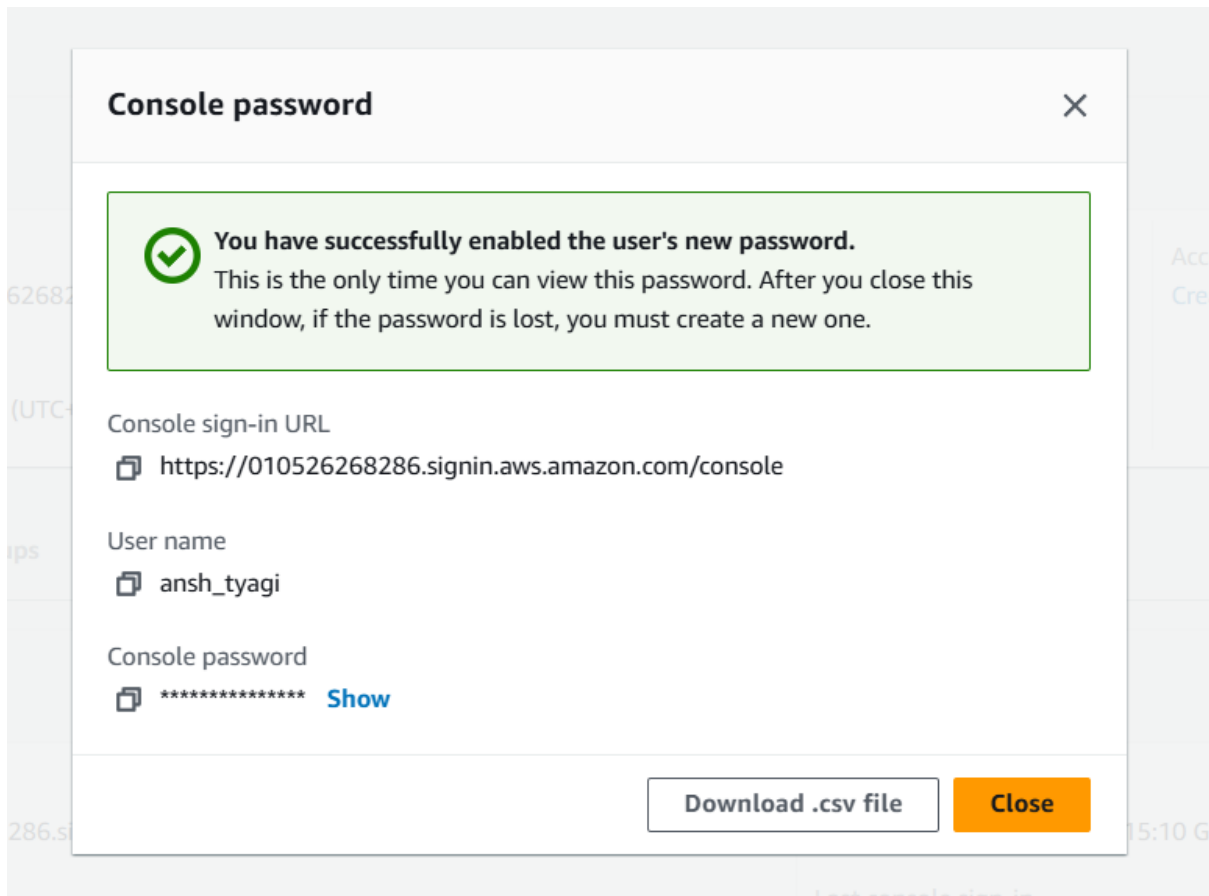
Step 5: User is created successfully.



Step 6: Click on a user “ansh\_tyagi” and go to Security Credentials & Select enable control access.

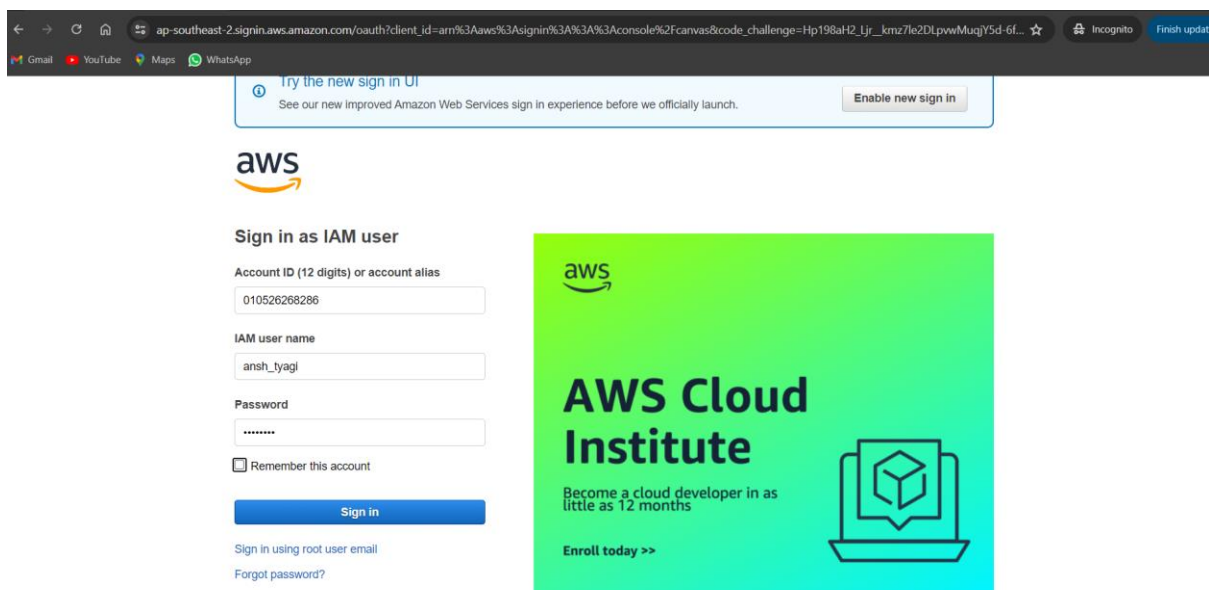


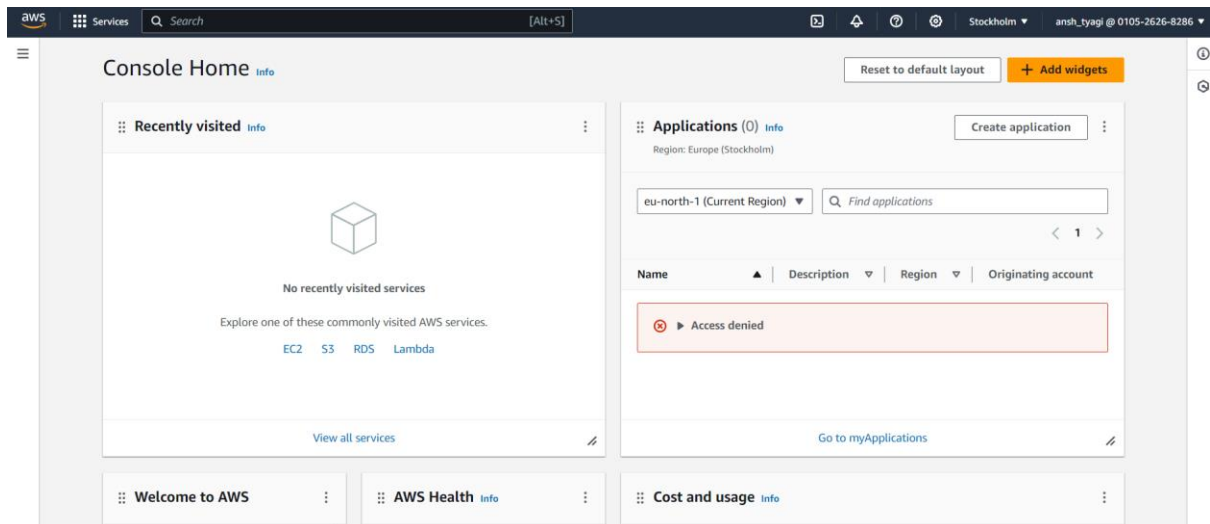
Step 7: Go for autogenerated password and it shows Console credentials. Then Download the .csv file which contains the credentials of the console.



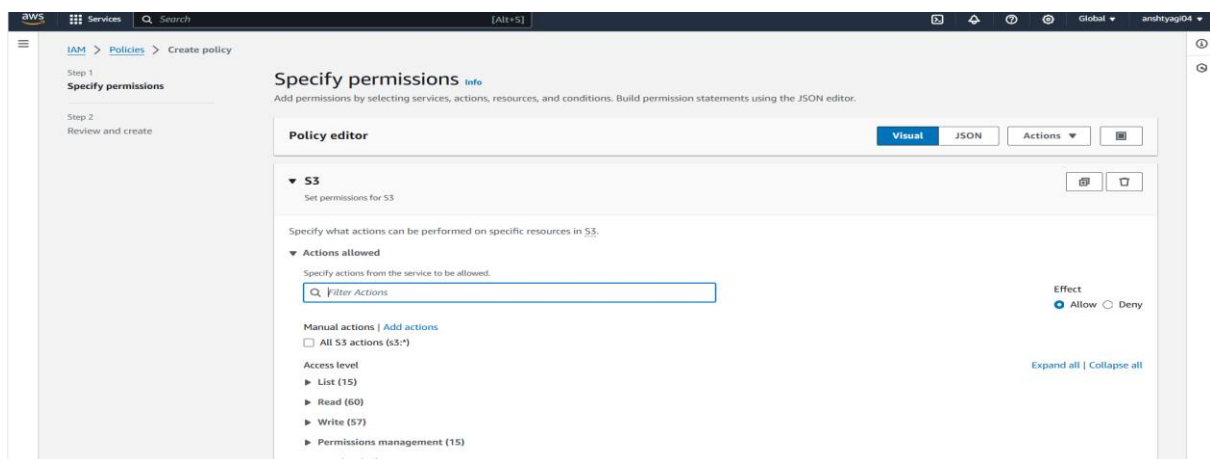
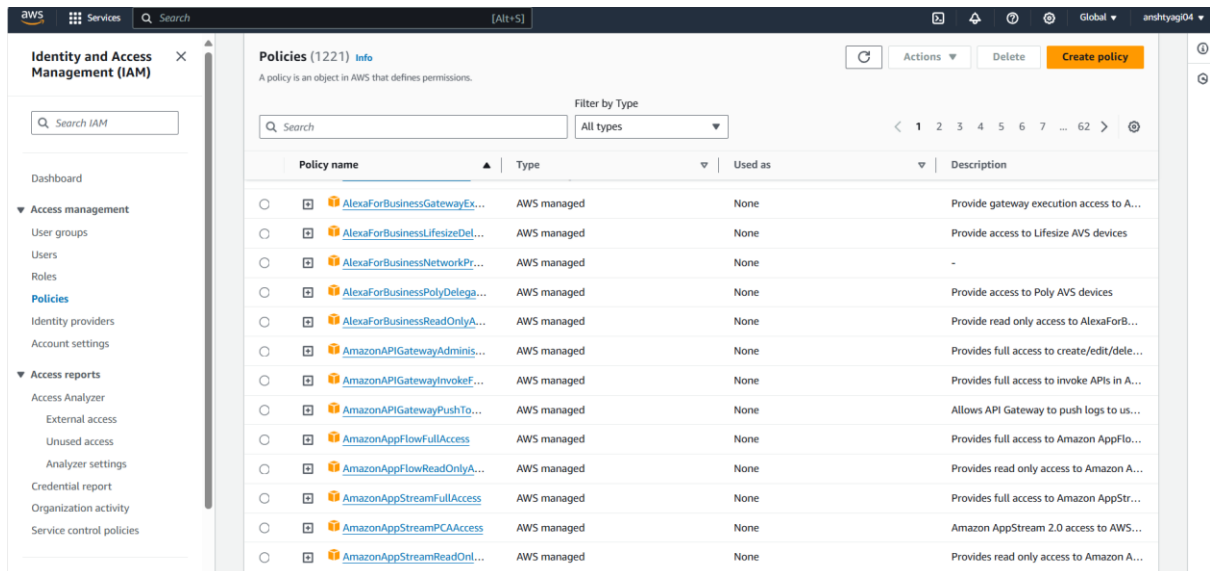
Step 8: Copy the Console sign-in URL, open the incognito window, and paste it on it.

Sign in with your username and password and we are signed in.





Step 9: Now Click on Policies and then select Create Policy.



## Step 10: Create policy and named as “policy12”

The screenshot shows the 'Review and create' step in the AWS IAM console. The page title is 'Review and create'. Below the title, it says 'Review the permissions, specify details, and tags.' The 'Policy details' section has a 'Policy name' field with 'policy12' entered and a 'Description - optional' field. The 'Permissions defined in this policy' section shows a table with one row: 'S3' with 'Full access', 'All resources', and 'None' request condition. The 'Add tags - optional' section shows 'No tags associated with the resource.' and an 'Add new tag' button. At the bottom right, there are 'Cancel', 'Previous', and 'Create policy' buttons.

**Policy details**

Policy name  
Enter a meaningful name to identify this policy.  
policy12  
Maximum 128 characters. Use alphanumeric and '\*'\_@\_- characters.

Description - optional  
Add a short explanation for this policy.  
Maximum 1,000 characters. Use alphanumeric and '\*'\_@\_- characters.

**Permissions defined in this policy**

Permissions defined in this policy document specify which actions are allowed or denied. To define permissions for an IAM identity user, user group, or role, attach a policy to it.

Search

Allow (1 of 420 services)

Service	Access level	Resource	Request condition
S3	Full access	All resources	None

**Add tags - optional**

Tags are key-value pairs that you can add to AWS resources to help identify, organize, or search for resources.

No tags associated with the resource.

Add new tag  
You can add up to 50 more tags.

Cancel Previous Create policy

## Step 11: Policy is created Successfully.

The screenshot shows the 'Policies' page in the AWS IAM console. A green banner at the top says 'Policy policy12 created.' with a 'View policy' button. The page title is 'Policies (1222)'. Below the title, it says 'A policy is an object in AWS that defines permissions.' The 'Filter by Type' dropdown is set to 'All types' and shows '1 match'. The table below has one row: 'policy12' with 'Customer managed' type and 'None' used as. At the bottom right, there are 'Actions', 'Delete', and 'Create policy' buttons.

**Policies (1222)**

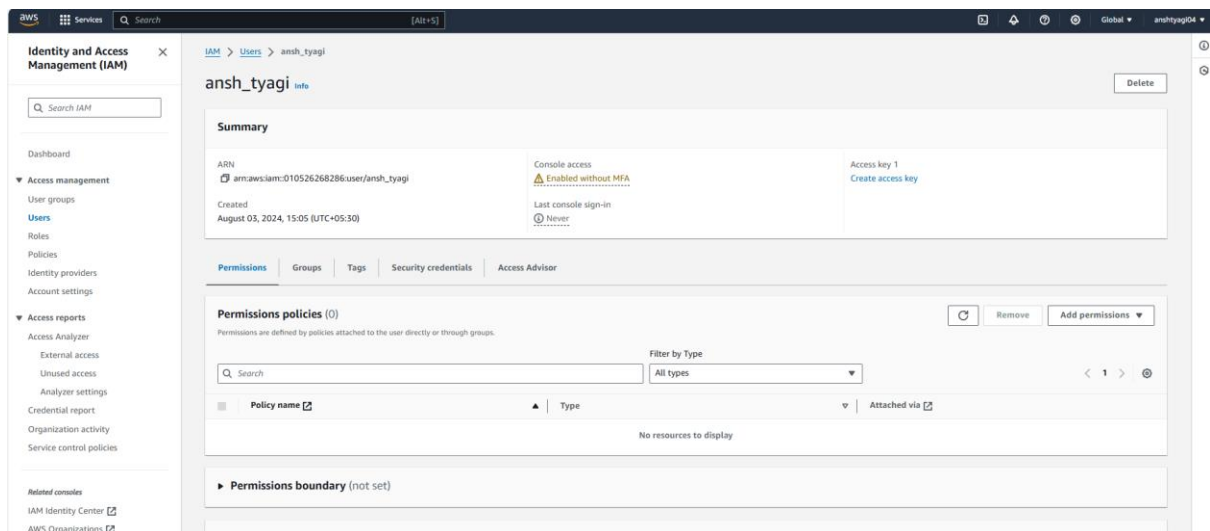
A policy is an object in AWS that defines permissions.

Filter by Type  
All types 1 match

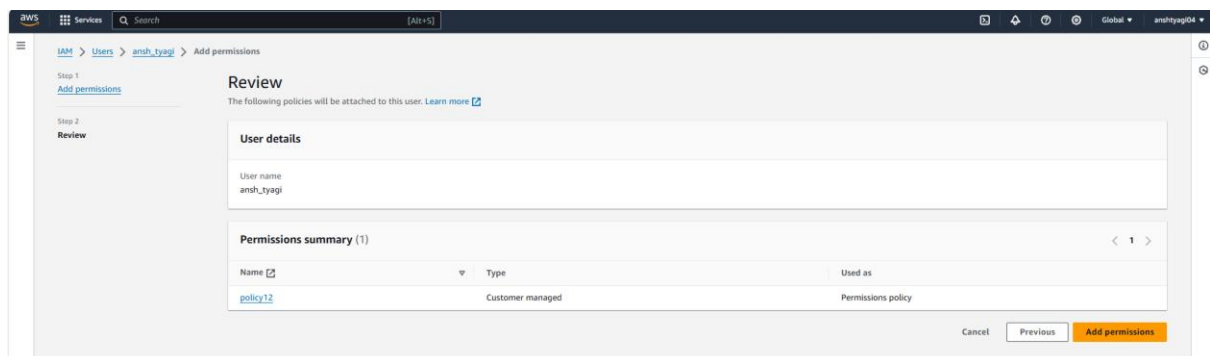
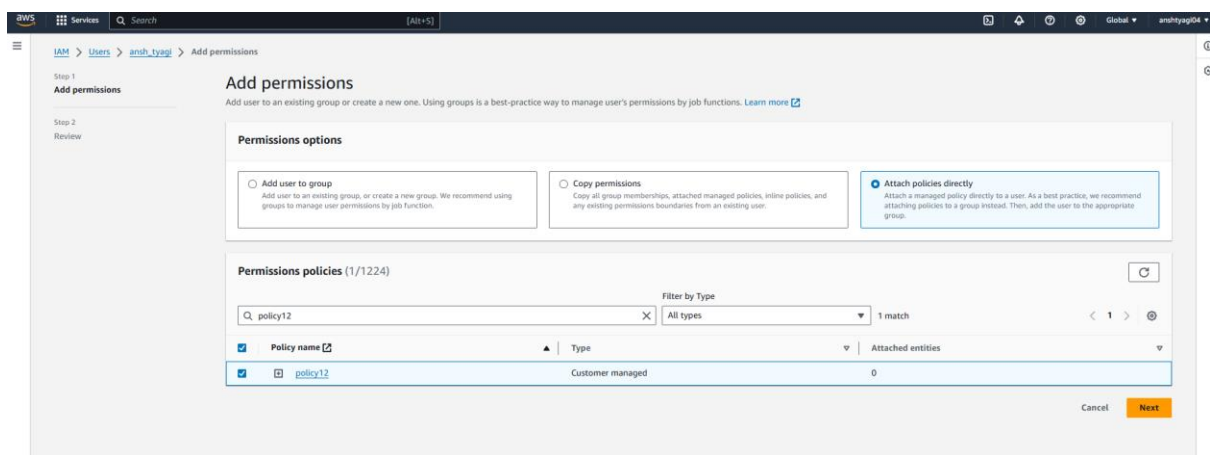
Policy name	Type	Used as	Description
policy12	Customer managed	None	

Actions Delete Create policy

## Step 12: Click on Users again and then select Add Permissions option



Step 13: Find “policy12” in the add permissions tab and click on next > Add Permissions



## Step 14: “Policy12” is added successfully

The screenshot shows the AWS IAM console for the user 'anish\_tyagi'. A green banner at the top indicates '1 policy added'. The user's summary shows an ARN of 'arn:aws:iam:010526268286:user/anish\_tyagi', created on August 03, 2024, with console access enabled without MFA. The 'Permissions' tab is active, showing 'policy12' attached directly to the user. The policy is a 'Customer managed' type. The 'Permissions boundary' is not set, and there is an option to 'Generate policy based on CloudTrail events'.

## Step 15: Go to the Amazon S3 dashboard and Click Create Bucket.

The screenshot shows the Amazon S3 console. The 'General purpose buckets' tab is active, showing a list of buckets. One bucket, 'mybucketprac2', is listed in the Asia Pacific (Mumbai) ap-south-1 region, created on August 2, 2024, at 12:12:09 (UTC+05:30). The console includes a search bar, pagination controls, and buttons for 'Copy ARN', 'Empty', 'Delete', and 'Create bucket'.

## Step 16: Create bucket as “mybucketsec”



Services
Search
[Alt+S]
Stockholm
ansh\_tyagi @ 0105-2626-8286

Amazon S3 > Buckets > Create bucket

## Create bucket [Info](#)

Buckets are containers for data stored in S3.

### General configuration

AWS Region

Europe (Stockholm) eu-north-1

Bucket type [Info](#)

☒ General purpose
 Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ Directory - New
 Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Step 17: Bucket is Created Successfully using S3.

Services
Search
[Alt+S]
Stockholm
ansh\_tyagi @ 0105-2626-8286

Amazon S3 > Buckets

**Successfully created bucket "mybucketsec"**
[View details](#)

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

**Account snapshot - updated every 24 hours**
All AWS Regions
[View Storage Lens dashboard](#)

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

General purpose buckets | Directory buckets

**General purpose buckets (2)**
[Info](#)
All AWS Regions

Buckets are containers for data stored in S3.

☐ mybucketprac2
 Asia Pacific (Mumbai) ap-south-1
 [View analyzer for ap-south-1](#)
August 2, 2024, 12:12:09 (UTC+05:30)

☐ mybucketsec
 Europe (Stockholm) eu-north-1
 [View analyzer for eu-north-1](#)
August 3, 2024, 15:35:40 (UTC+05:30)