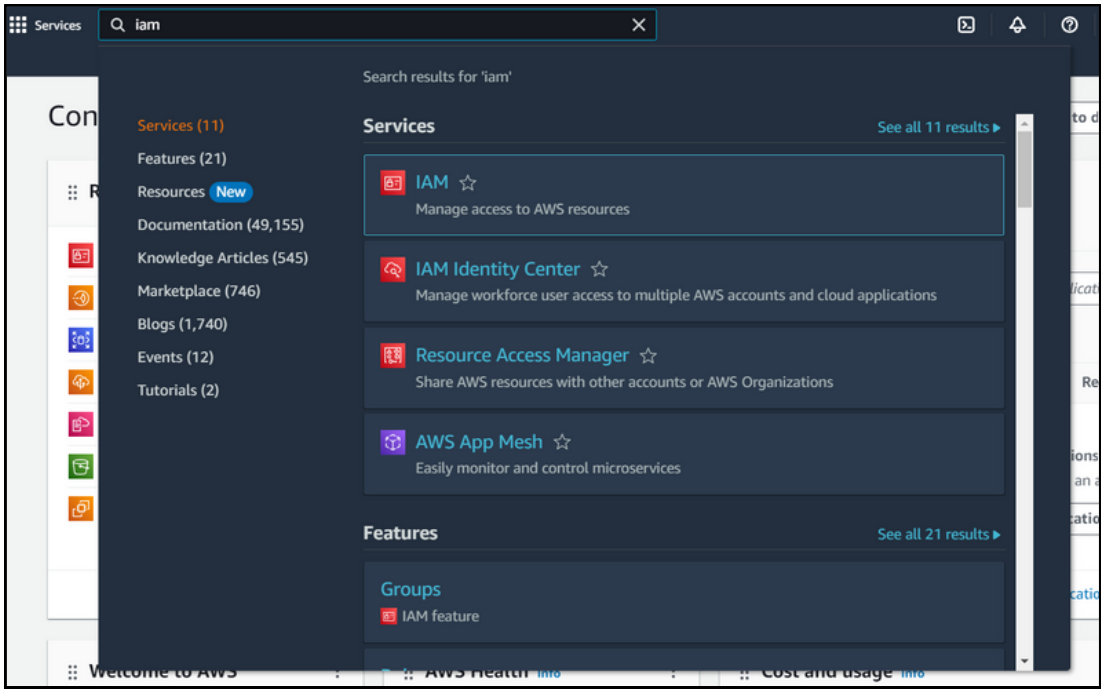
Assignment 3

Problem Statement: Create an IAM user and assign full S3 access

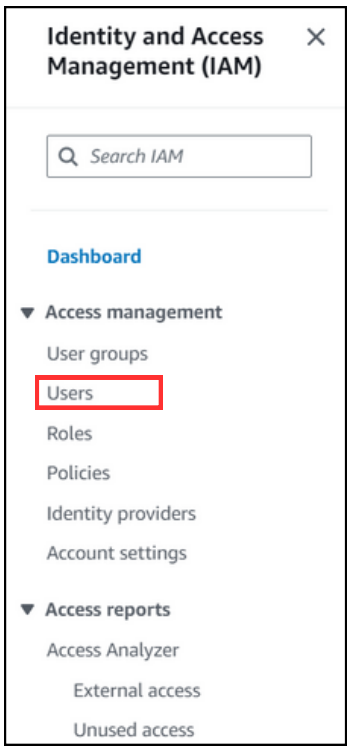
Solution:

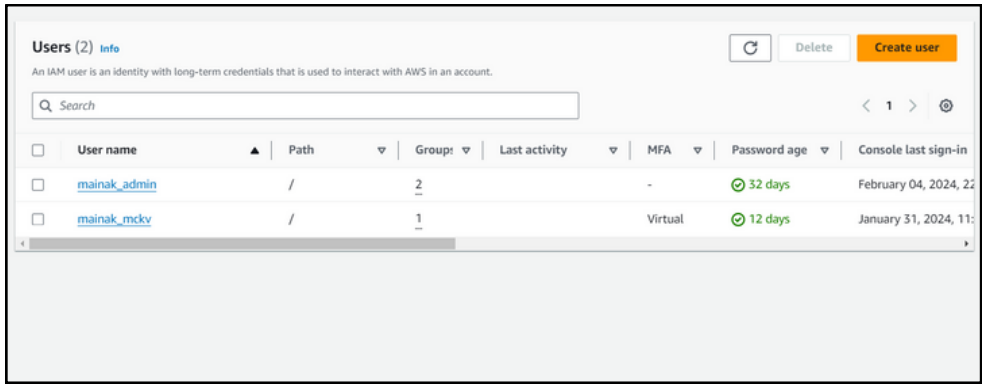
1. Create an IAM user

Step 1.1: Log into your AWS console and search IAM on the search bar, click on it

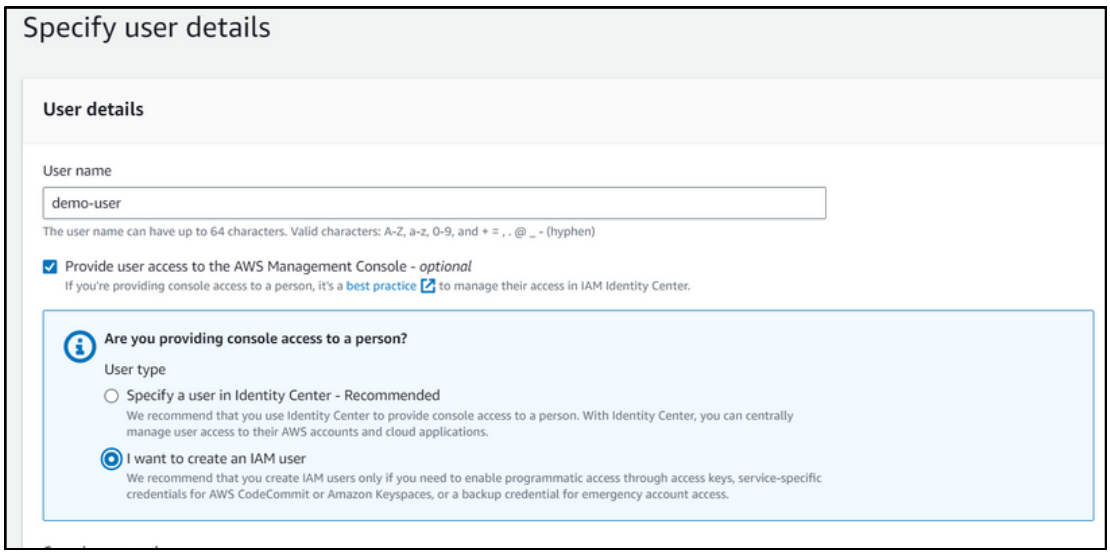


Step 1.2: Click on Users and then Create user

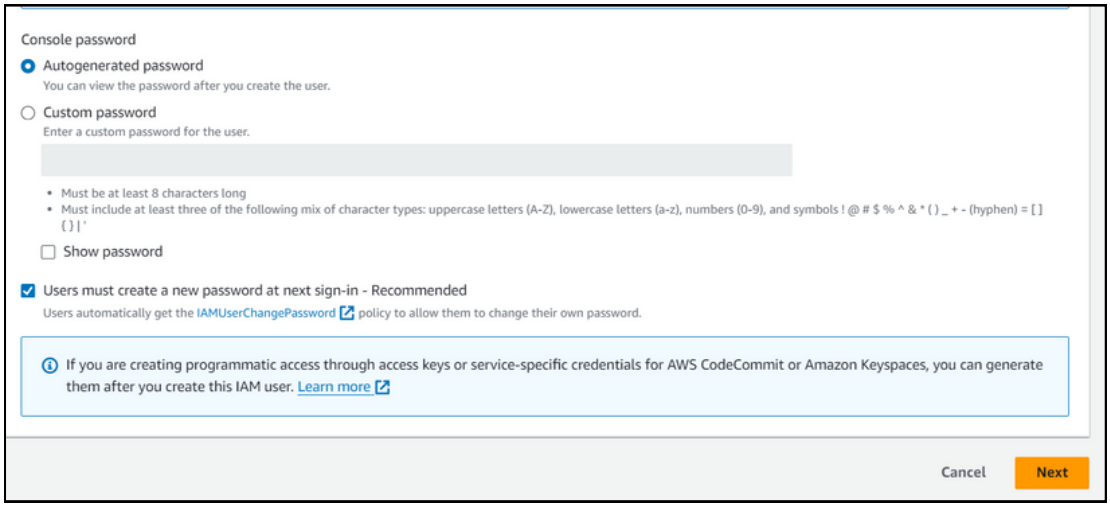




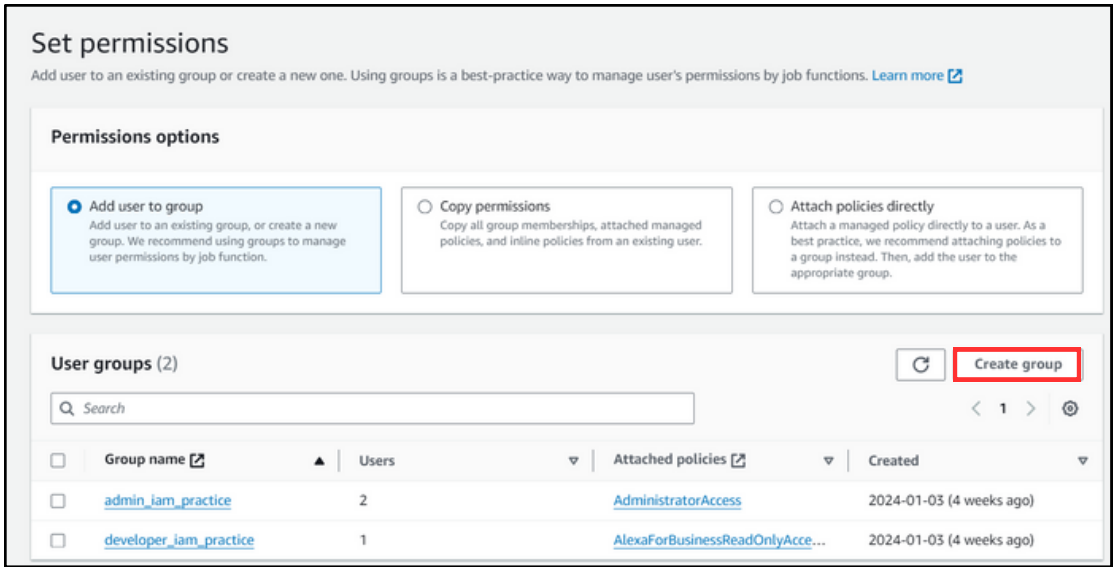
Step 1.3: Specify the user details, tick on **Provide user access to AWS Management console** to give the user access to the AWS Console and choose **I want to create an IAM user**



Step 1.4: Specify the password, you can give a **Custom password** or let AWS **generate a password** for the user. Optionally, you may tick **User must create a new password at next sign-in**, so that, the user can be able to change the password at the next sign-in. Click on **Next.**

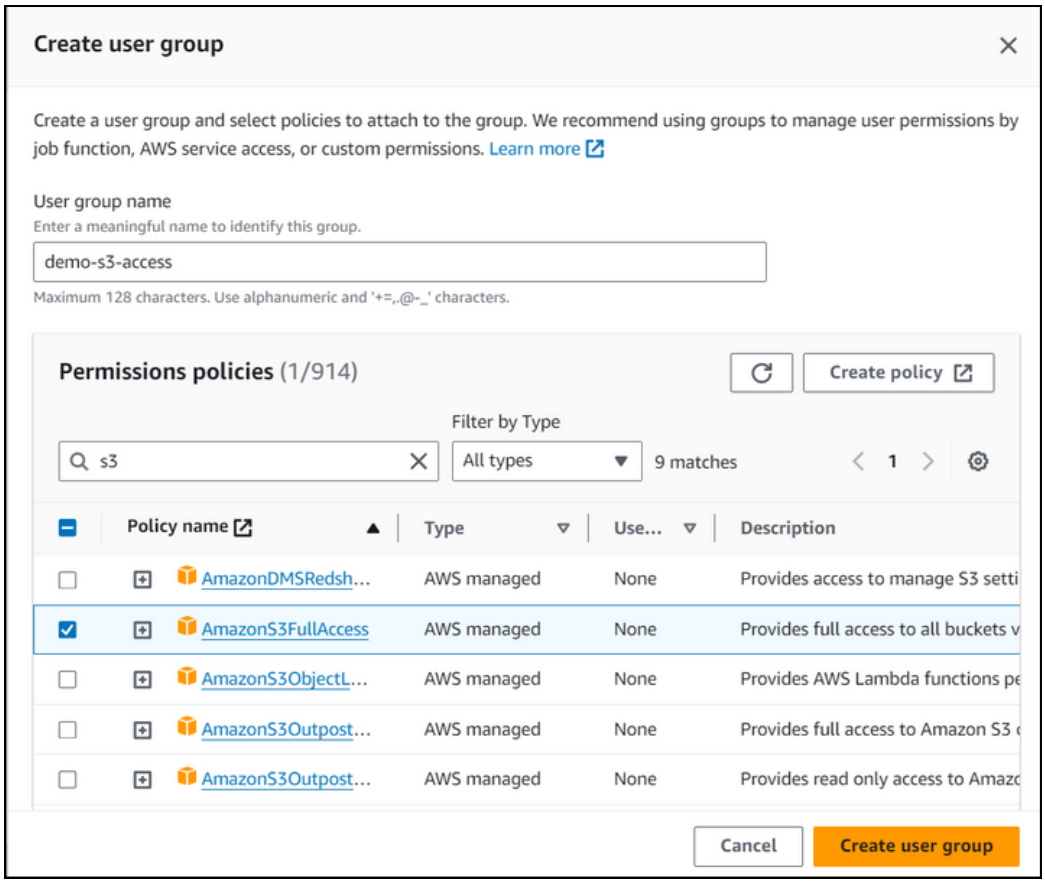


Step 1.5: To **set permissions** to the user, create a group by clicking on **Create group**

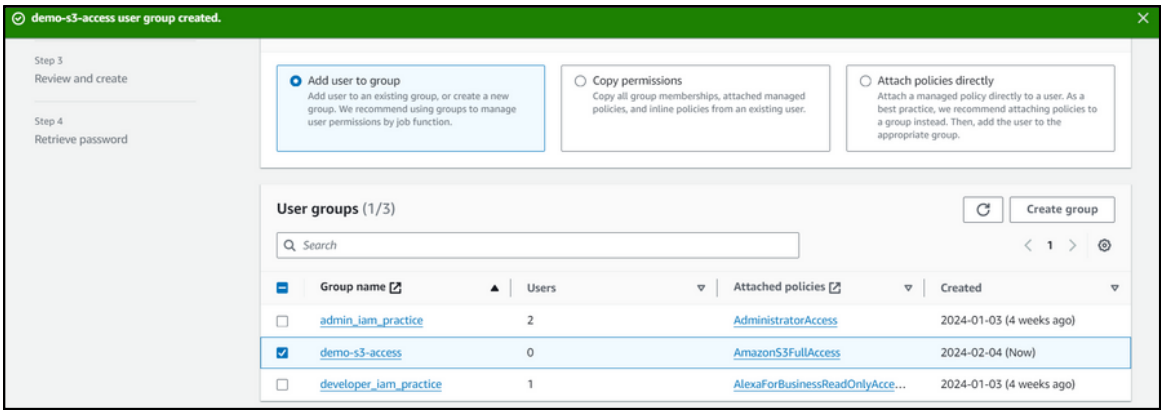


Step 2: Create group and attach AmazonS3FullAccess policy

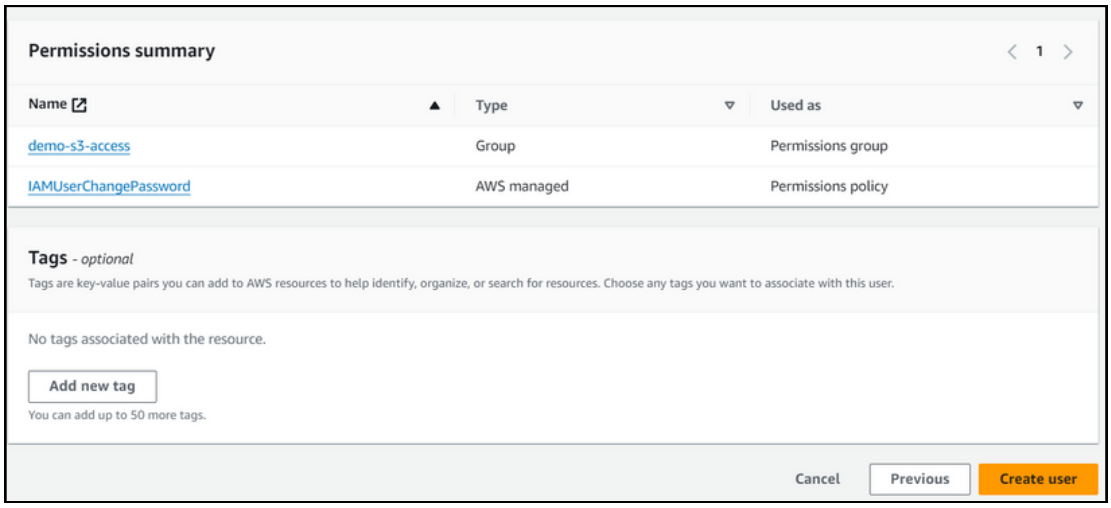
Step 2.1: Set a **group-name** and search **AmazonS3FullAccess** policy. Select it and click on **Create user group**.

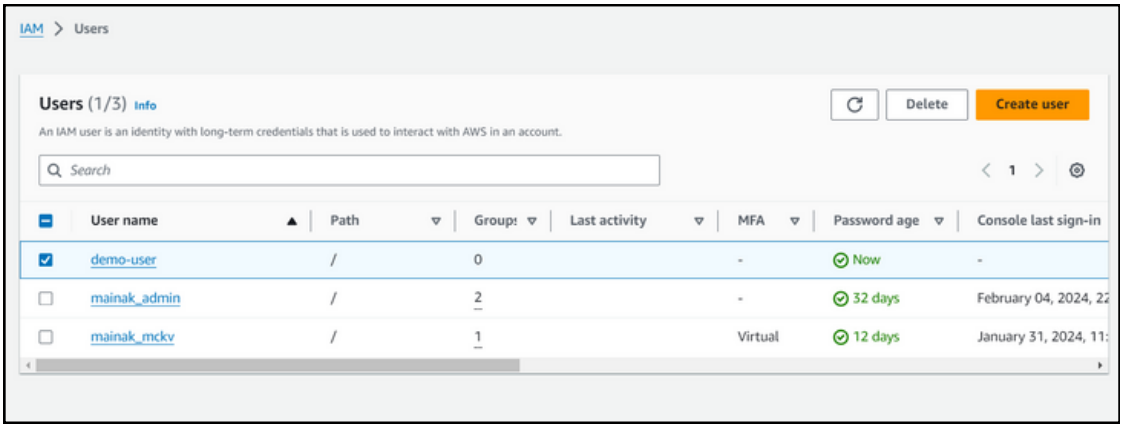


Step 2.2: Select the group you just created, for me, it is **demo-s3-access**. Click Next.



Step 2.3: Click on **Create user** to finalize the creation of **IAM user**. Now you can check the created user on the **Users** tab.





Definitions

- **IAM** stands for **Identity and Access Management**. IAM is an AWS service that helps to create and manage resources such as **Users**, **Groups**, **Policies** and **IAM Roles.**
- An AWS Identity and Access Management (IAM) user is an entity that you create in AWS. The IAM user represents the human user or workload who uses the IAM user to interact with AWS. A user in AWS consists of a name and credentials.