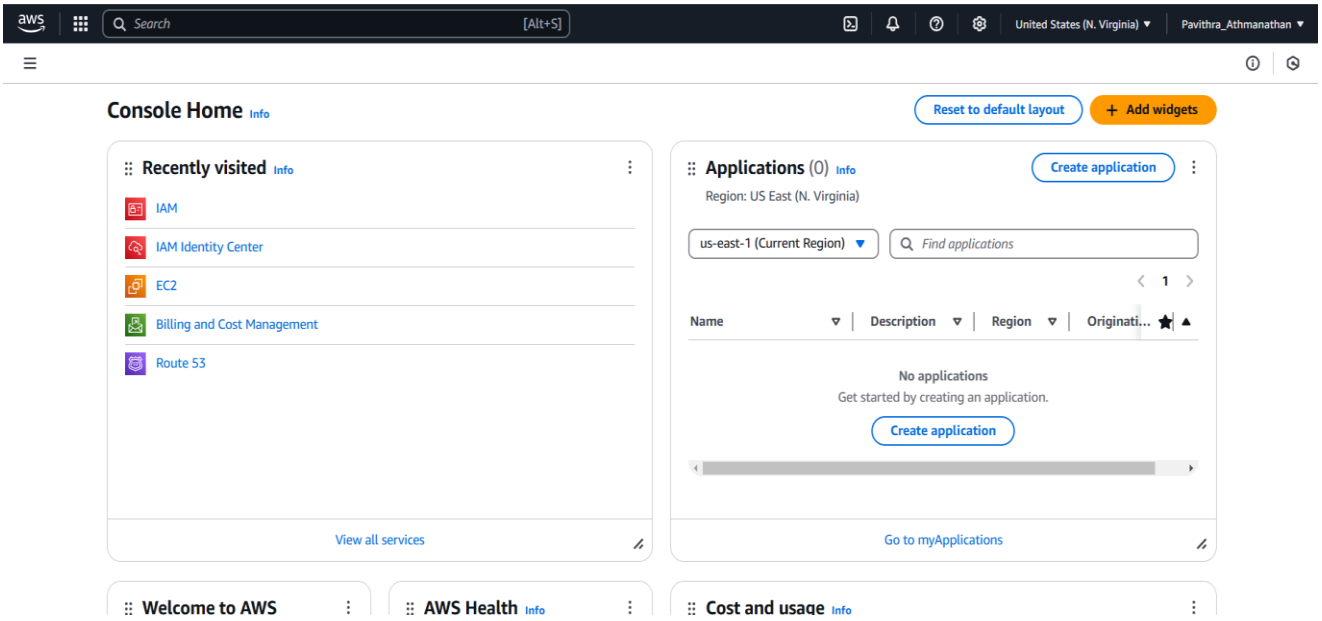
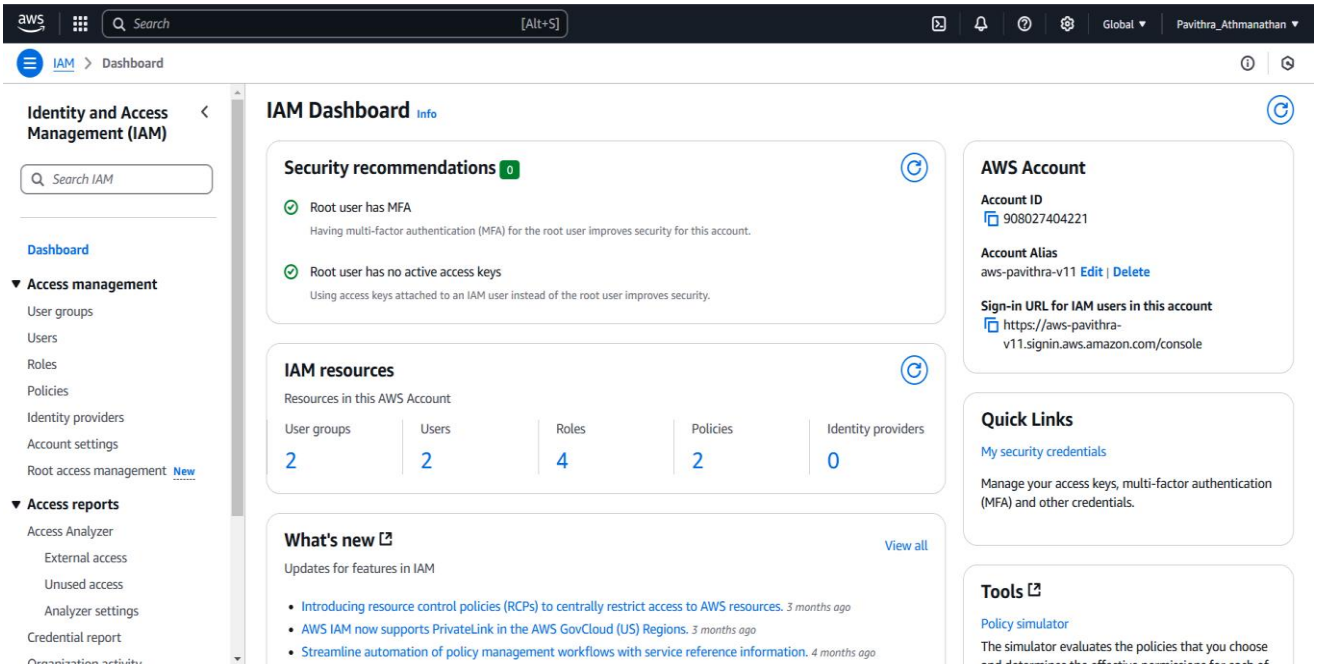
Creating a New Console User and Programmatic User on AWS

Part 1: Creating a New Console User

Step 1: Navigate to the IAM Dashboard

1. Log in to your AWS Management Console.
2. In the search bar, type **IAM** and select **IAM** from the results to open the IAM Dashboard.

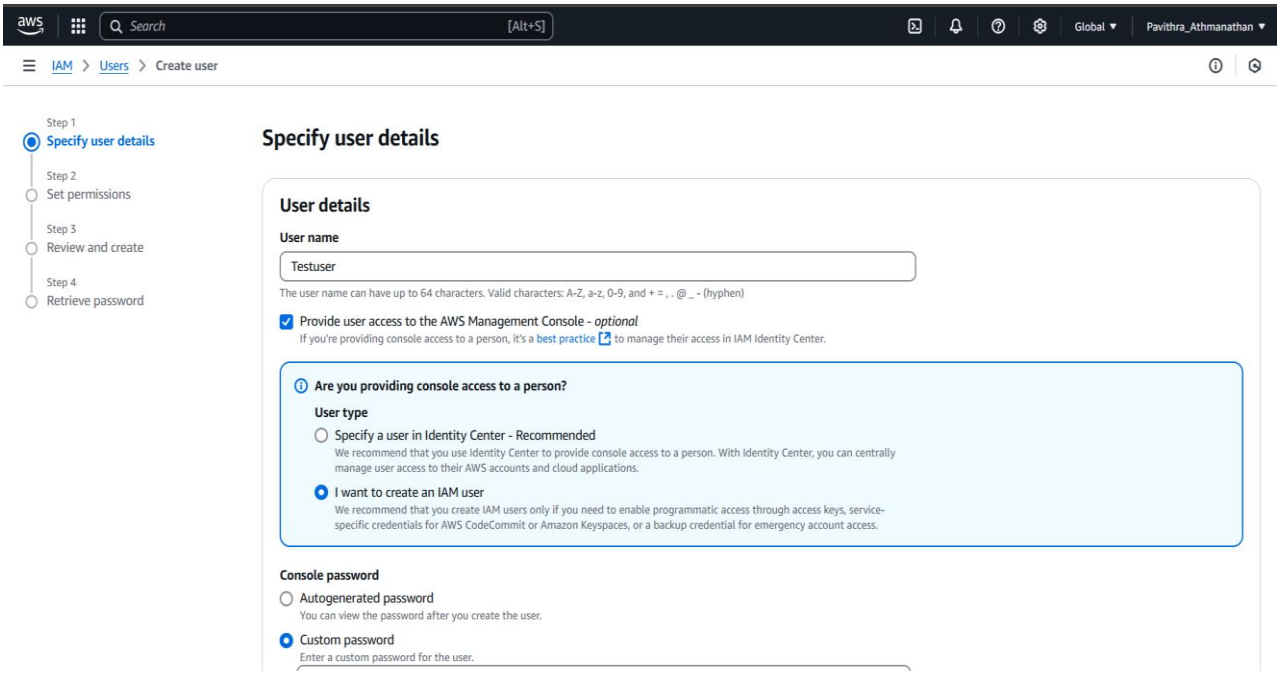


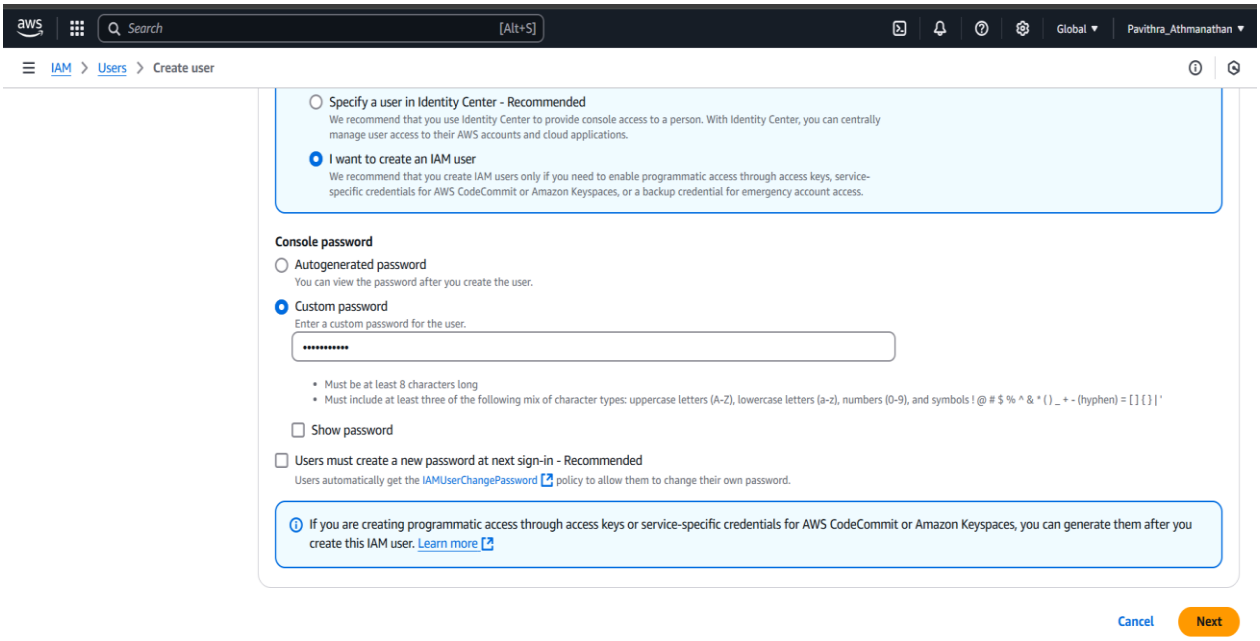


Step 2: Create a New User

1. In the left-hand navigation pane, click **Users**.
2. Click the **Add Users** button.
3. Enter a **User name** (e.g., ConsoleUser).

4. Under **Select AWS access type**, check **AWS Management Console access**.
    - Choose **Custom password** and set a password for the user.
    - Optionally, require the user to create a new password at next sign-in.
5. Click **Next: Permissions**.

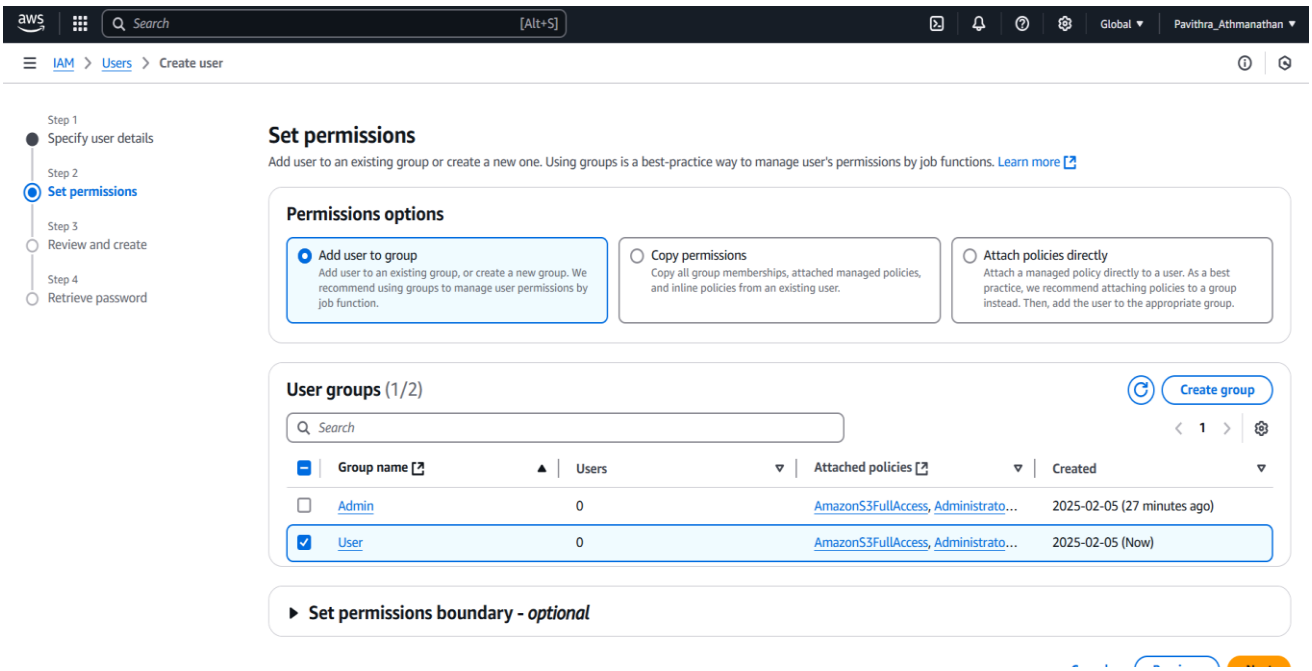




Step 3: Assign Permissions

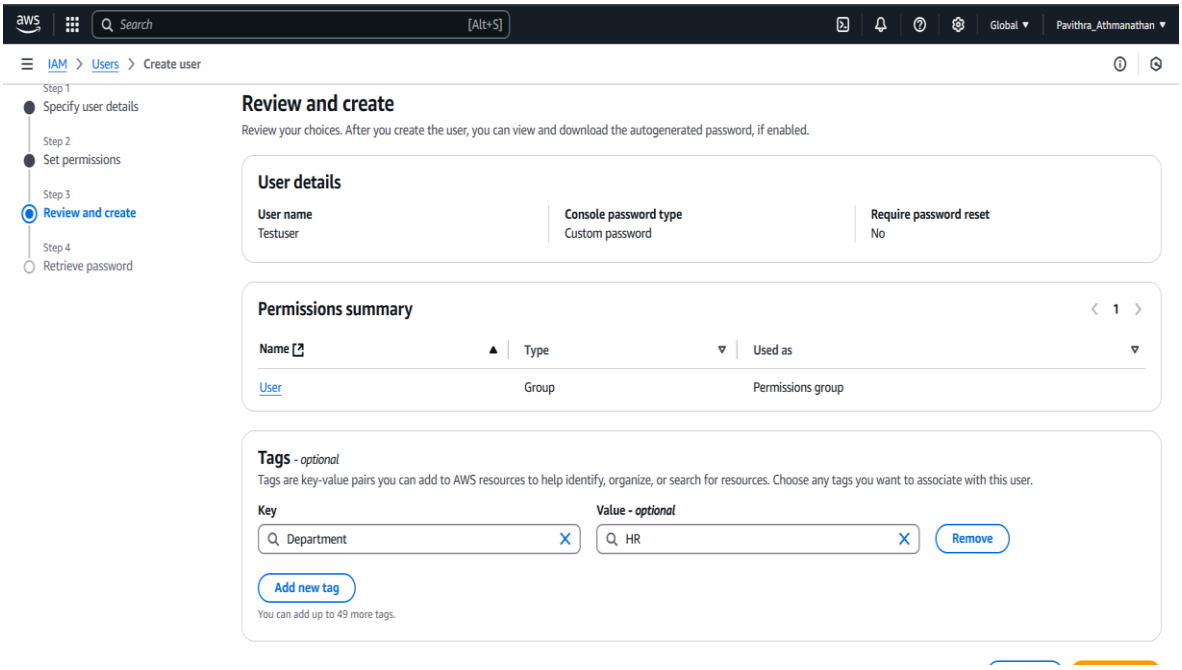
1. Choose how to assign permissions:
    - **Add user to group**: Select an existing group with the required permissions.
    - **Attach policies directly**: Select a policy, such as **AdministratorAccess**, **PowerUserAccess**, or a specific policy like **AmazonS3FullAccess**.
    - **Copy permissions from existing user**: Copy permissions from another user if applicable.

2. Click **Next: Tags**.



Step 4: Add Tags (Optional)

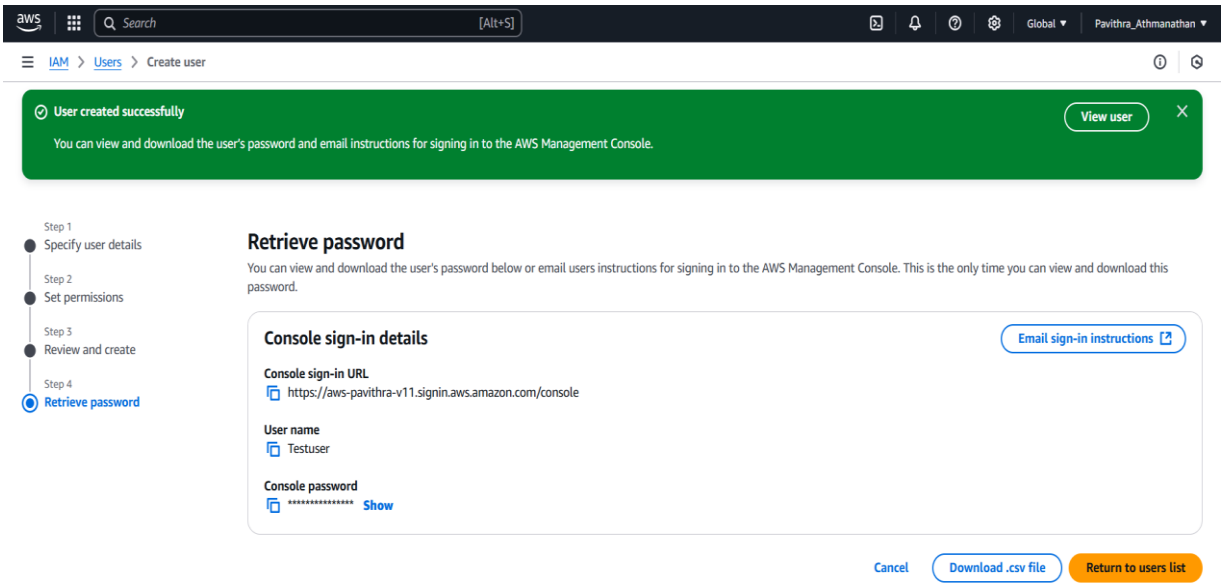
1. Add tags to help identify and manage the user (e.g., Key: Department, Value: IT).
2. Click **Next: Review**.



Step 5: Review and Create

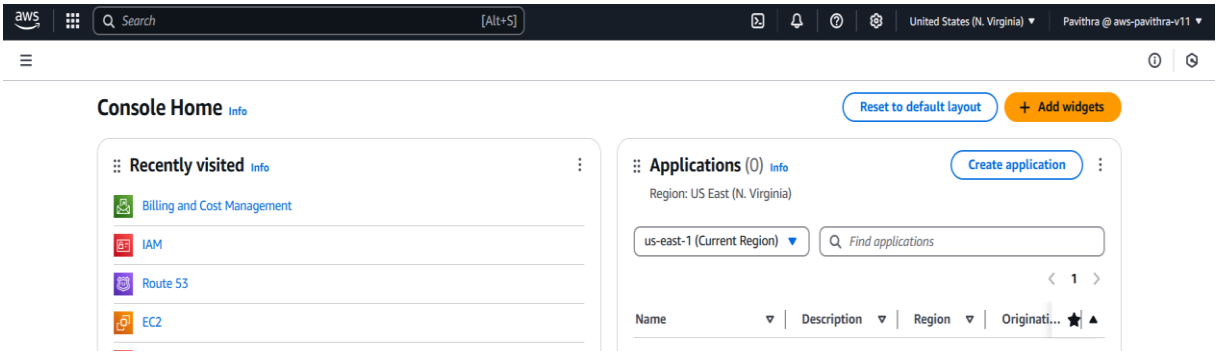
1. Review the user details.

2. Click **Create user**.
3. Note the login URL and provide it to the user.



Step 6: Test the Console User

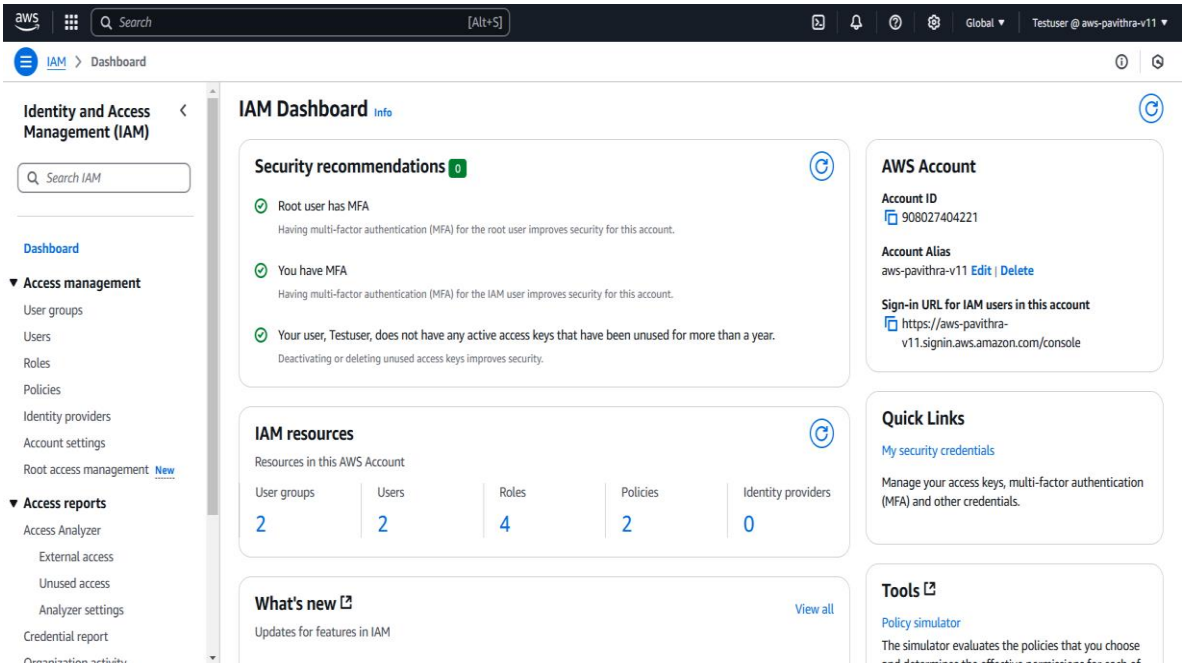
1. Log out of your AWS account.
2. Use the user login URL provided to sign in as the new user.
3. Verify that the user has access to the services specified by the permissions.



Part 2: Creating a Programmatic User

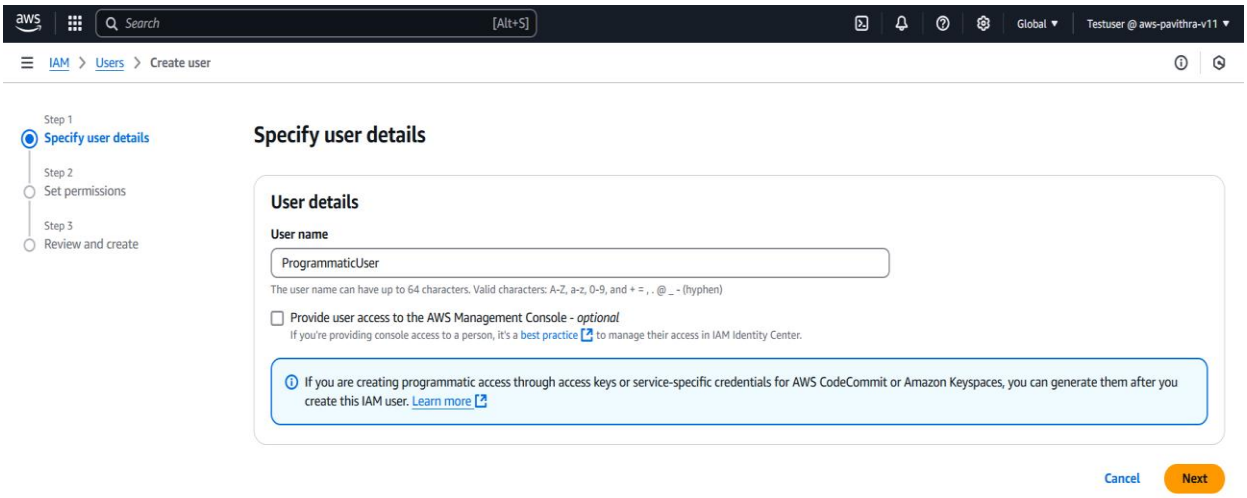
Step 1: Navigate to the IAM Dashboard

1. Log in to your AWS Management Console.
2. In the search bar, type **IAM** and select **IAM** from the results to open the IAM Dashboard.



Step 2: Create a New User

1. In the left-hand navigation pane, click **Users**.
2. Click the **Add Users** button.
3. Enter a **User name** (e.g., ProgrammaticUser).
4. Under **Select AWS access type**, check **Access key - Programmatic access**.
5. Click **Next: Permissions**.

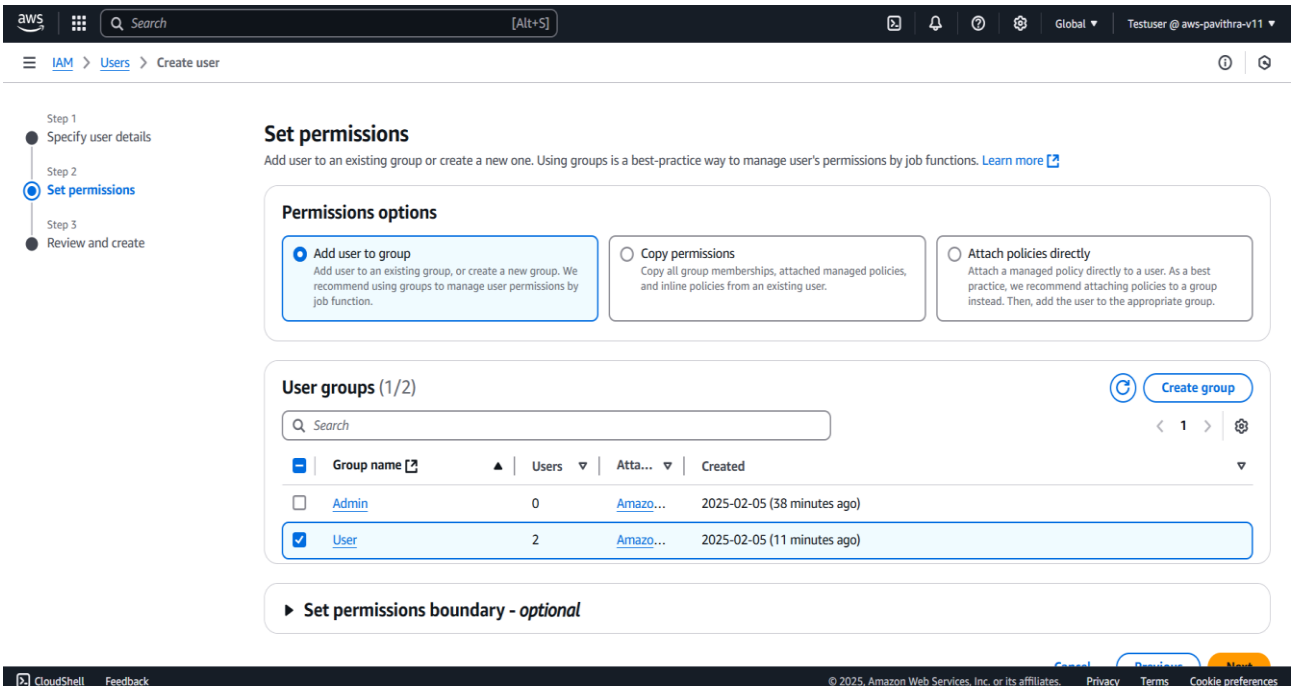


Step 3: Assign Permissions

1. Choose how to assign permissions:
    - **Add user to group**: Select an existing group with the required permissions.

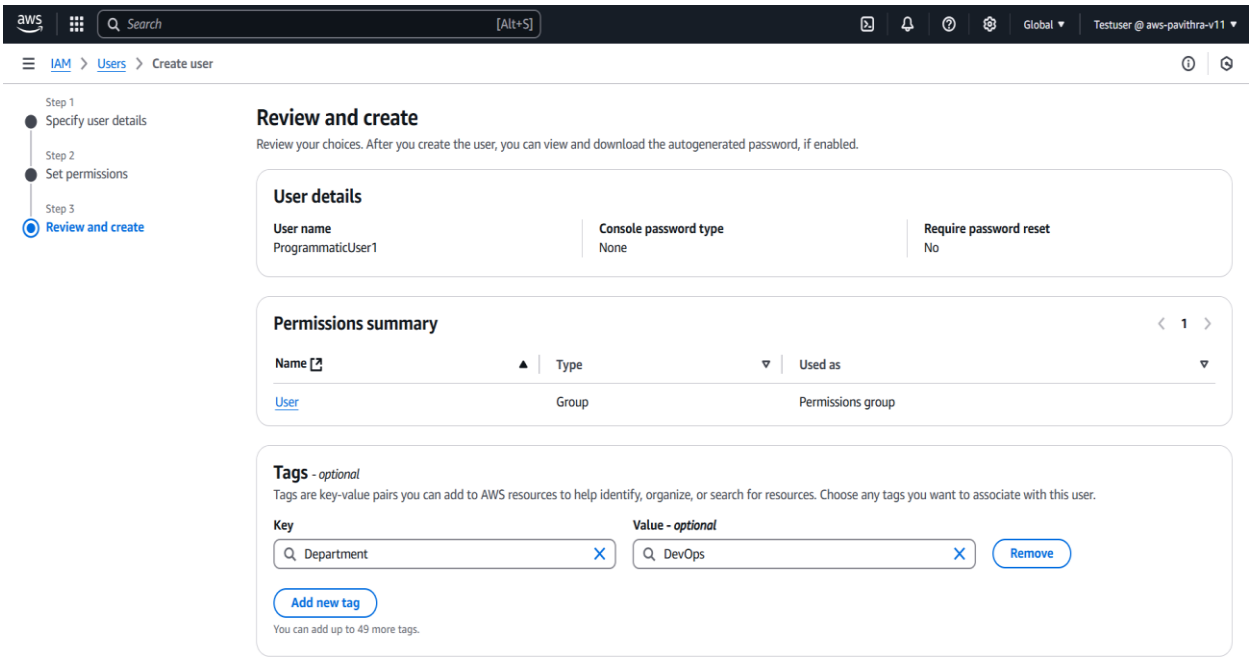
- **Attach policies directly**: Select a policy, such as **AdministratorAccess**, **PowerUserAccess**, or a specific policy like **AmazonS3FullAccess**.
- **Copy permissions from existing user**: Copy permissions from another user if applicable.

2. Click **Next: Tags**.



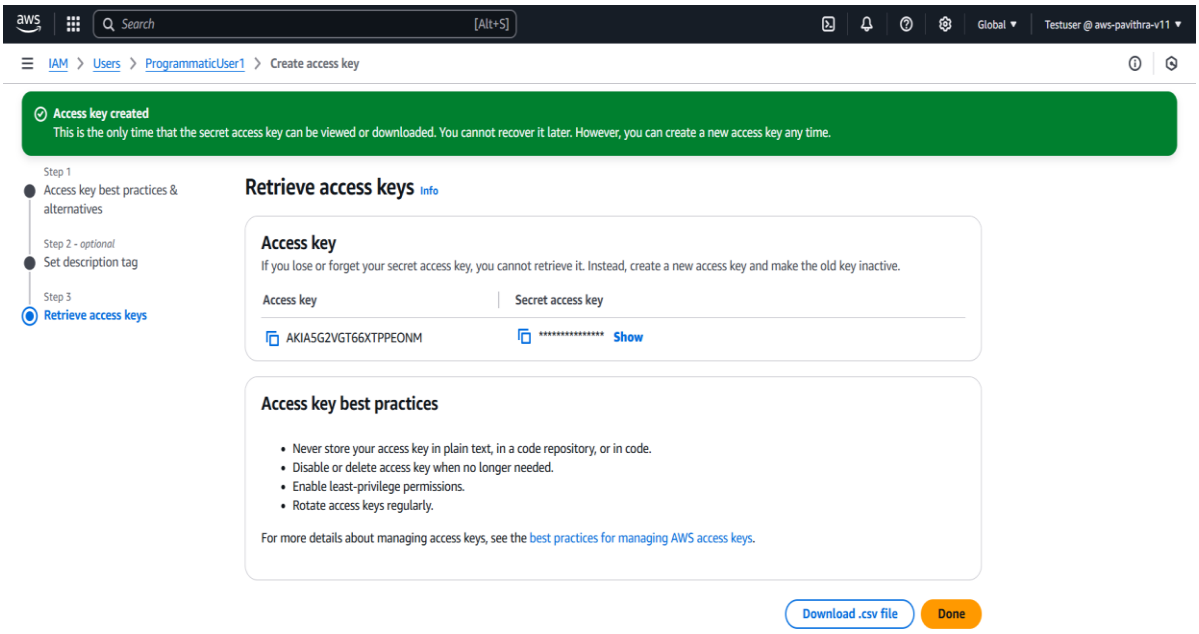
Step 4: Add Tags (Optional)

1. Add tags to help identify and manage the user (e.g., Key: Department, Value: DevOps).
2. Click **Next: Review**.



Step 5: Review and Create

1. Review the user details.
2. Click **Create user**.
3. Download the **.csv file** containing the **Access Key ID** and **Secret Access Key**.
4. Click **Close**.



Step 6: Test the Programmatic User

1. **Configure AWS CLI**:
    - Open a terminal or command prompt.
    - Run the command: aws configure.
    - Enter the **Access Key ID** and **Secret Access Key**.
    - Specify the default region (e.g., us-east-1).
    - Specify the output format (e.g., json).
2. **Test Access**:
    - Run a simple AWS CLI command, such as:
    - aws s3 ls
    - If the permissions allow, this will list the S3 buckets in your account.


Invalid choice: 'config', maybe you meant:
* configure
* appconfig
~ $ aws configure
AWS Access Key ID [**********EONM]: AKIA5G2VGT66XTPPEONM
AWS Secret Access Key [**********4U6R]:
Default region name [us-east-1]: us-east-1
Default output format [aws s3 ls]: json
~ $ aws s3 ls
~ $ aws s3 ls
2025-02-06 05:53:40 pavi-bckt