Creating a programmatic AWS user

Users need programmatic access if they want to interact with AWS outside of the AWS Management Console. The way to grant programmatic access depends on the type of user that's accessing AWS.

To create a programatic user in the management console, follow the steps bellow.

- In the AWS Management Console, search for "IAM" or find it under the "**Security, Identity, & Compliance**" section.
- In the IAM dashboard, select "**Users**" from the left navigation pane.
- Click on the "**Add user**" button.
- Enter a meaningful username (Example **s3-user**) for the programmatic user.
- Click on **next**

- Select **Attach policies directly**
- In the search box bellow, copy and paste **AmazonS3FullAccess**
- Select **AmazonS3FullAccess**
- Click on <mark>Next</mark>
- Click on <mark>Create user</mark>
- Select the newly created user
- Select the **Security credentials** Tab
- Under **Access keys** Click on **Create Access Key**
- Select **Other**
- Click on **Next**
- Click on Create access key
- Download the CSV file that contains the user's access key ID and secret access key. This information is crucial for programmatic access.
- Keep the credentials secure, as the secret access key is displayed only once.
- Once you've created the access keys, the user is successfully set up for programmatic access.