# **Instruction Guide: Creating AWS Access Keys & Configuring AWS CLI**

This guide will help you generate an AWS access key and configure it using the AWS CLI.

## **Step 1: Create AWS Access Key**

1. **Log in to AWS Console**
   * Go to [AWS Management Console](https://aws.amazon.com/console/).
   * Sign in with your AWS credentials.
2. **Navigate to IAM (Identity and Access Management)**
   * In the AWS Management Console, search for **IAM** in the search bar and open it.
3. **Select a User**
   * In the IAM dashboard, click **Users** in the left sidebar.
   * Select the user for whom you want to generate access keys.
4. **Create a New Access Key**
   * Click on the **Security credentials** tab.
   * Scroll down to the **Access keys** section.
   * Click **Create access key**.
5. **Download the Access Key**
   * AWS will generate an **Access Key ID** and a **Secret Access Key**.
   * Click **Download .csv file** and store it securely.  
      ⚠️ **Important:** The secret key will not be visible again after closing this window.

## **Step 2: Configure AWS CLI with Access Keys**

1. **Open a Terminal (Command Prompt / PowerShell / Terminal)**

**Run the AWS Configure Command** aws configure

1. **Enter the Access Key Details** The system will prompt for four details:  
   * **AWS Access Key ID:** (Enter the Access Key ID from the downloaded file)
   * **AWS Secret Access Key:** (Enter the Secret Access Key from the downloaded file)
   * **Default region name:** ap-southeast-1
   * **Default output format:** (Press Enter to keep the default json or enter text/table)

**Verify Configuration** Run the following command to check if the credentials are set up correctly:  
  
 aws s3 ls

1. If AWS credentials are correct, this command should return a list of S3 buckets (if any exist in your AWS account).