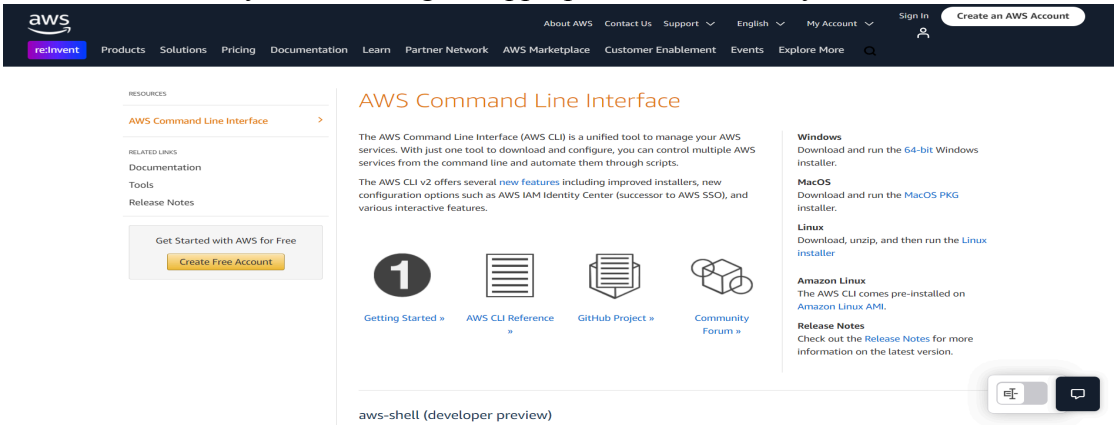
Installing and Configuring AWS CLI

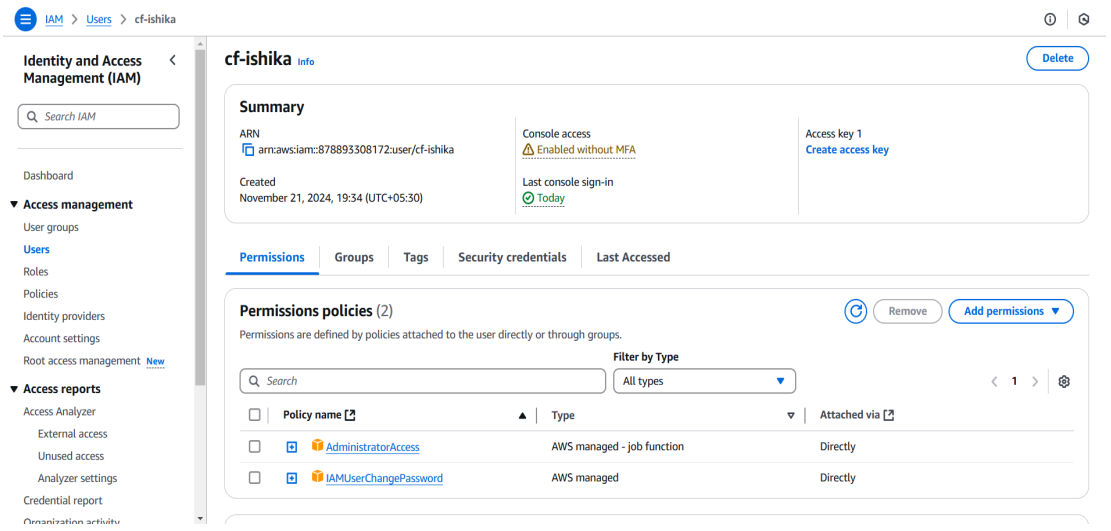
The process involves installing and configuring AWS CLI for use with AWS services. First, install Visual Studio Code and the AWS CLI appropriate for your operating system. In the AWS IAM Console, ensure the user has "AdministratorAccess" and create a new access key. Download the key as a .csv file. Open a terminal in Visual Studio Code, verify the AWS CLI installation with aws --version, and configure it using aws configure by providing the access key, secret key, and region. Test the configuration with aws s3 ls to ensure the AWS CLI is working. The end goal is to set up AWS CLI for stack management.

Activity

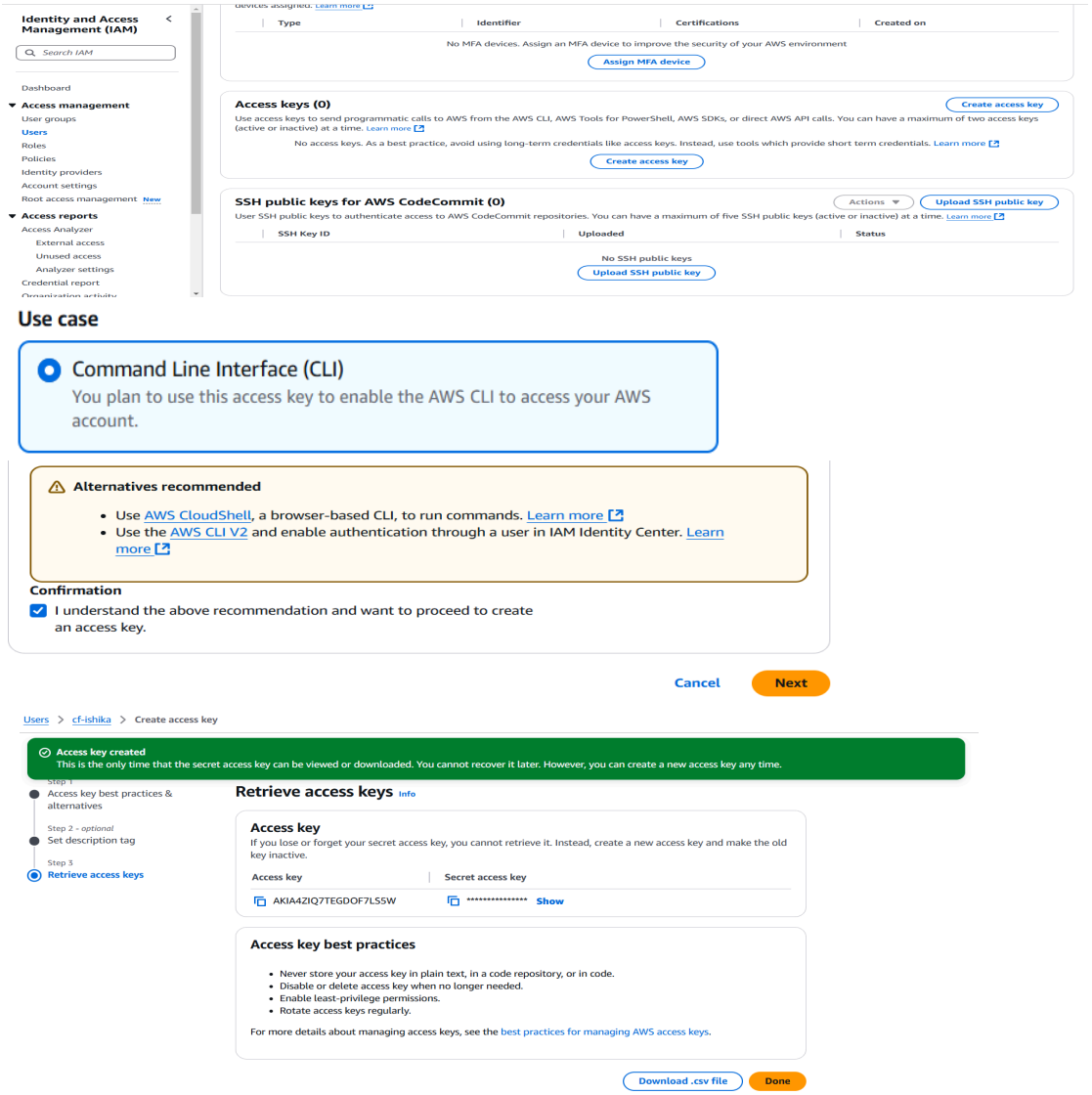
1. Download and install Visual Studio Code for your operating system.
2. Install AWS CLI by downloading the appropriate installer for your OS.



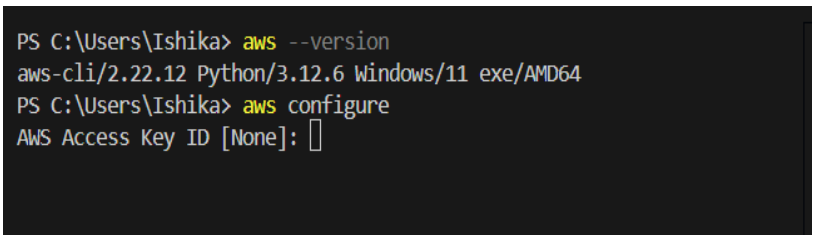
3. Open the AWS IAM Console and ensure your user has "AdministratorAccess" permissions.



4. Navigate to the "Security credentials" tab, create a new access key, select the command line interface, tick the confirmation and download the key as a .csv file.



5. Open a terminal in Visual Studio Code or another terminal of your choice. Verify AWS CLI installation with the command aws --version.



6. Configure AWS CLI using aws configure, providing the Access Key ID, Secret Access Key, region (eu-west-1 recommended), and leaving the default output format blank.

```
PS C:\Users\Ishika> aws --version
aws-cli/2.22.12 Python/3.12.6 Windows/11 exe/AMD64
PS C:\Users\Ishika> aws configure
AWS Access Key ID [****************LS5W]: AKIA4ZIQ7TEGDOF7LS5W
AWS Secret Access Key [****************TXzt]: 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
Default region name [eu-west-1]: eu-west-1
Default output format [None]:
PS C:\Users\Ishika> aws s3 ls
2024-11-21 01:12:20 aws500demotest0911
2024-12-01 10:51:22 awsbackupfeaturerds1
2024-11-21 01:12:27 awsbucketdkrecrdemo
2024-11-21 01:12:42 awsdemoapplatest0910
2024-11-21 01:12:42 awsdemocloudformation11
2024-11-21 01:12:42 awsdeploymentconfigbucket1
2024-12-01 20:31:06 awsfiletransferdemo1
2024-11-29 07:44:43 awspurpledemobucket1
2024-11-21 01:13:12 awssimplilearnd1demo0911
2024-11-23 15:19:59 bucket-1-general
2024-11-21 01:37:38 cf-templates-kmi81w4ukk76-ap-south-1
2024-11-28 14:57:14 cf-templates-kmi81w4ukk76-eu-west-1
2024-11-29 10:10:14 nestedstackbuckets3
2024-12-06 21:51:07 riteshrotarys3cli
2024-11-19 16:29:17 s3-bucket-12010321
2024-12-01 20:03:00 s3demosgbucketdemo
PS C:\Users\Ishika>
```

7. Test the configuration by running aws s3 ls to list available S3 buckets.
8. Ensure the AWS CLI is working correctly before proceeding to create stacks.