



AWS CLI



Table of Contents



- ▶ What is AWS CLI?
- ▶ Installing AWS CLI Locally
 - **Windows**
 - **Mac**
 - **Linux**
- ▶ Configuring AWS CLI
- ▶ Examples

CLI

Ultimate Goal = Accessing AWS and Resources

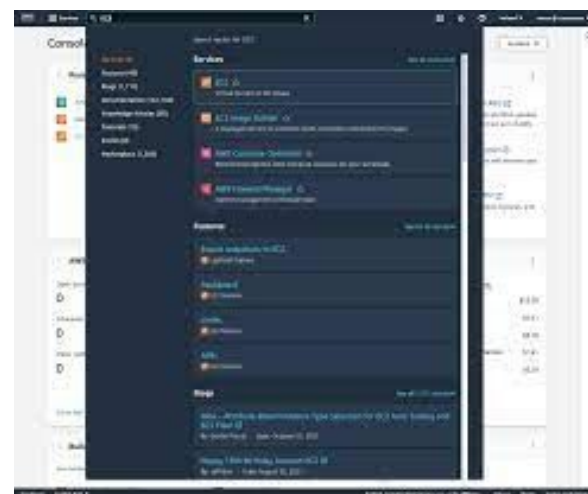
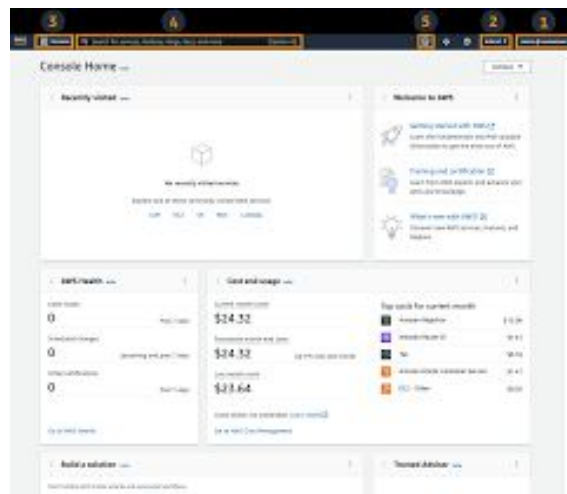


CLARUSWAY
WAY TO REINVENT YOURSELF

CLI

Option 1

AWS Management Console - Graphical User Interface **GUI**

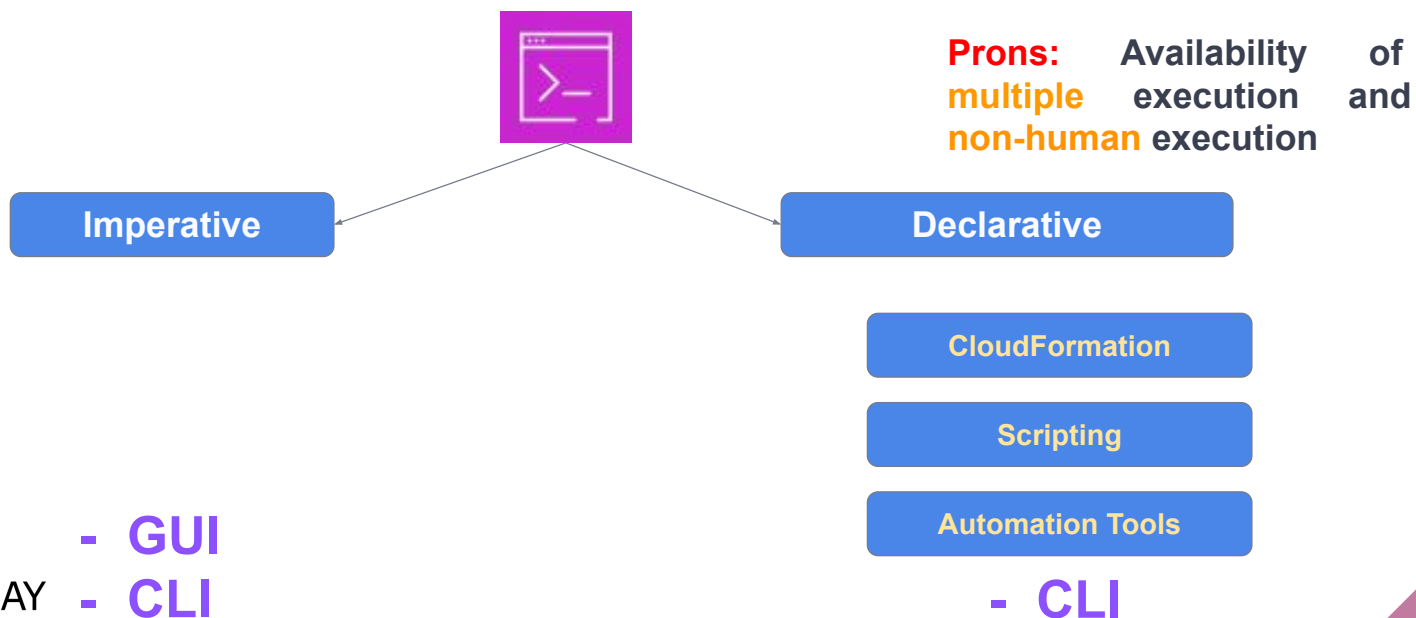


CLARUSWAY
WAY TO REINVENT YOURSELF

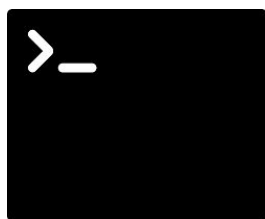


```
guile@LAPTOP-O4O3C63R: ~  
guile@LAPTOP-O4O3C63R:~$ aws --version  
aws-cli/2.0.30 Python/3.7.3 Linux/4.19.104-microsoft-standard botocore/2.0.0dev34  
guile@LAPTOP-O4O3C63R:~$ aws sts get-caller-identity  
Account: '046402772087'  
Arn: arn:aws:iam::046402772087:user/guile  
UserId: AIDAQVTOSDR35UH2MXX33  
guile@LAPTOP-O4O3C63R:~$ aws s3 ls  
2022-06-27 15:45:06 adu-helm  
2022-08-10 23:26:01 aduncan-auto-tfvar-bucket-0  
2022-08-10 23:26:01 aduncan-auto-tfvar-bucket-1  
2022-08-10 23:33:32 aduncan-auto-tfvar-bucket-2  
2020-08-25 22:11:59 cf-templates-5mfgdye7649f-eu-central-1  
2022-02-18 17:06:58 cf-templates-5mfgdye7649f-eu-west-1  
2021-04-03 01:13:30 cf-templates-5mfgdye7649f-sa-east-1  
2020-06-20 16:44:01 cf-templates-5mfgdye7649f-us-east-1  
2020-06-20 15:52:29 cf-templates-5mfgdye7649f-us-east-2  
2022-08-30 02:08:59 cf-templates-5mfgdye7649f-us-west-1  
2020-10-14 12:24:44 cf-templates-5mfgdye7649f-us-west-2
```

Why do we need CLI



CLI



Terminal



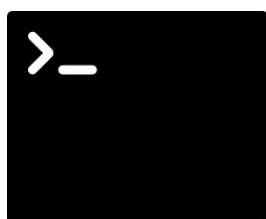
Install AWS CLI locally

CLI

Install AWS CLI on
any server



SSH



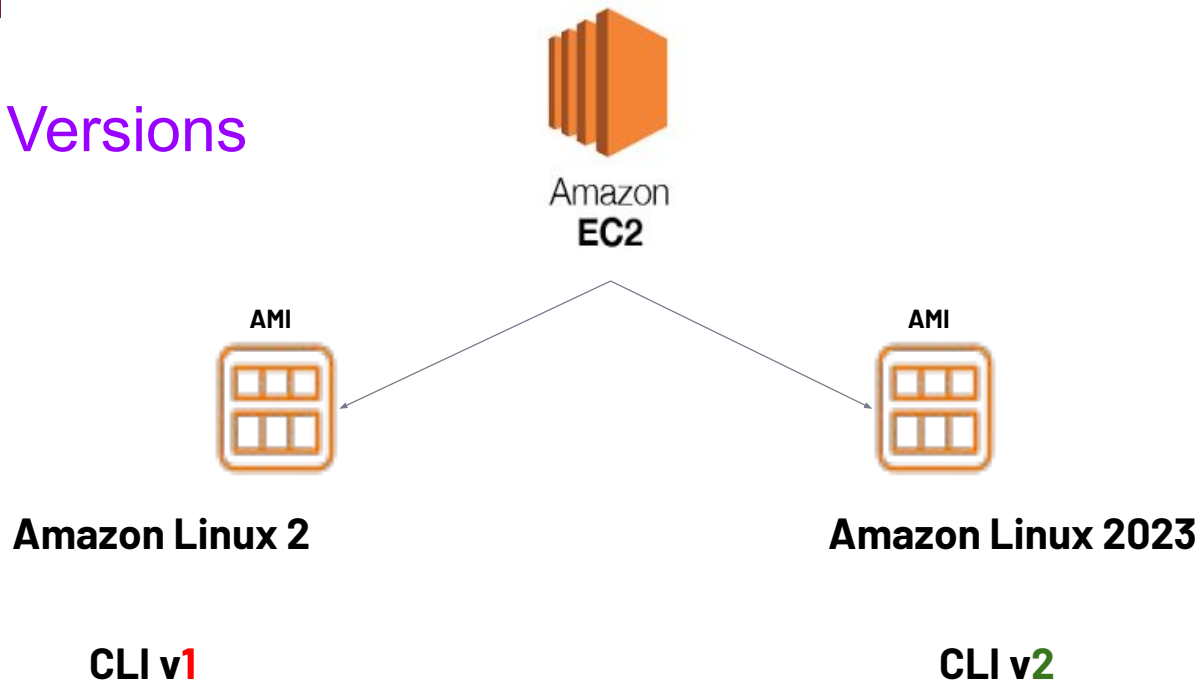
Terminal



Win/Mac/Linux/WSL/VM

CLI

CLI Versions



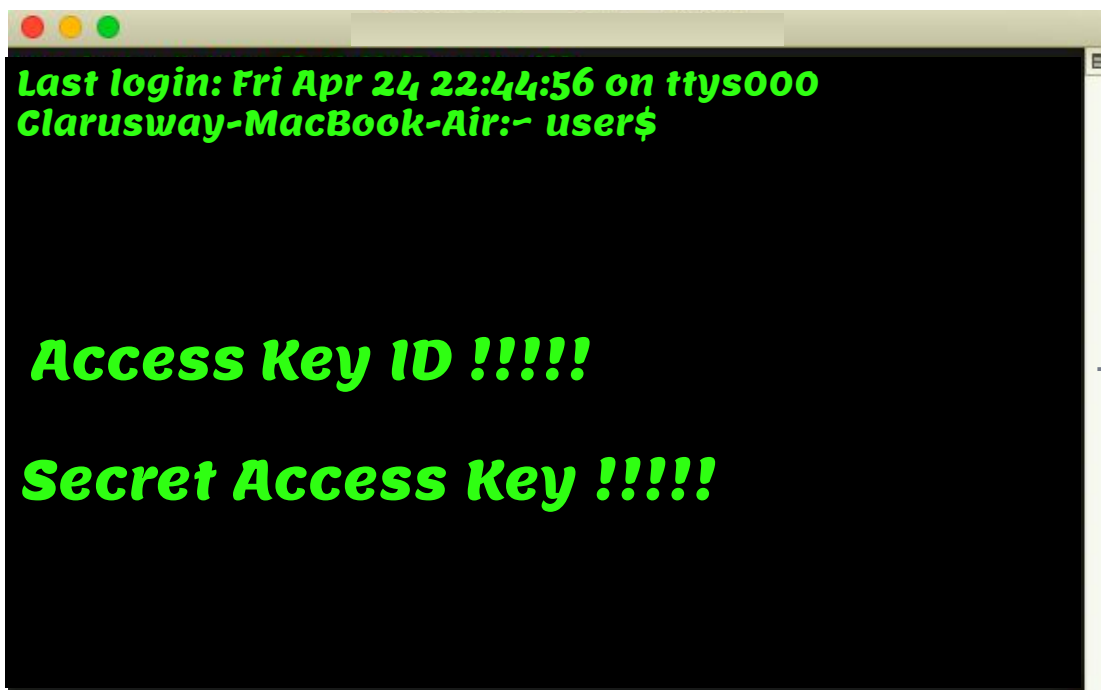
CLI

Sign in AWS Management Console Access

The screenshot shows the AWS Sign in page. The 'Root user' option is selected. The 'Root user email address' field is filled with 'osvaldo@clarusway.com'. The 'Next' button is visible at the bottom.

The screenshot shows the AWS Sign in page for an IAM user. The 'Sign in as IAM user' option is selected. The 'Account ID (12 digits) or account alias' field is filled with 'awsdevopsteam'. The 'IAM user name' field is filled with 'user-1'. The 'Password' field is filled with a masked password. The 'Sign in' button is visible at the bottom.

CLI



****ROOT USER**

IAM USER.

CLI



YOUR TERMINAL



**SECRET ACCESS KEY
ACCESS KEY ID**



AWS CLI

CLI- Install CLI

- Windows



Using

- PowerShell,
- Command Prompt,
- Git Bash

- Mac



Using

-Terminal

- Linux



Amazon Linux
2023

Using

-Terminal

*If you want to use CLI on WSL environment you also need to install CLI on WSL in addition to Windows

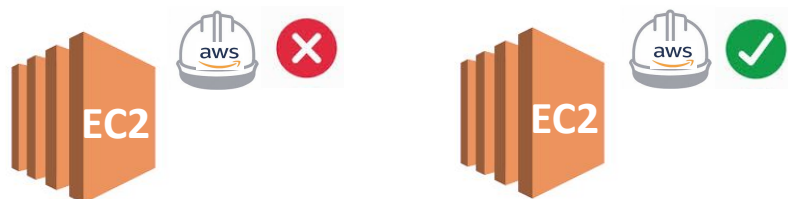
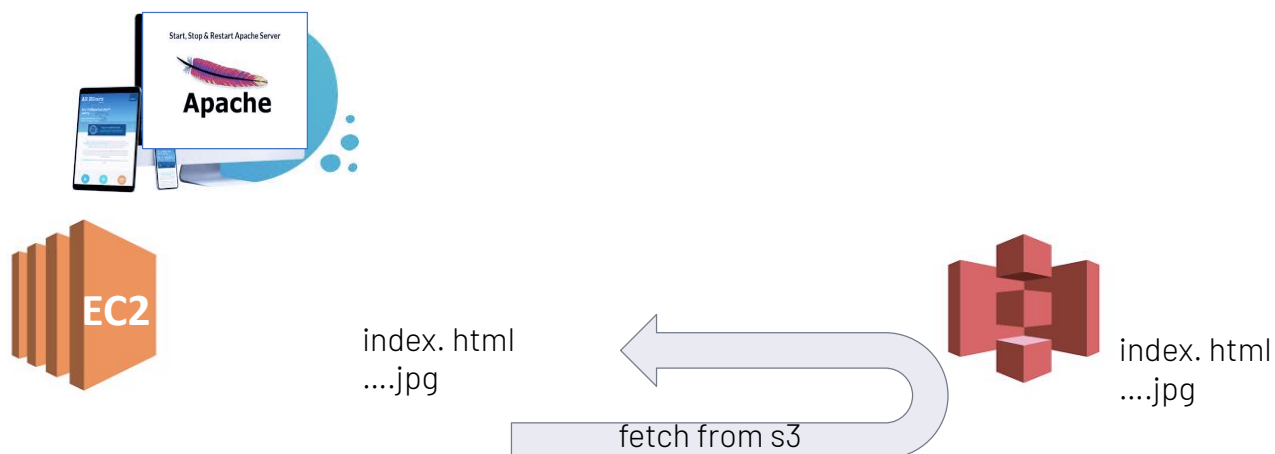
CLI- Create Keys for Configuring CLI



Access Key ID !!!!!

Secret Access Key !!!!!

CLI - Role vs. CLI



CLI - describe-instances command

describe-instances

--region <value>

--instance-ids <value>

- region us-east-1

Options
--filter

Name = **Defined in doc.**
Values = Specific to instance (**you define**)



Name = key-name
Values = osvaldo

--query <value>

Hierarchy

Reservations[.].

Instances[.].

PublicIpAddress[.]

CLI- Example

