AWS CLI

CLARUSWAY
WAY TO REINVENT YOURSELF

Table of Contents

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

CLARUSWAY
WAY TO REINVENT YOURSELF

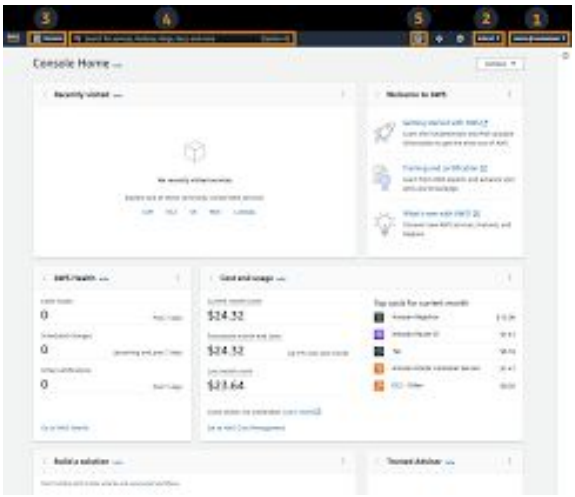
CLI

Ultimate Goal = Accessing AWS and Resources

CLI

Option 1

AWS Management Console - Graphical User Interface GUI



CLI

Option 2

AWS Command Line Interface CLI

```
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: AIDAQVTOSDR35UHZMWX33
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
```


CLI

Why do we need CLI

Imperative

Declarative

Prons: Availability of multiple execution and non-human execution

CloudFormation

Scripting

Automation Tools

- GUI
- CLI

- CLI

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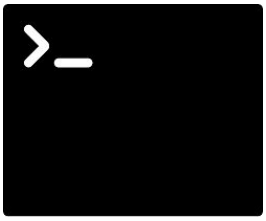


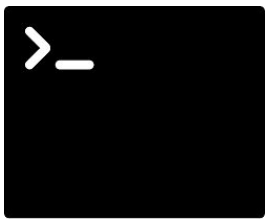
Terminal

Install AWS CLI locally

CLI

Install AWS CLI on any server

SSH

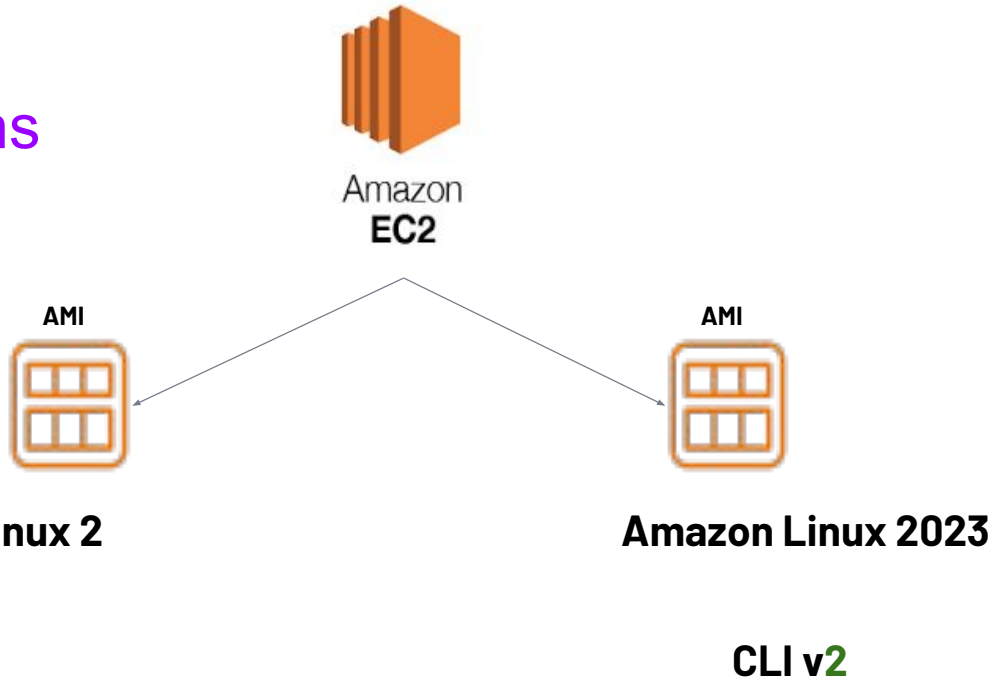


Terminal

Win/Mac/Linux/WSL/VM

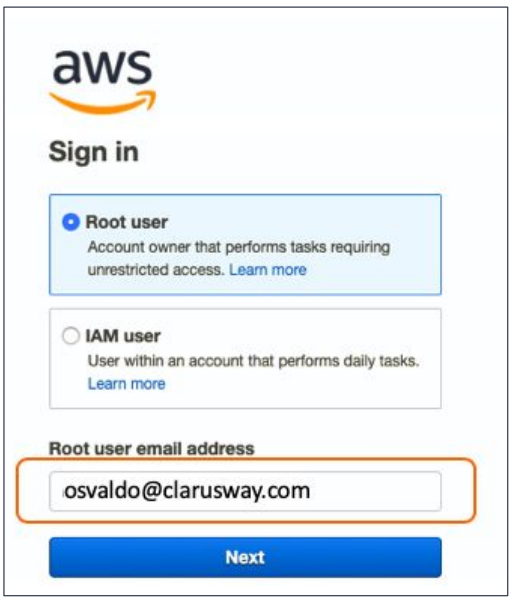
CLI

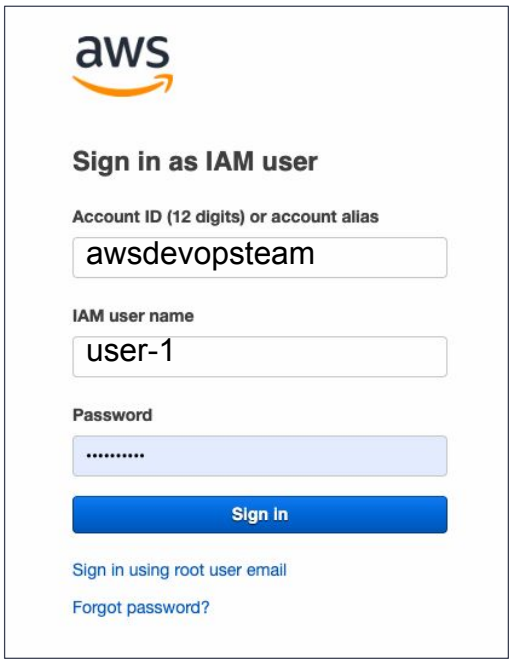
CLI Versions



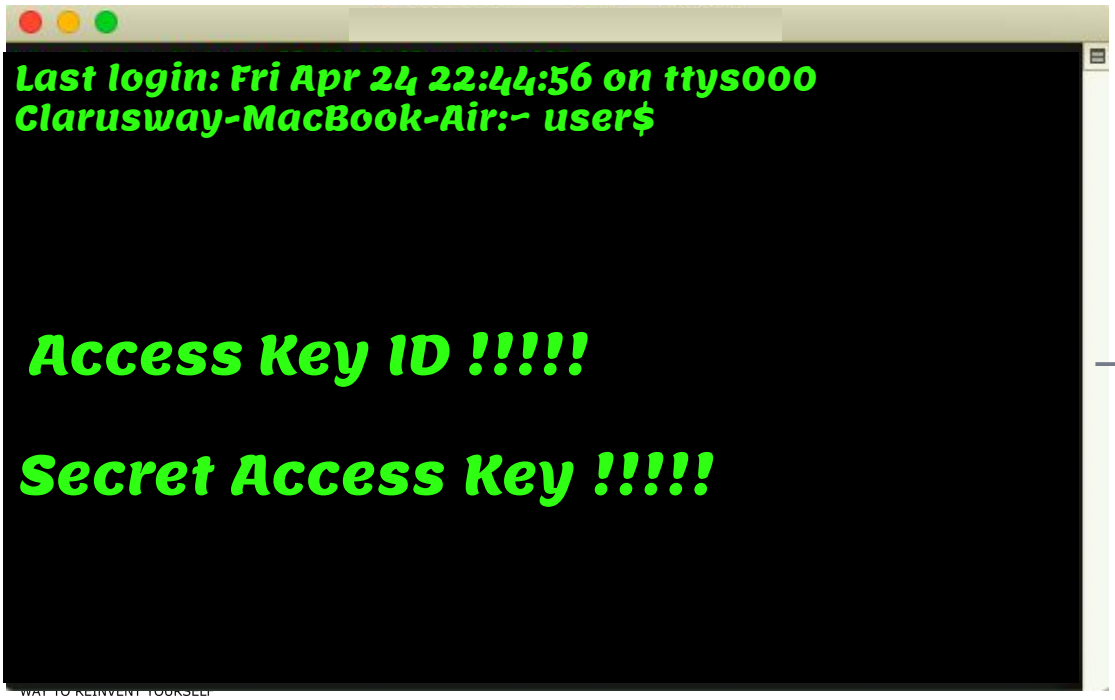
CLI

Sign in **AWS Management Console Access**





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

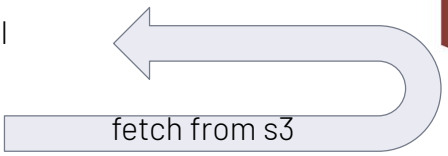
CLI- Create Keys for Configuring CLI

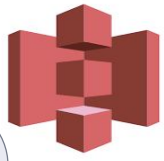
Access Key ID !!!!!

Secret Access Key !!!!!

CLI - Role vs. CLI

index. html
....jpg





index. html
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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**)

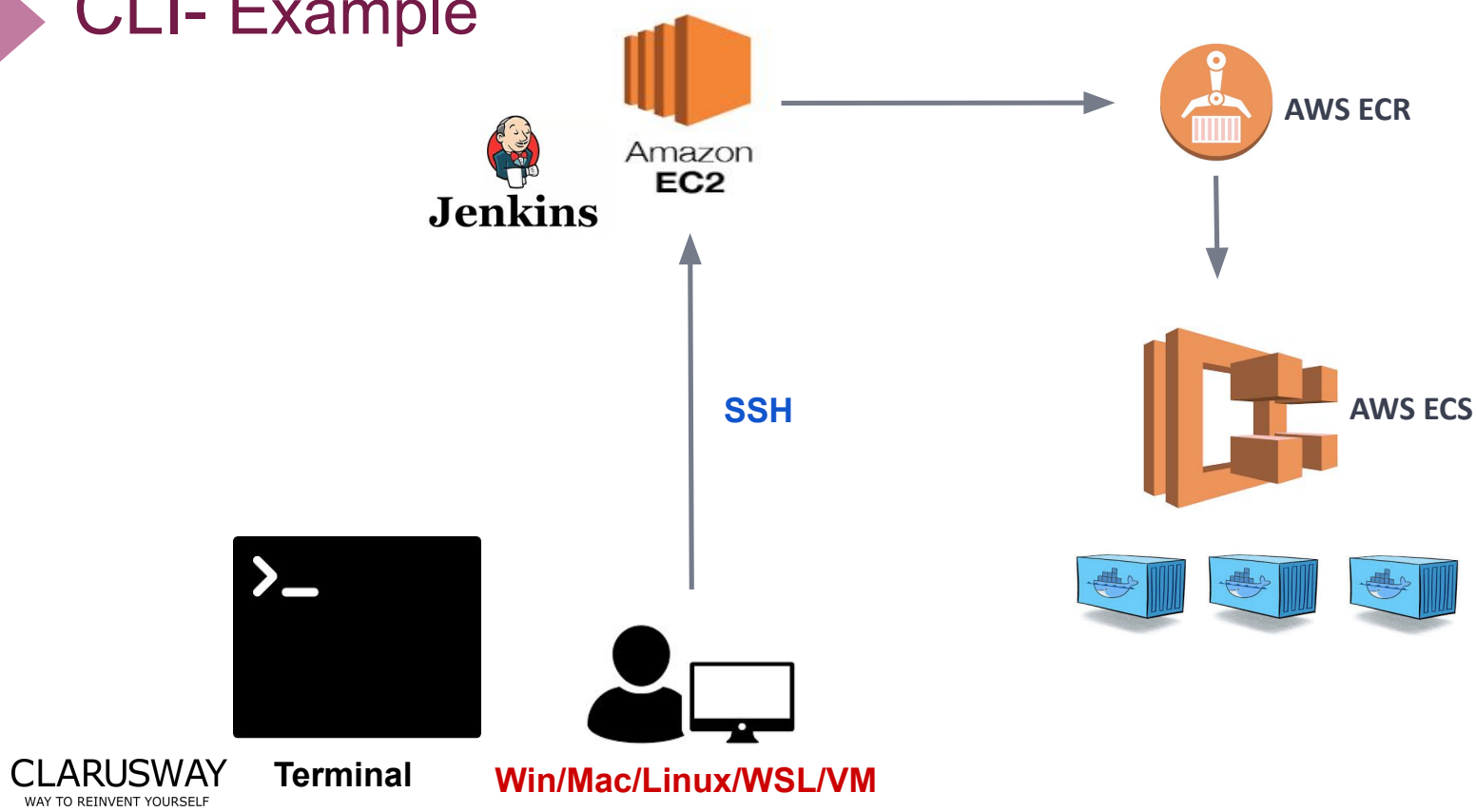
Name = key-name
Values = osvaldo

--query <value>

Hierarchy

Reservations[ ].
Instances[ ].
PublicIpAddress[ ]

CLI- Example


Jenkins
Amazon
EC2
AWS ECR
AWS ECS
SSH
Terminal
Win/Mac/Linux/WSL/VM