



# AWS CLI





# Table of Contents

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

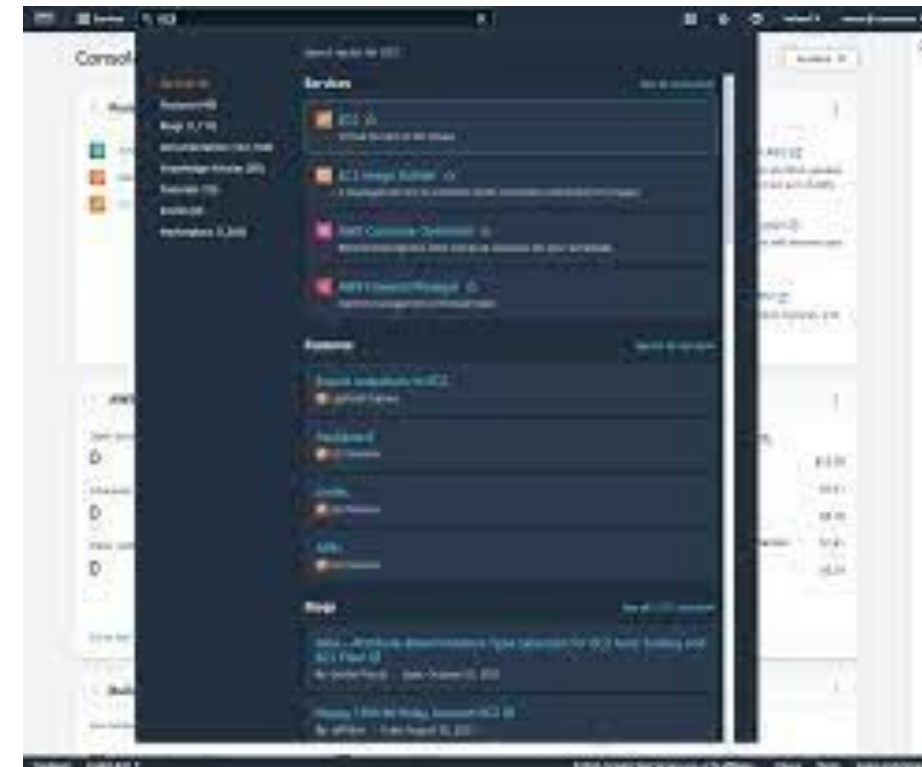
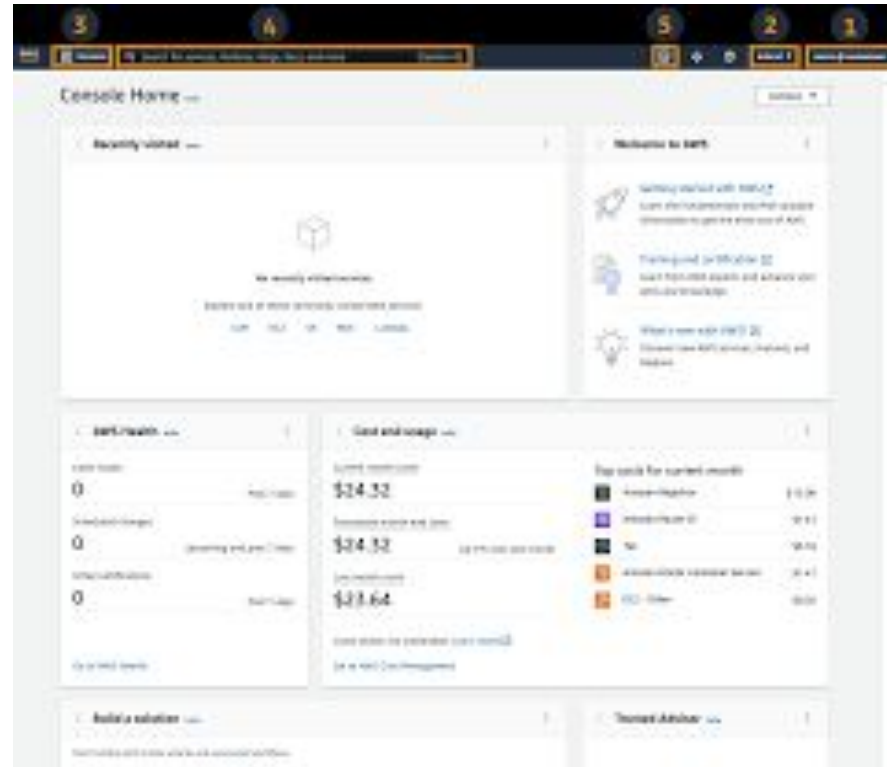
# CLI



Ultimate Goal = Accessing AWS and Resources



# GUI

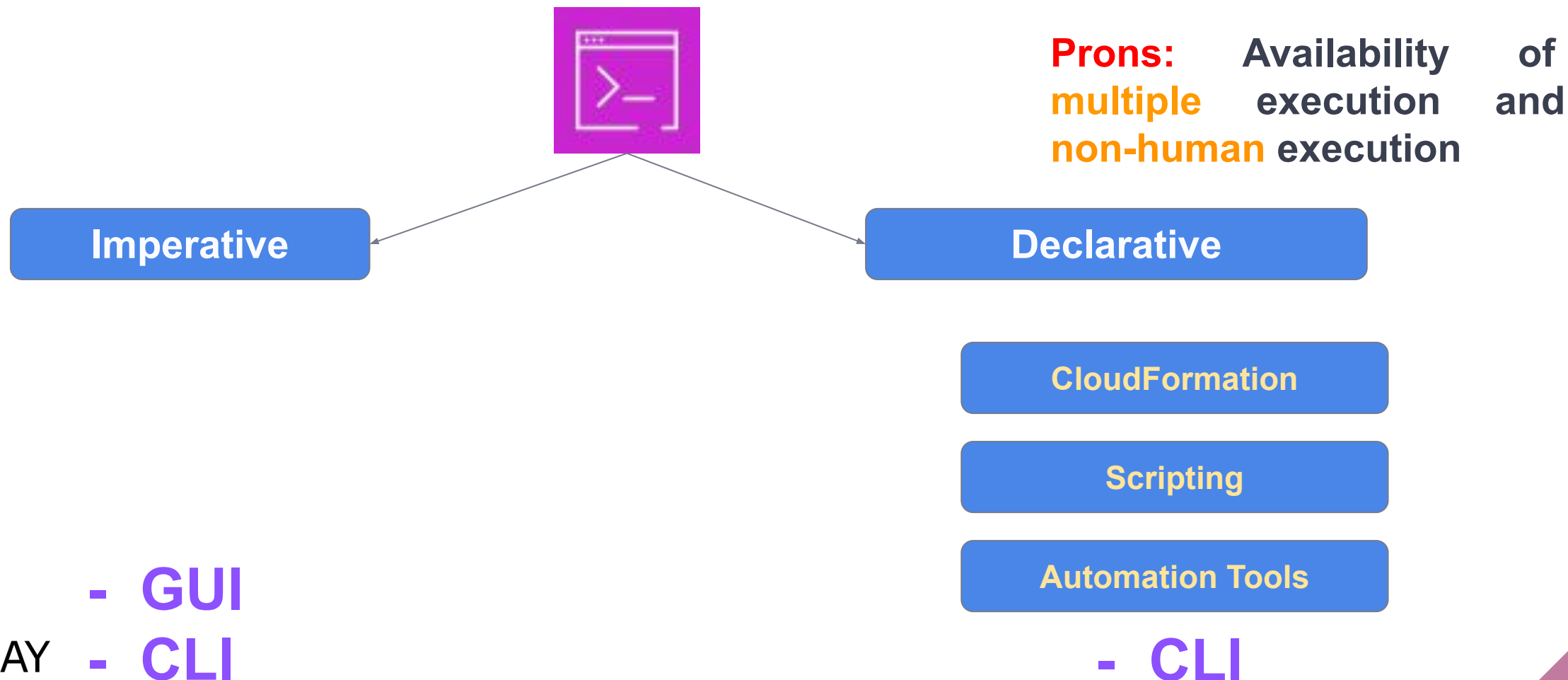




```
guile@LAPTOP-O4O3C63R: ~  
guile@LAPTOP-O4O3C63R:~$ aws --version  
aws-cli/2.0.30 Python/3.7.3 Linux/4.19.104-microsoft-standard botocore/2.0.0dev34  
guile@LAPTOP-O4O3C63R:~$ aws sts get-caller-identity  
Account: '046402772087'  
Arn: arn:aws:iam::046402772087:user/guile  
UserId: AIDAQVTOSDR35UHZMWX33  
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
```



## Why do we need CLI







**Imperative**



**Declarative**



**Scenario**

# CLI



Terminal



Install AWS CLI locally



# CLI

Install AWS CLI on  
any server

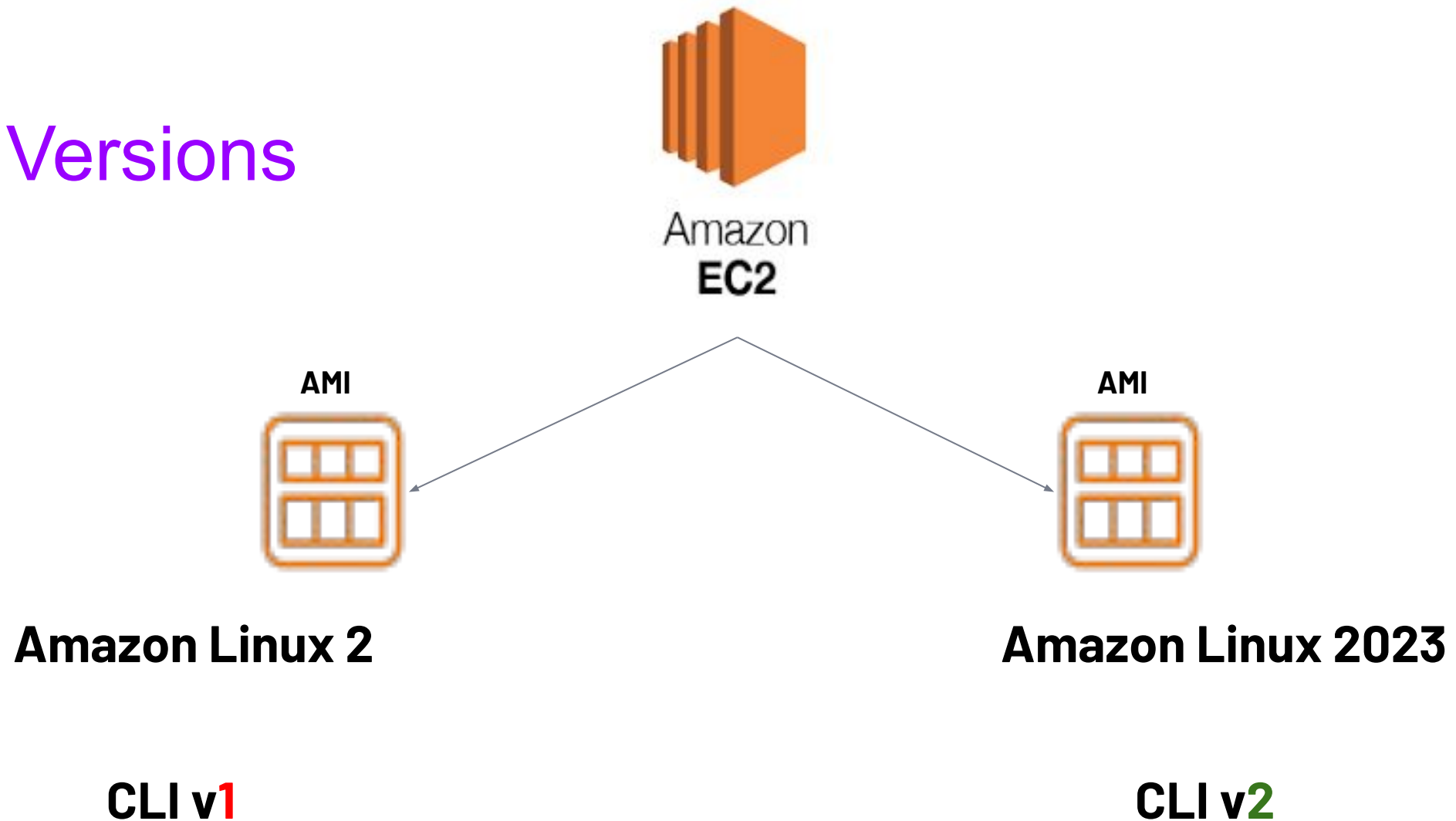


SSH



# CLI

## CLI Versions





## Sign in AWS Management Console Access

**aws**

**Sign in**

☒ **Root user**  
Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☐ **IAM user**  
User within an account that performs daily tasks. [Learn more](#)

**Root user email address**

**Next**

**aws**

**Sign in as IAM user**

Account ID (12 digits) or account alias

IAM user name

Password

**Sign In**

[Sign in using root user email](#)

[Forgot password?](#)



**Last login: Fri Apr 24 22:44:56 on ttys000**  
**Clarusway-MacBook-Air:~ user\$**

**Access Key ID !!!!!**

**Secret Access Key !!!!!**

**\*\*ROOT USER**

**IAM USER.**



**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

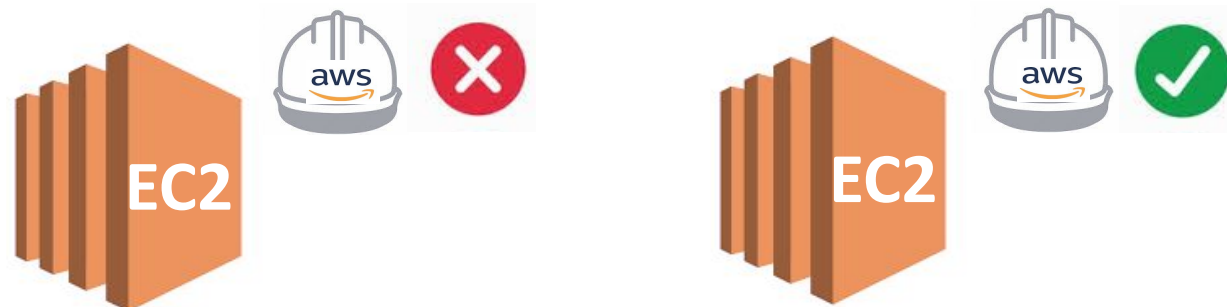
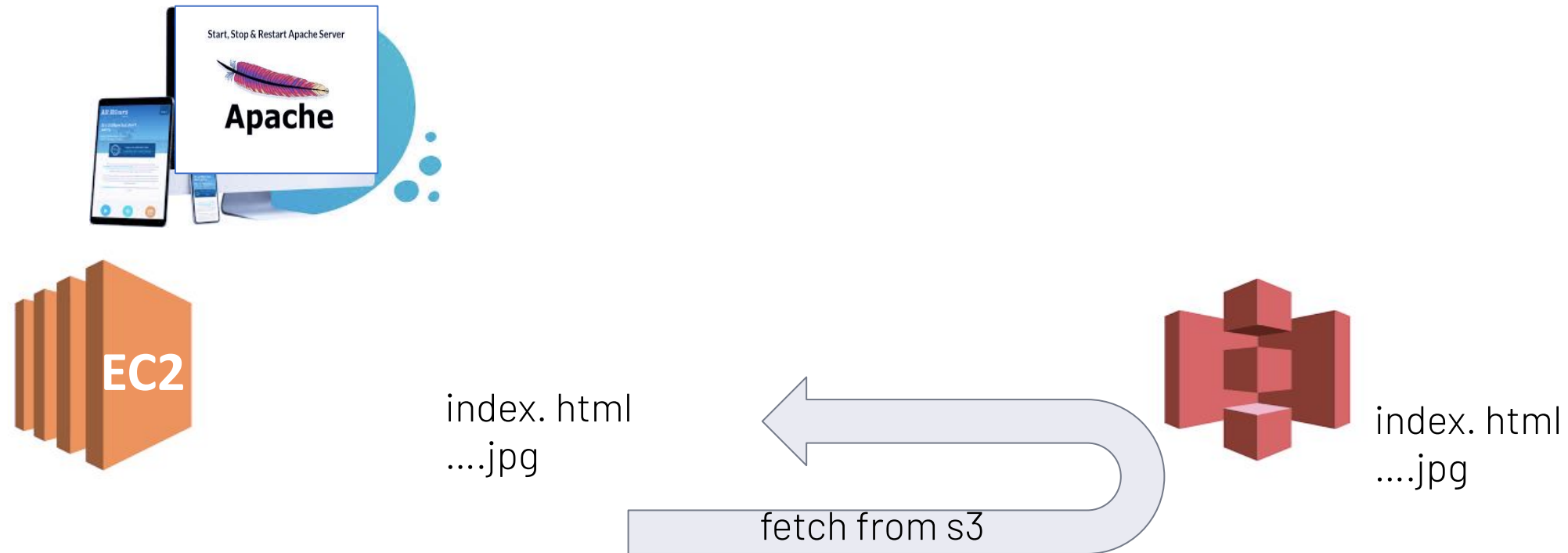


***Access Key ID !!!!!***

***Secret Access Key !!!!!***



# CLI - Role vs. CLI



# CLI - describe-instances command



## describe-instances

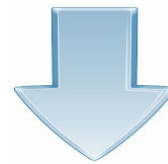
**--region <value>**

**--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

