



AWS CLI





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CLI



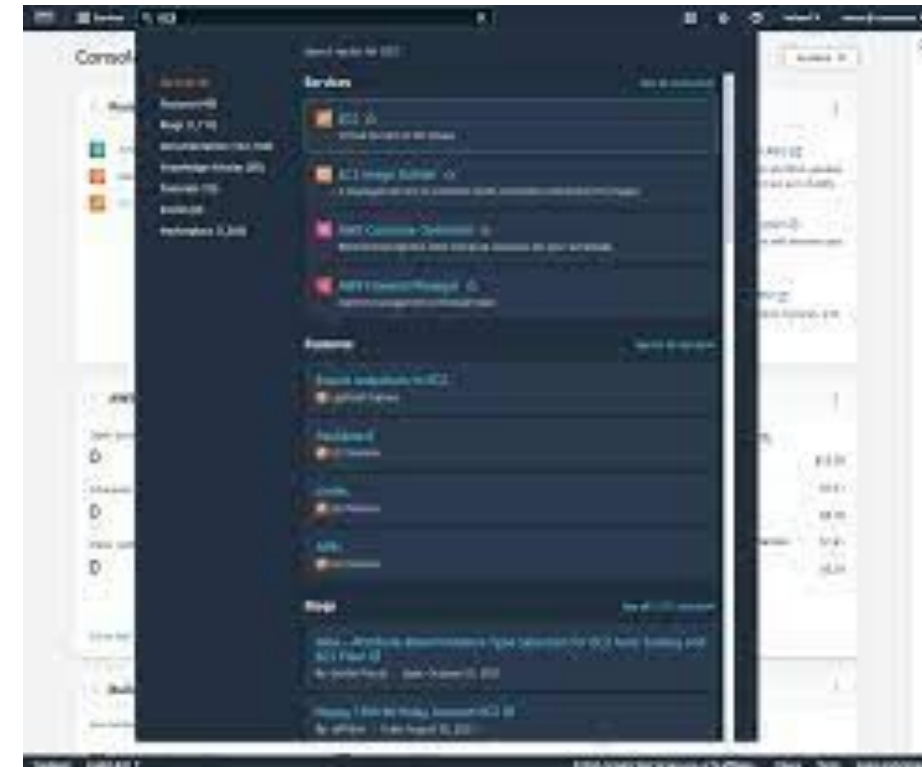
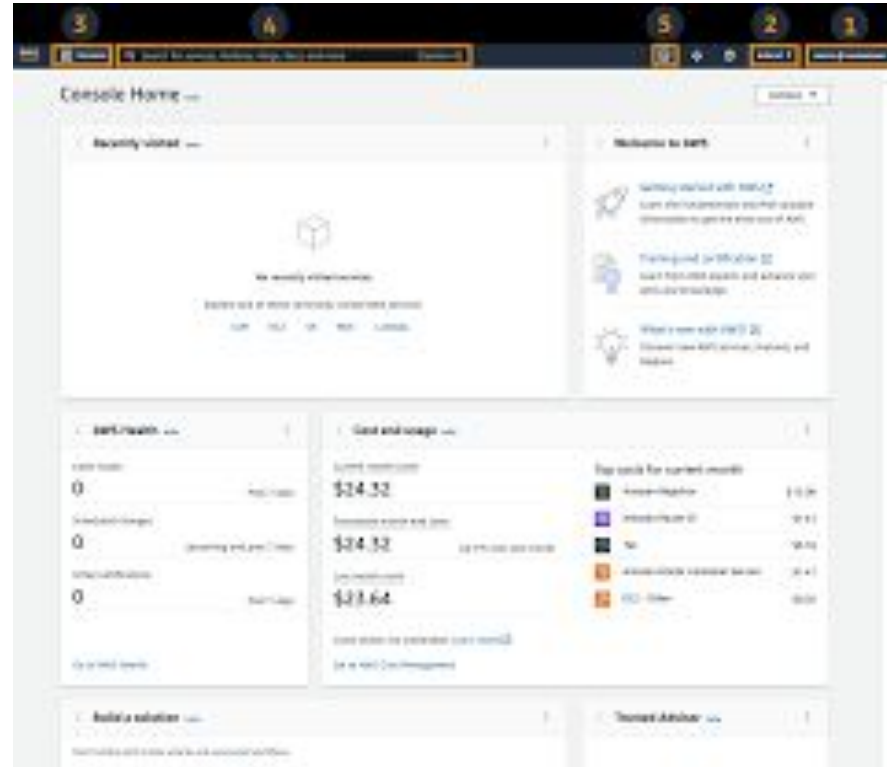
Ultimate Goal = Accessing AWS and Resources



CLI

Option 1

AWS Management Console - Graphical User Interface GUI

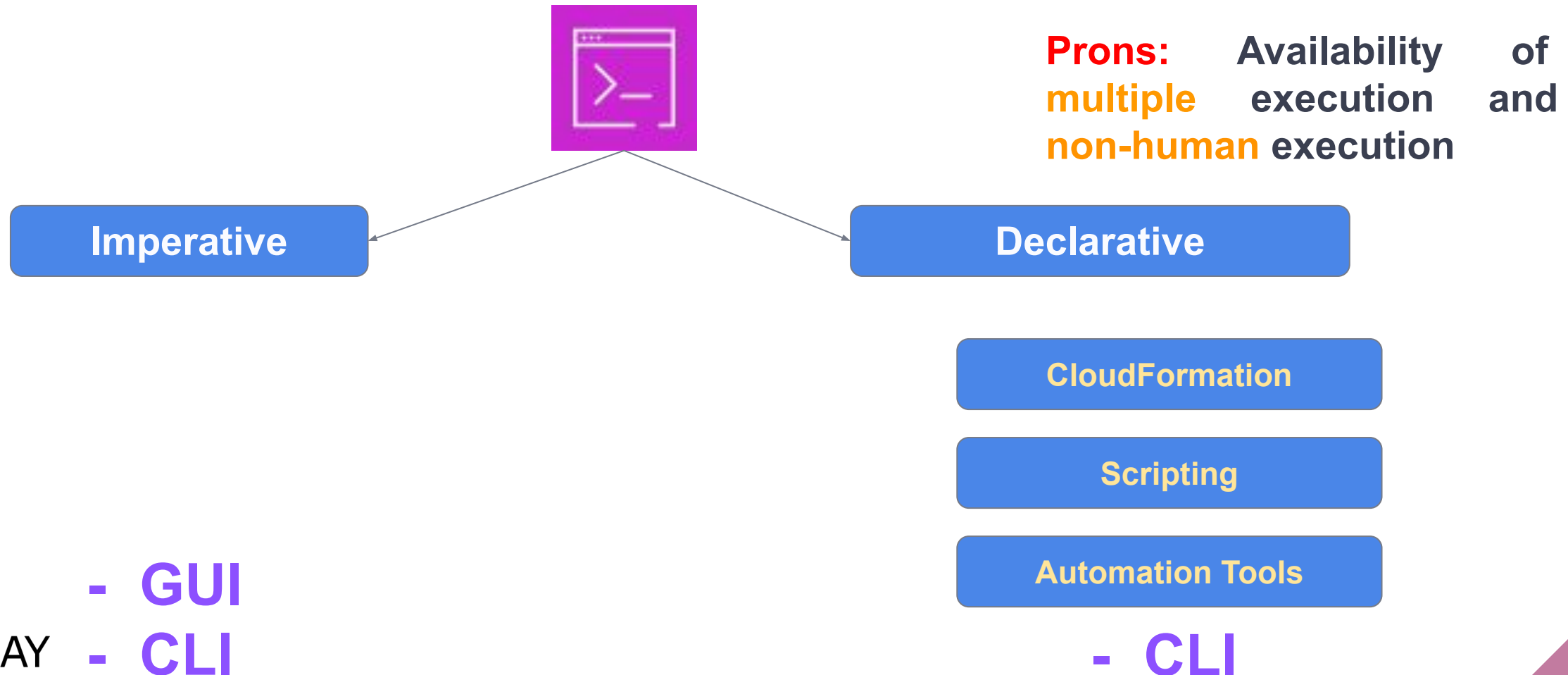




```
guile@LAPTOP-O4O3C63R: ~  
guile@LAPTOP-O4O3C63R:~$ aws --version  
aws-cli/2.0.30 Python/3.7.3 Linux/4.19.104-microsoft-standard botocore/2.0.0dev34  
guile@LAPTOP-O4O3C63R:~$ aws sts get-caller-identity  
Account: '046402772087'  
Arn: arn:aws:iam::046402772087:user/guile  
UserId: AIDAQVTOSDR35UHZMWX33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



CLI



Terminal



Install AWS CLI locally

CLI

Install AWS CLI on
any server

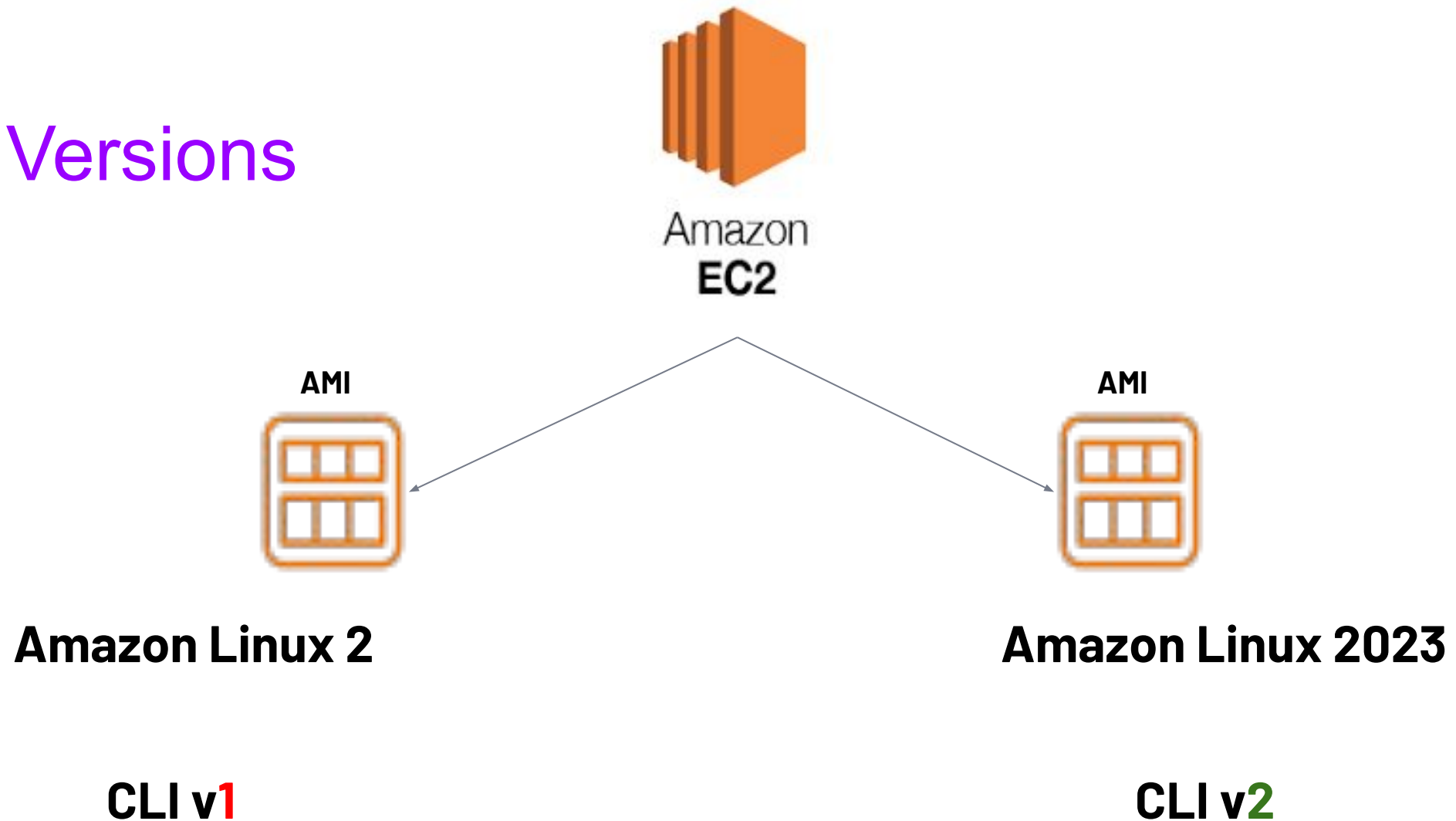


SSH



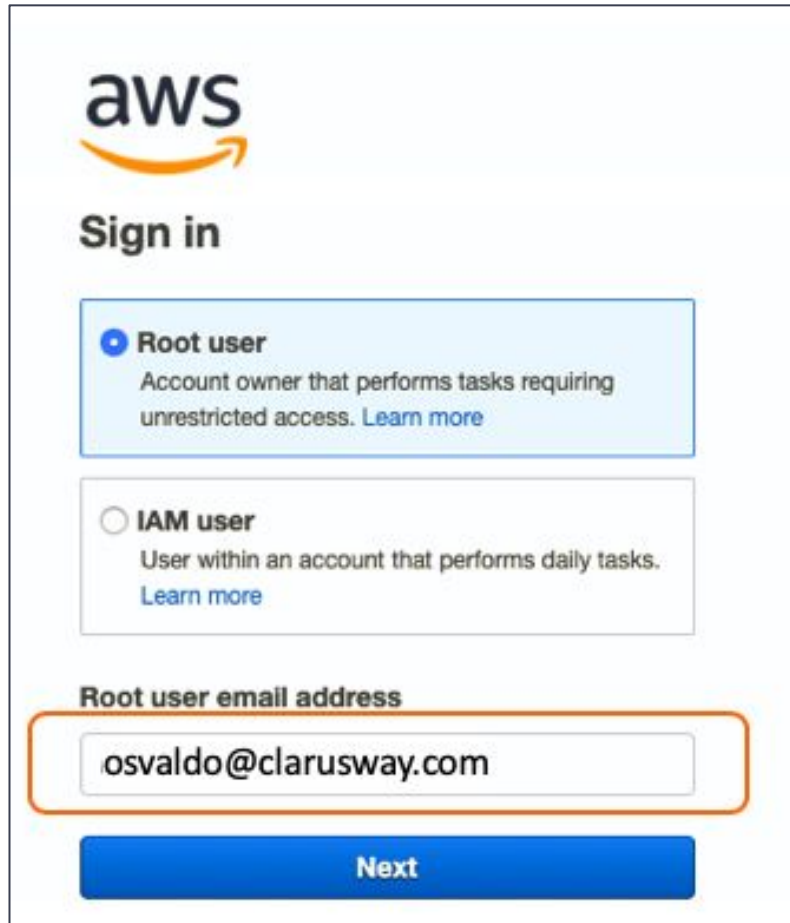
CLI

CLI Versions





Sign in AWS Management Console Access



The AWS Sign in screen displays the AWS logo and the text "Sign in". Below this, there are two radio button options: "Root user" (selected) and "IAM user". The "Root user" option includes a description: "Account owner that performs tasks requiring unrestricted access. [Learn more](#)". The "IAM user" option includes a description: "User within an account that performs daily tasks. [Learn more](#)". Below these options, there is a section labeled "Root user email address" with a text input field containing "osvaldo@clarusway.com". A blue "Next" button is located at the bottom of the form.

aws

Sign in

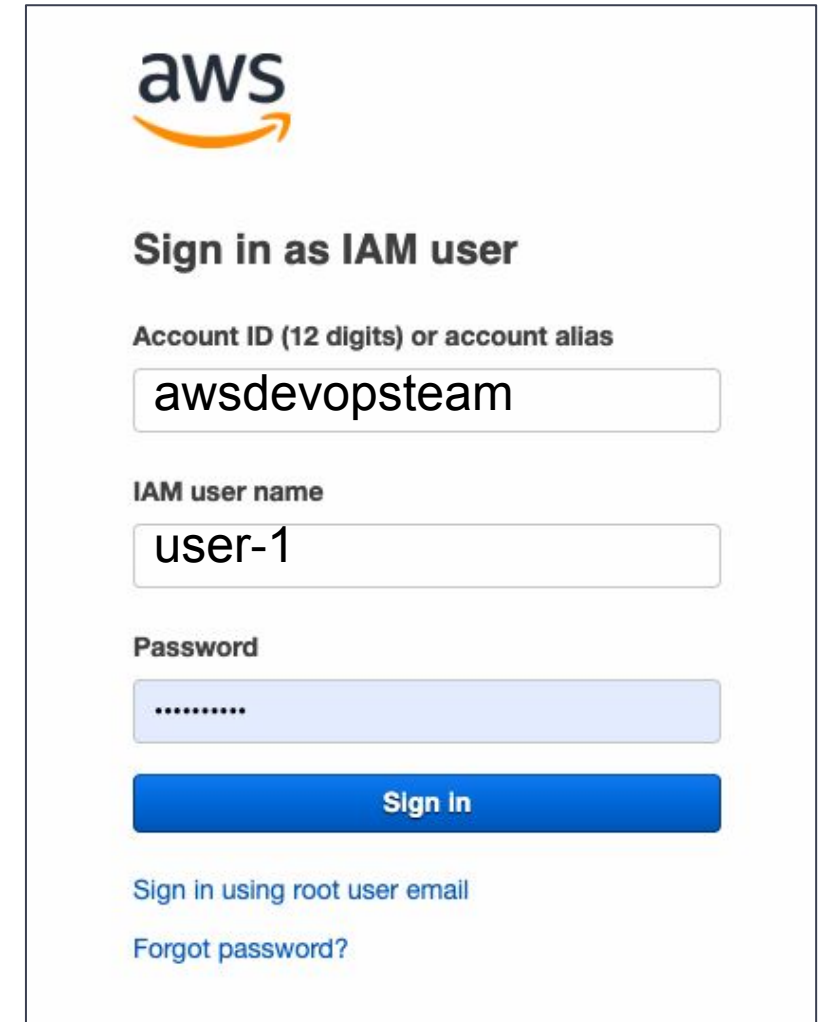
☒ **Root user**
Account owner that performs tasks requiring unrestricted access. [Learn more](#)

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

Root user email address

osvaldo@clarusway.com

Next



The "Sign in as IAM user" screen displays the AWS logo and the text "Sign in as IAM user". Below this, there is a section labeled "Account ID (12 digits) or account alias" with a text input field containing "awsdevopsteam". Below this, there is a section labeled "IAM user name" with a text input field containing "user-1". Below this, there is a section labeled "Password" with a text input field containing ".....". A blue "Sign In" button is located below the password field. At the bottom of the screen, there are two links: "Sign in using root user email" and "Forgot password?".

aws

Sign in as IAM user

Account ID (12 digits) or account alias

awsdevopsteam

IAM user name

user-1

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

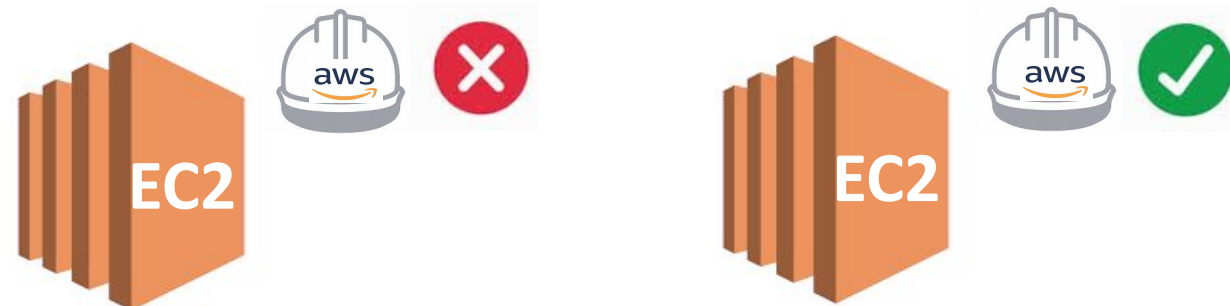
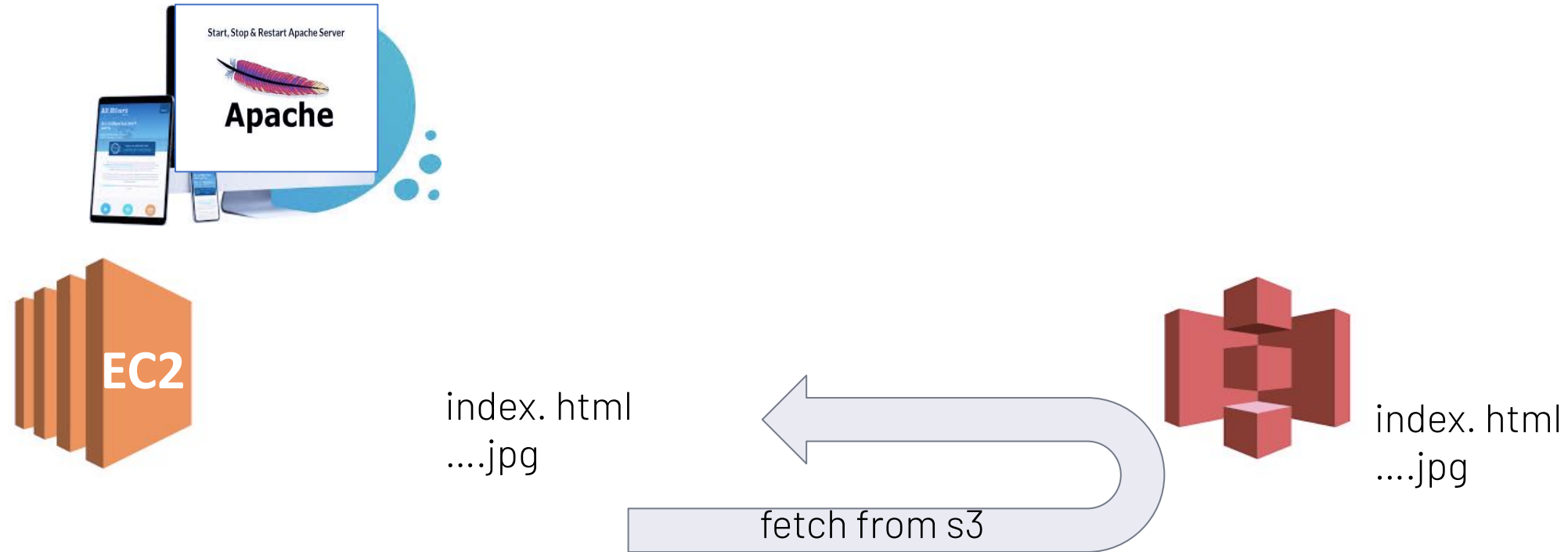
CLI- Create Keys for Configuring CLI



Access Key ID !!!!!

Secret Access Key !!!!!

CLI - Role vs. CLI



CLI - describe-instances command



describe-instances

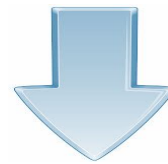
--region <value>

--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

