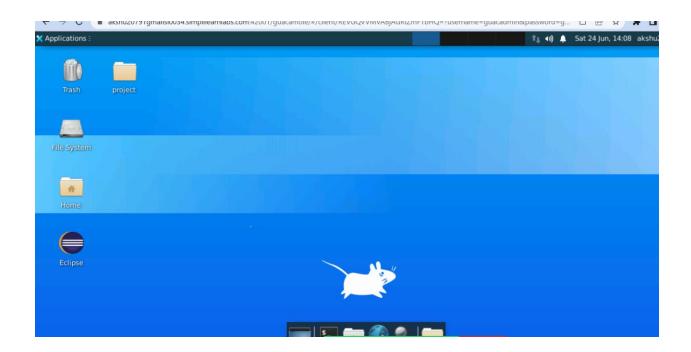
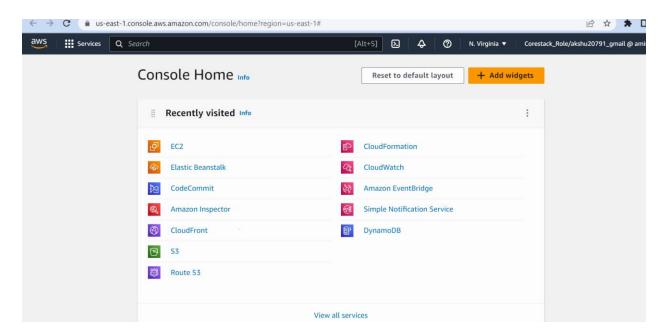
Terraform: Infrastructure as a code service

## Launch aws and Devops in aws v2 machine





https://developer.hashicorp.com/terraform/downloads

## Go to ubuntu machine:

wget -O- https://apt.releases.hashicorp.com/gpg | sudo gpg --dearmor -o /usr/share/keyrings/hashicorp-archive-keyring.gpg

echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com \$(Isb\_release -cs) main" | sudo tee /etc/apt/sources.list.d/hashicorp.list

sudo apt update && sudo apt install terraform

terraform –version

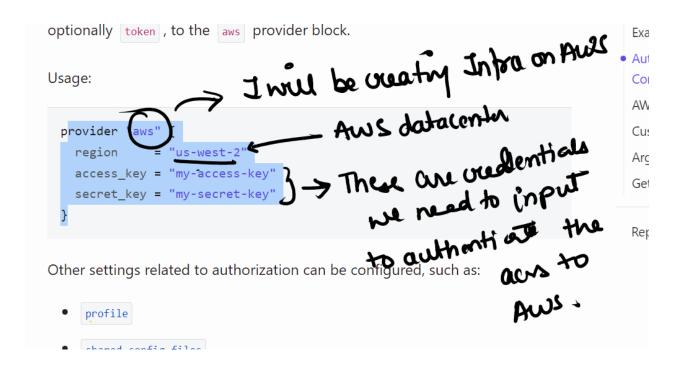
```
akshu20791gmail@ip-172-31-83-7:~$ terraform --version
Terraform v1.5.1
on linux_amd64
```

Lets create a directory where we will work

```
$ mkdir akshatdir
```

```
akshu20791gmail@ip-172-31-83-7:~$ cd akshatdir
akshu20791gmail@ip-172-31-83-7:~/akshatdir$
```

Open: <a href="https://registry.terraform.io/providers/hashicorp/aws/latest/docs">https://registry.terraform.io/providers/hashicorp/aws/latest/docs</a> these are complete documentation of any resource u want to create in terraform



In the terminal of your ubuntu machine:

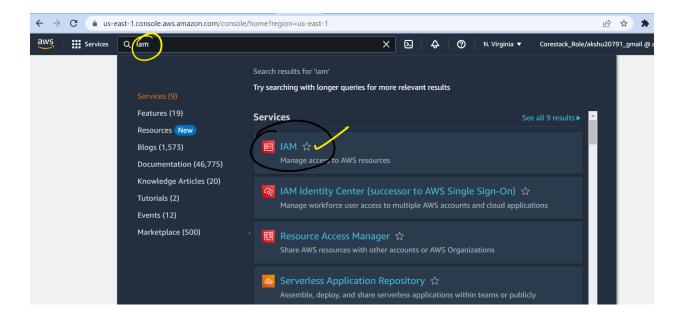
```
Provider "aws" {
    region = "us-east-1" #by default the resources would be created in north virginia of aws account
    access_key = "my-access-key"
    secret_key = "my-secret-key"
}

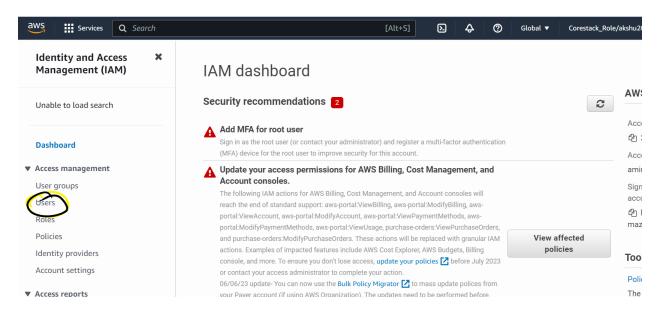
But from where

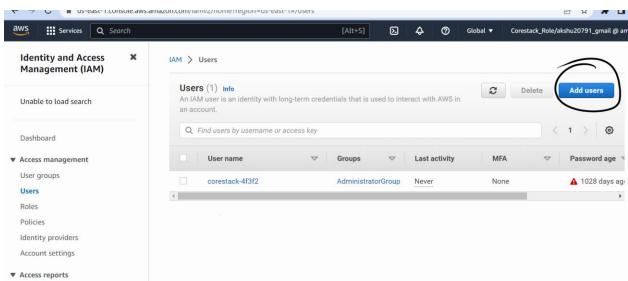
my across key & secret ky

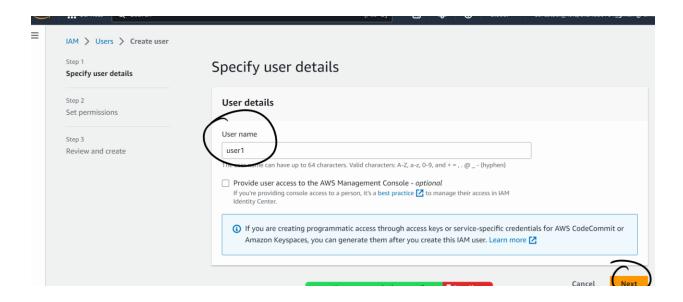
will come ? ?
```

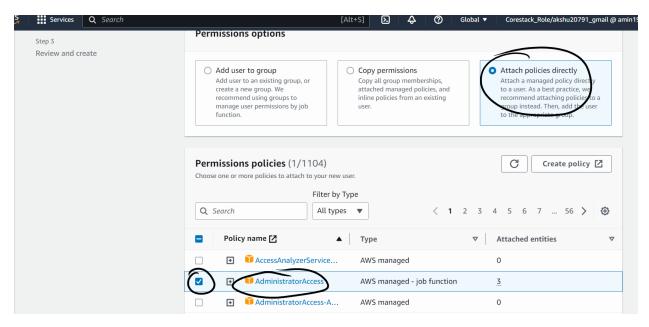
To get access key and secret access key ...go to your aws account





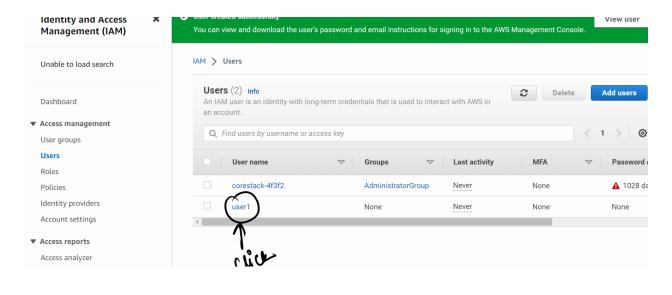


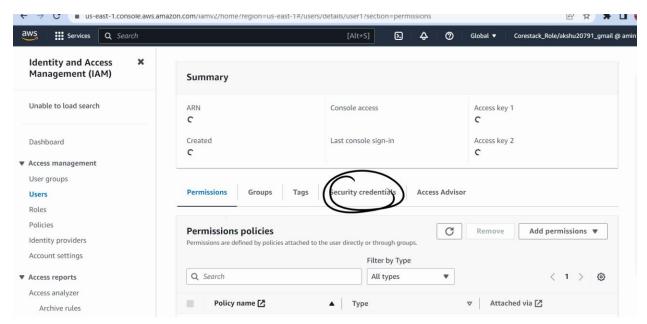




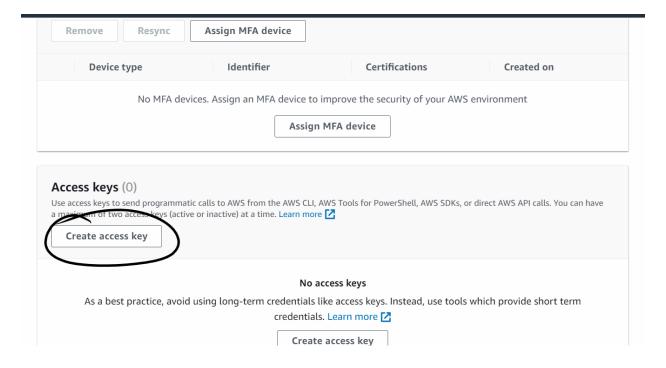
Next

Create the user



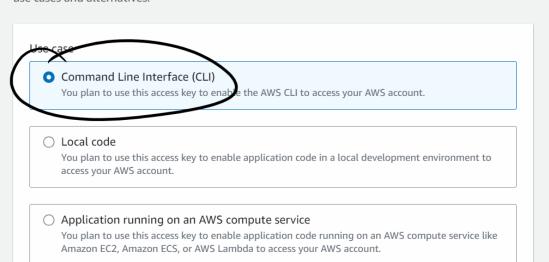


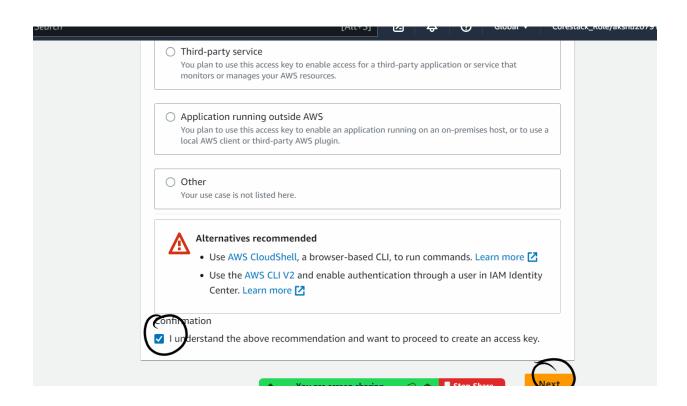
Scroll down

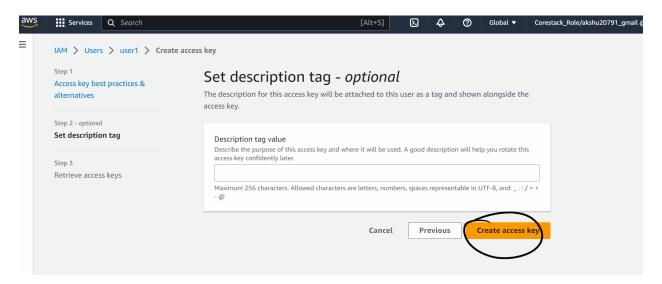


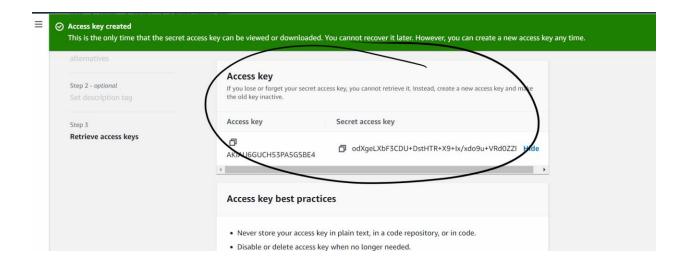
## Access key best practices & alternatives

Avoid using long-term credentials like access keys to improve your security. Consider the following use cases and alternatives.









Now copy them one by one and paste it in your code

```
File Edit View Search Terminal Help

provider "aws" {

region = "us-east-1" #by default the resources would be created in north virginia of aws account access key = "AKIAU6GUCH53PA5GSBE4"

secret_key = "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"

}

Paste account help

paste account hel
```

Save and quit press esc :wq