Project: create a simple project creating AWS RDS db instance using terraform resource.

1. Create a ubuntu server

I. launch instance and give name ubuntu.

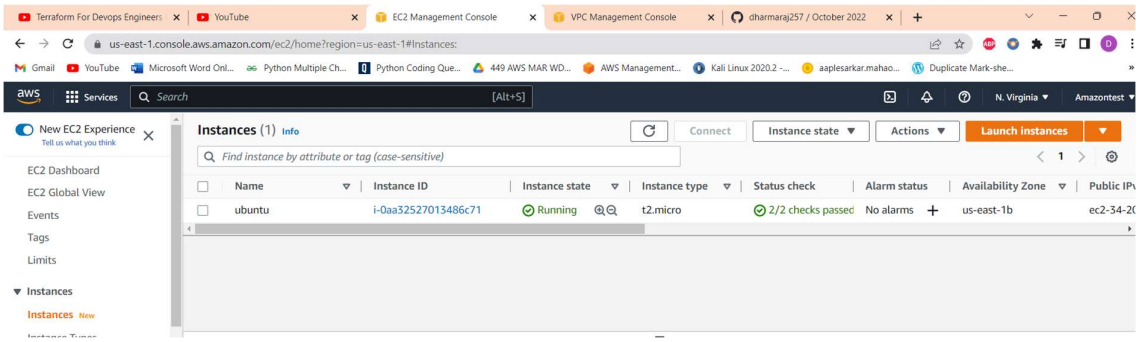
ii. select ubuntu and t2. micro-CPU

iii. download a new keypair.

iv. select default VPC

v. In security group allows ssh, https and http allow anywhere.

vi. launch instance.



2. Log in to the ubuntu server using putty

I. copy the public IPv4 and paste on the putty.

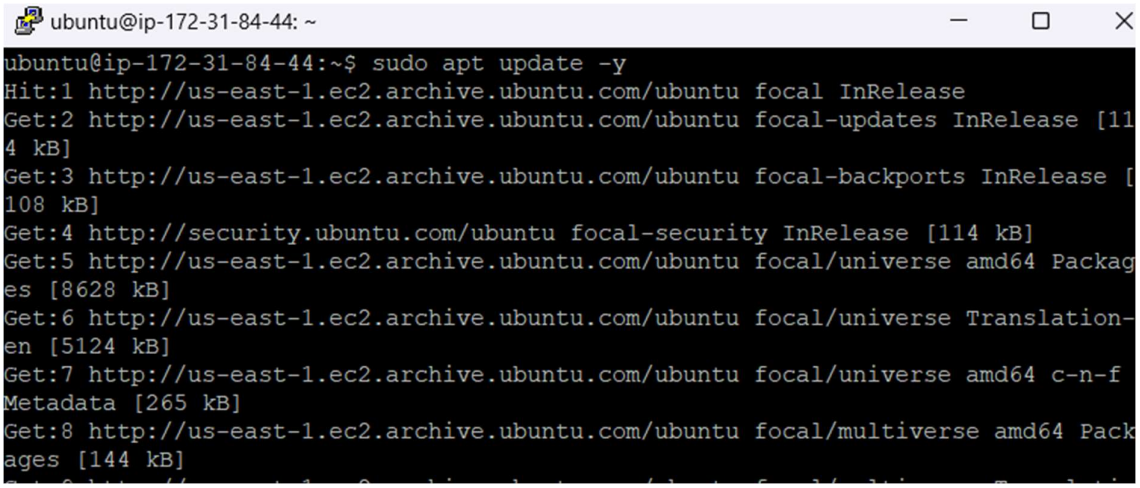
II. Select ssh and go to the authentication and upload the ppk file

III. Then put password ubuntu and log in.

3. Update the server

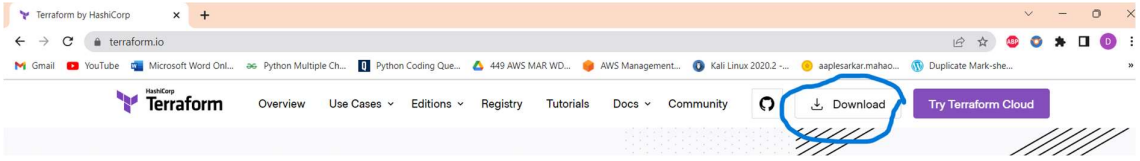
I. use to update server use command

II. Sudo apt update -y

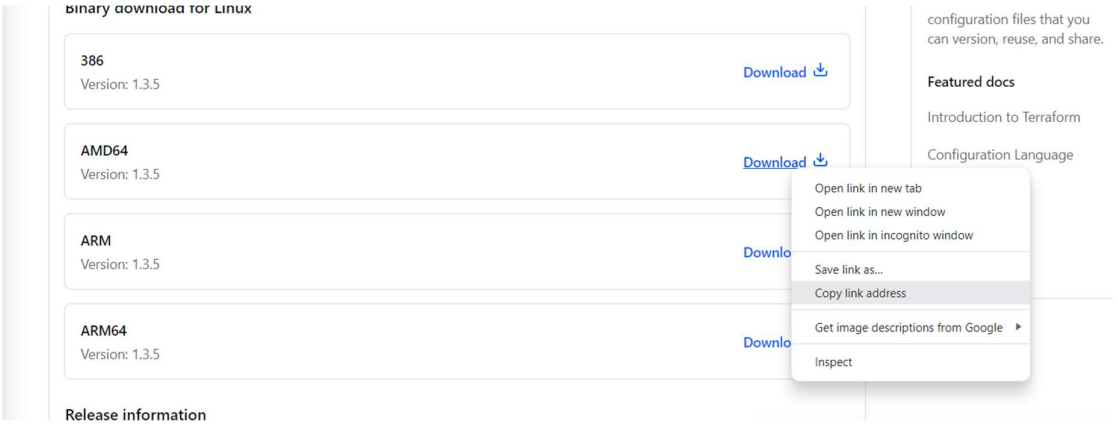


4. Install the terraform on the server.

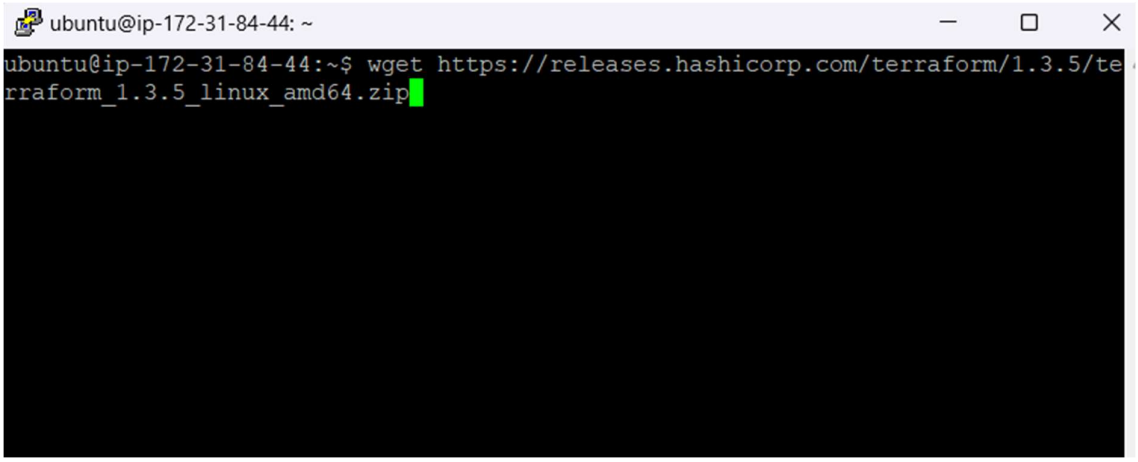
I. visit https://www.terraform.io/ and click the download button



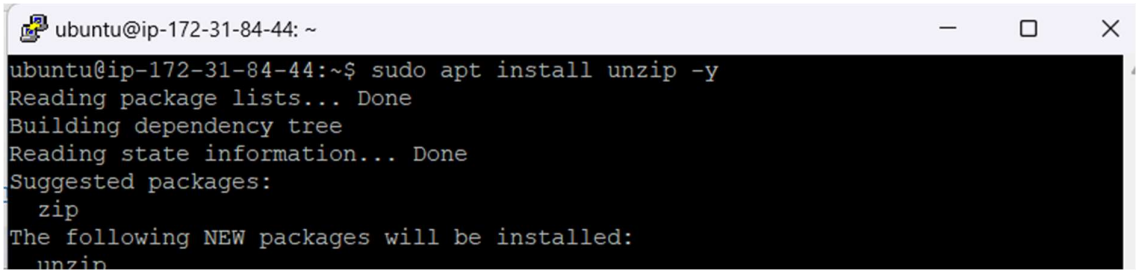
II. select Linux amd64 and copy the link address



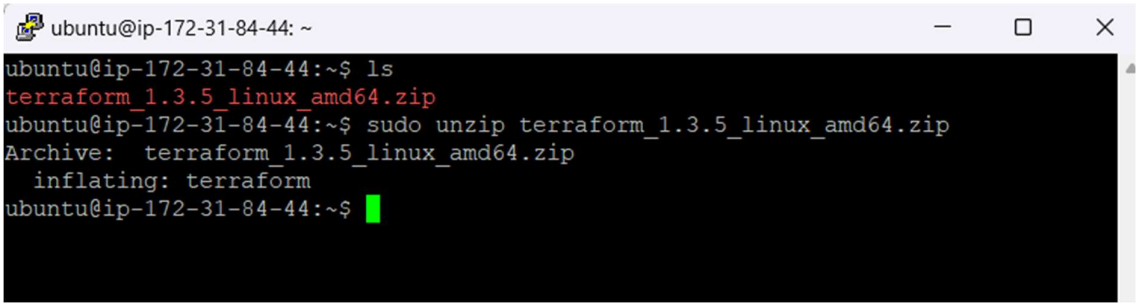
III. Paste on the server wget
https://releases.hashicorp.com/terraform/1.3.4/terraform_1.3.4_linux_amd64.zip



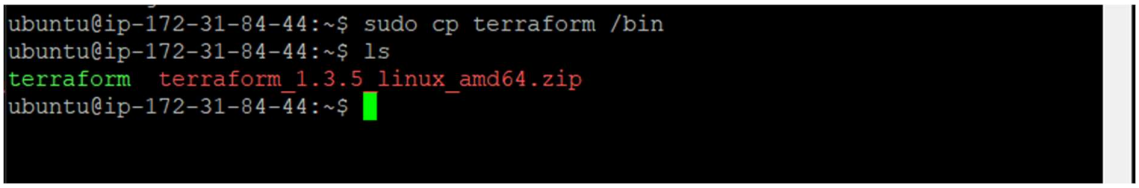
IV. Sudo apt install unzip -y



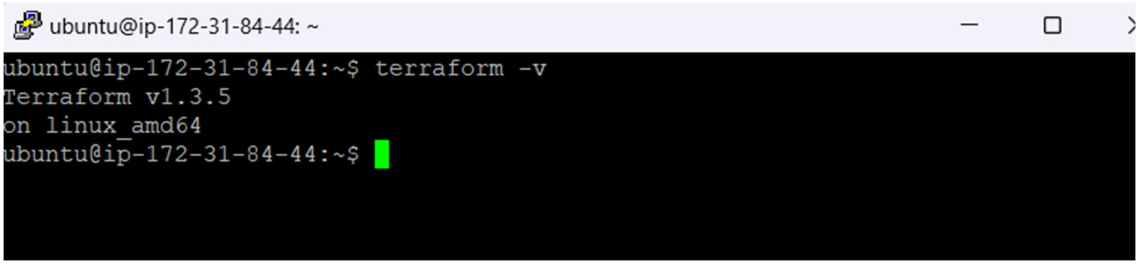
V. Sudo unzip terraform_1.3.4_linux_amd64.zip



VI. Sudo cp terraform /bin

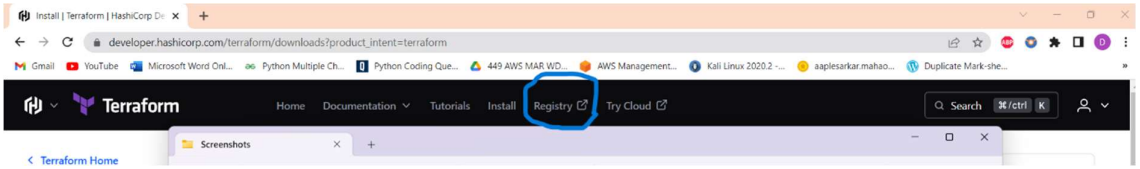


VII. terraform -v

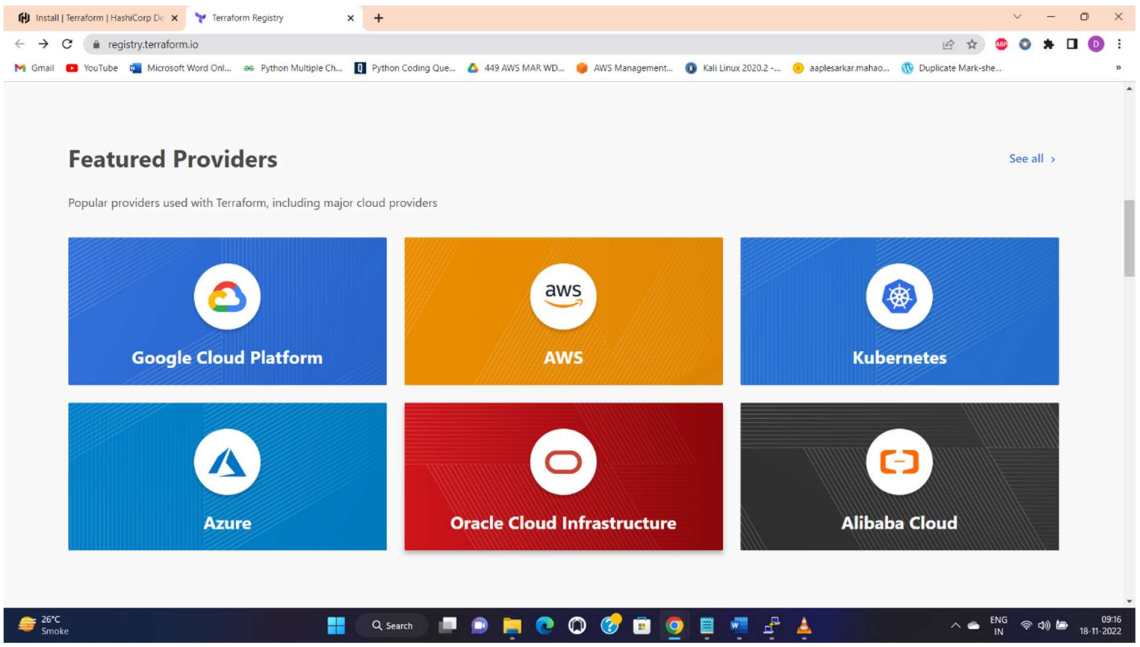


5. Select registry and create rds.tf file

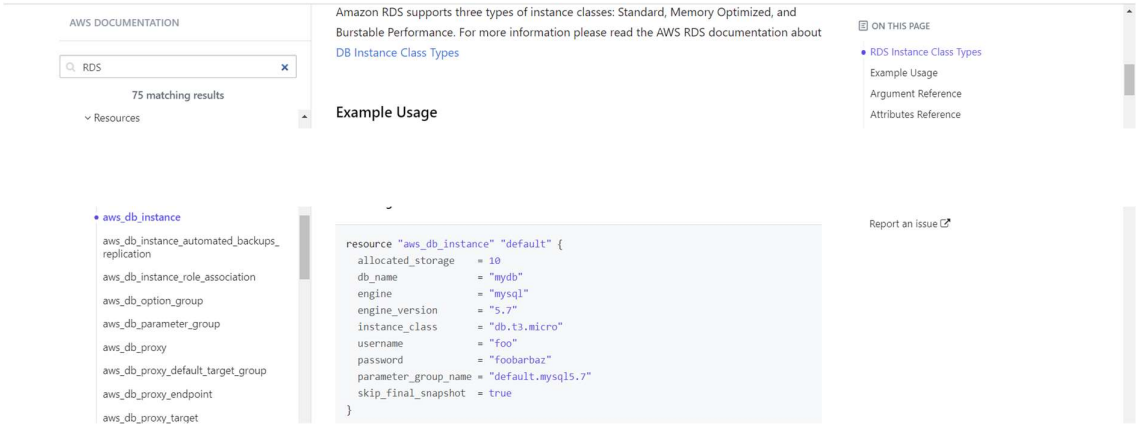
I. Go to the home page and click on the registry



ii. Then select the AWS provider and go to the documentation



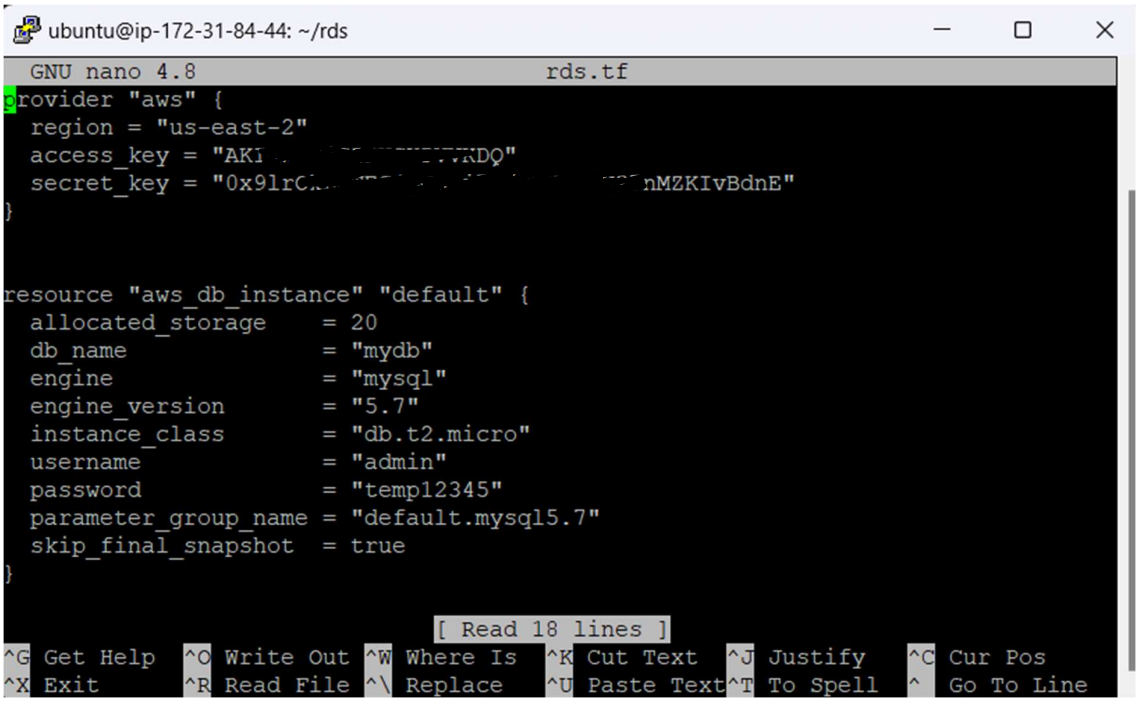
iii. search RDS and copy the resource RDS



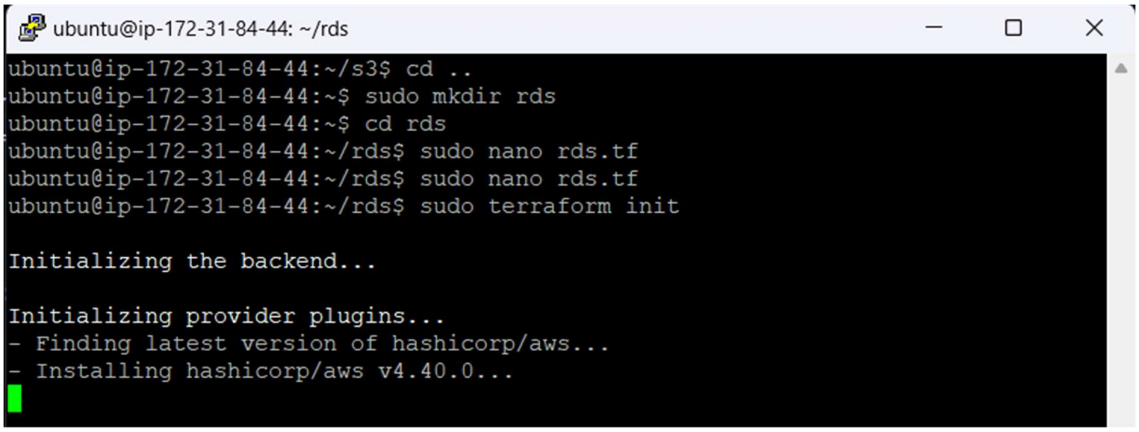
6. Creating RDS db Instance using terraform script.

I. Sudo mkdir RDS

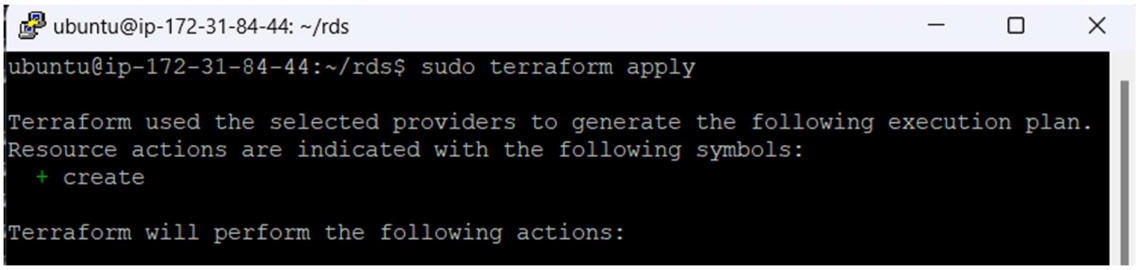
II. cd RDS and create file sudo nano RDS.tf



III. Sudo terraform init.



Iv. Sudo terraform apply.



v. Check the Output db instance.