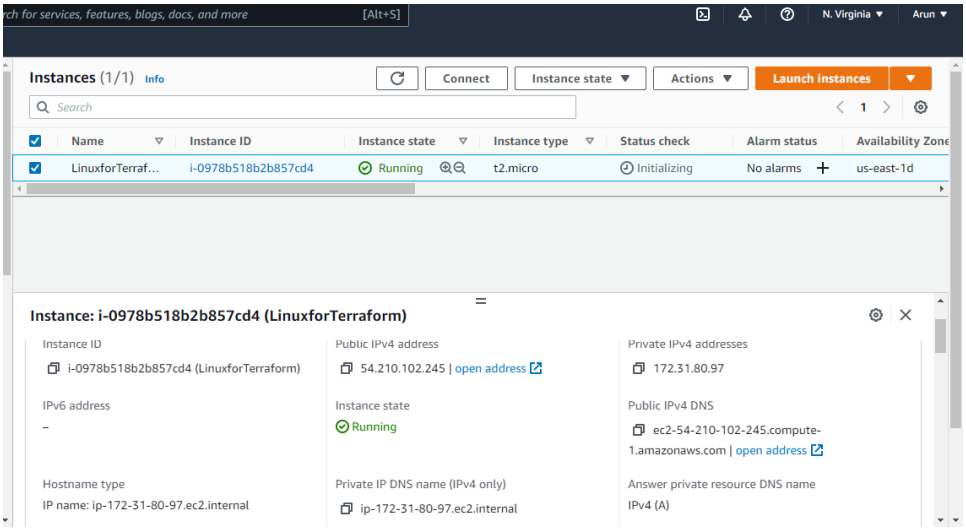
Installation of Terraform in Linux, and creation of ec2 with the help of terraform

Step1 : Create one Linux EC2 for installing Terraform.



Step 2 : Connect to SSH perform the following commands

Sudo su -

wget https://releases.hashicorp.com/terraform/0.13.5/terraform_0.13.5_linux_amd64.zip

unzip terraform_0.13.5_linux_amd64.zip

./terraform

Terraform –version

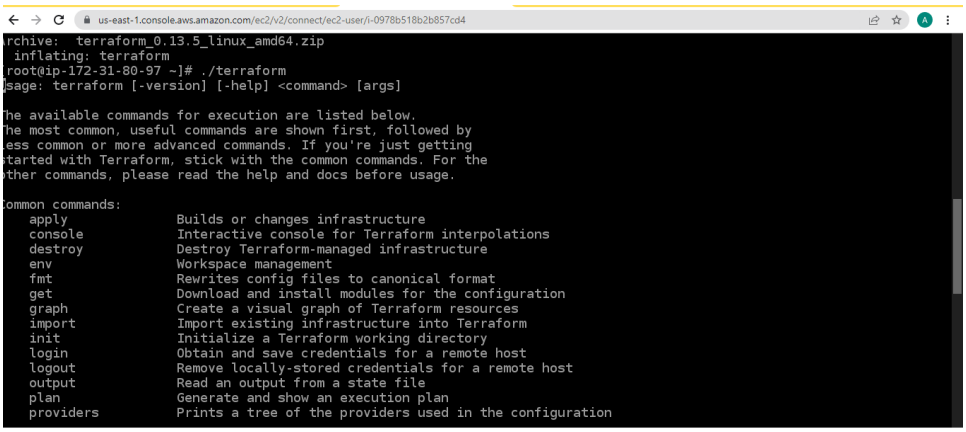
Mkdir projects

Cd projects

Touch main.tf

Vim main.tf

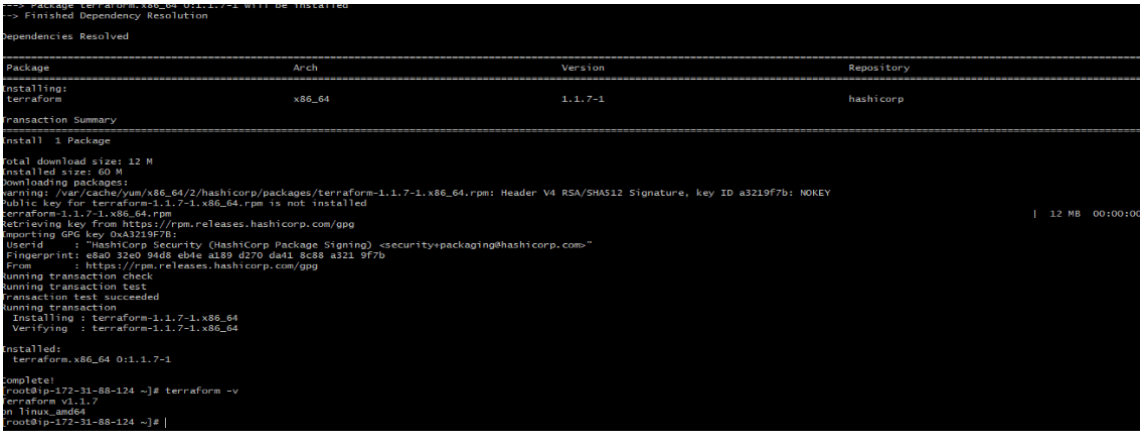
This will create a file inside the folder projects



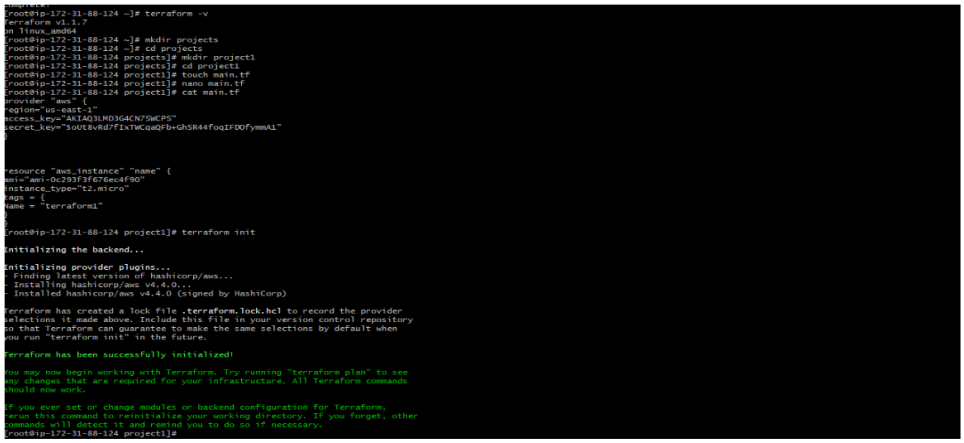
i-0978b518b2b857cd4 (LinuxforTerraform)

Step 3 : in the main.tf enter the following commands

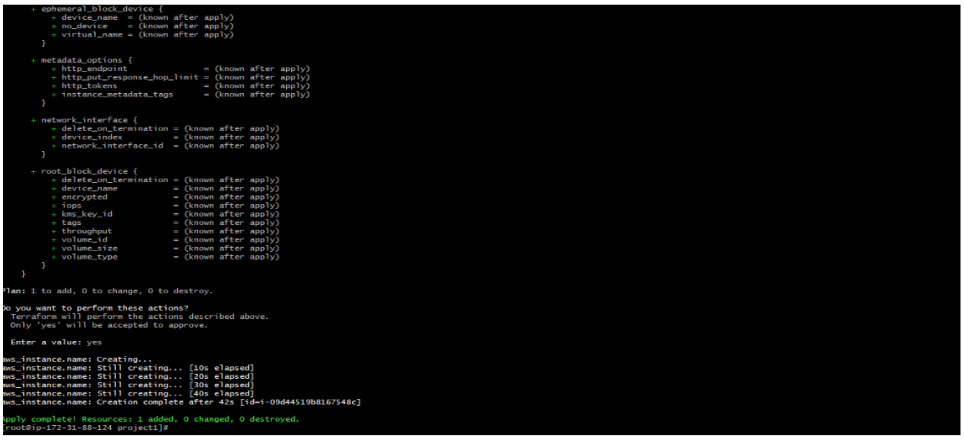
```
provider "aws" {
  profile ="default"
  region  ="us-east-1"

  access_key=“AKIA6LFFGBWBSIMLF53J”

  secret_key=“ not written here for security purpose”
}

resource "aws_instance" "name" {
  ami = "ami-0c293f3f676ec4f90"
  instance_type = "t2.micro"

 }
```



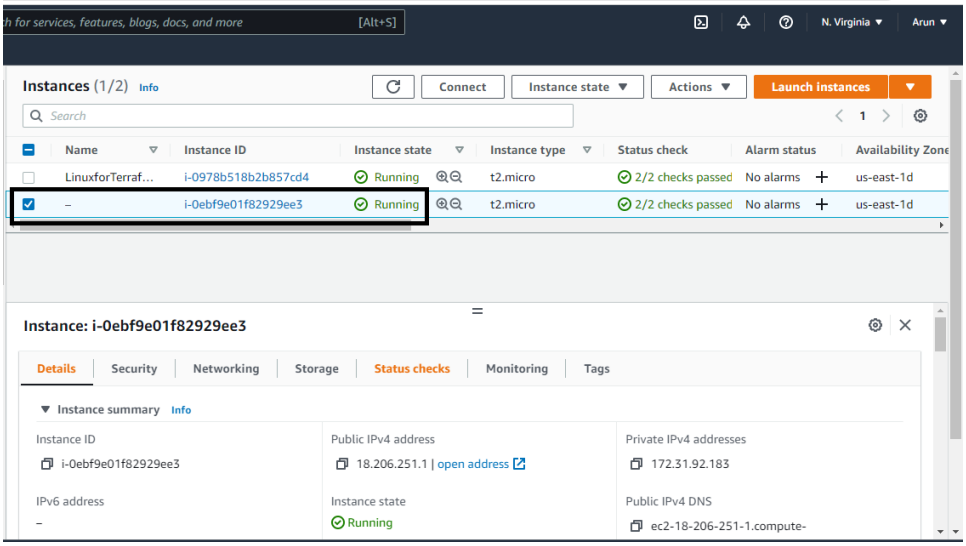
Step 4 : After checking terraform version, after entering above commands in main.tf . Enter terraform init



Step 5 : terraform add



Step 6 : Now resourses created and go to console check the new instance created


for services, features, blogs, docs, and more
[Alt+S]
N. Virginia
Arun
Instances (1/2) Info
Connect
Instance state
Actions
Launch instances
Search
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
LinuxforTerraf...
i-0978b518b2b857cd4
Running
t2.micro
2/2 checks passed
No alarms
us-east-1d
–
i-0ebf9e01f82929ee3
Running
t2.micro
2/2 checks passed
No alarms
us-east-1d
Instance: i-0ebf9e01f82929ee3
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-0ebf9e01f82929ee3
Public IPv4 address
18.206.251.1 | open address
Private IPv4 addresses
172.31.92.183
IPv6 address
–
Instance state
Running
Public IPv4 DNS
ec2-18-206-251-1.compute-