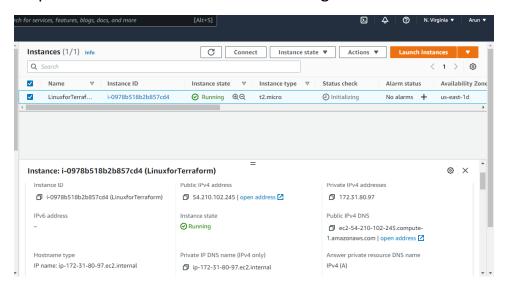
Installation of Terraform in Linux, and creation of ec2 with the help of terraform

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

```
rchive: terraform 0.13.5 [linux_amd64.zip inflating: terraform rootdip-172-31-80-97 ~l# ./terraform rootdip-172-31-80-97 ~l# ./terraform sage: terraform [-version] [-help] <command> [args]

The available commands for execution are listed below. The most common, useful commands are shown first, followed by ess common or more advanced commands. If you're just getting started with Terraform, stick with the common commands. For the other commands, please read the help and docs before usage.

Common commands:

apply Builds or changes infrastructure console Interactive console for Terraform interpolations destroy Destroy Terraform-managed infrastructure
env Workspace management fint Rewrites config files to canonical format get Download and install modules for the configuration graph Create a visual graph of Terraform resources import inport existing infrastructure into Terraform init Initialize a Terraform working directory login Obtain and save credentials for a remote host output Read an output from a state file plan Generate and show an execution plan providers Prints a tree of the providers used in the configuration
```

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"
}
```

```
Dependencies Resolved

Package Arch Version Repository

Installing: x86_64 1.1.7-1 hashicorp

Transaction Summary

Costalling: x86_64 1.1.7-1 hashicorp

Transaction Summary

Costalling size: 12 N

Costalling size: 12 N

Costalling size: 60 N

Monicoding packages:

Monicoding packages:
```

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

