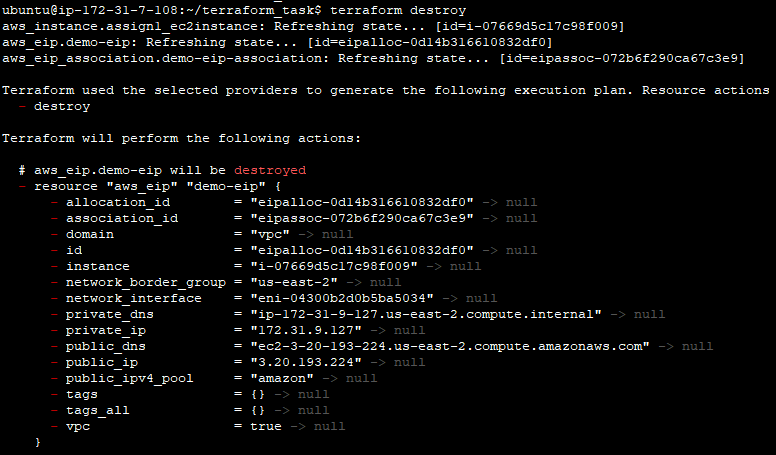
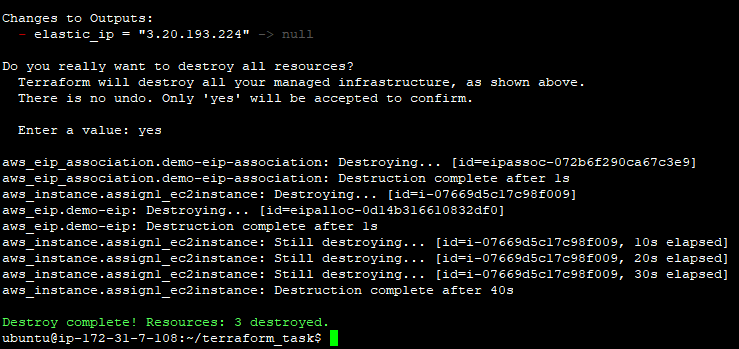
To destroy previous deployment run the below command.

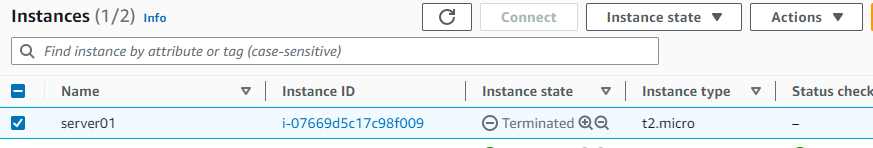
**terraform destroy**



Enter yes to confirm.



And our EC2 instance has been destroyed.



Now create main.tf file with below code. The code is to build EC2 instance in Virginia and Ohio region. To avoid duplicate aws provider error an alias has been used.

**provider "aws" {**

**access\_key = "AKIASJ2YKAR4DL3NNPHW"**

**secret\_key = "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"**

**region = "us-east-1"**

**}**

**resource "aws\_instance" "ec2instance1" {**

**ami = "${var.ami\_id1}"**

**instance\_type = "${var.instance\_type}"**

**key\_name = "${var.ami\_key\_pair\_name1}"**

**tags = {**

**Name ="${var.instance\_name1}"**

**}**

**}**

**provider "aws" {**

**alias = "ohiovm"**

**access\_key = "AKIASJ2YKAR4DL3NNPHW"**

**secret\_key = "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"**

**region = "us-east-2"**

**}**

**resource "aws\_instance" "ec2instance2" {**

**provider = aws.ohiovm**

**ami = "${var.ami\_id2}"**

**instance\_type = "${var.instance\_type}"**

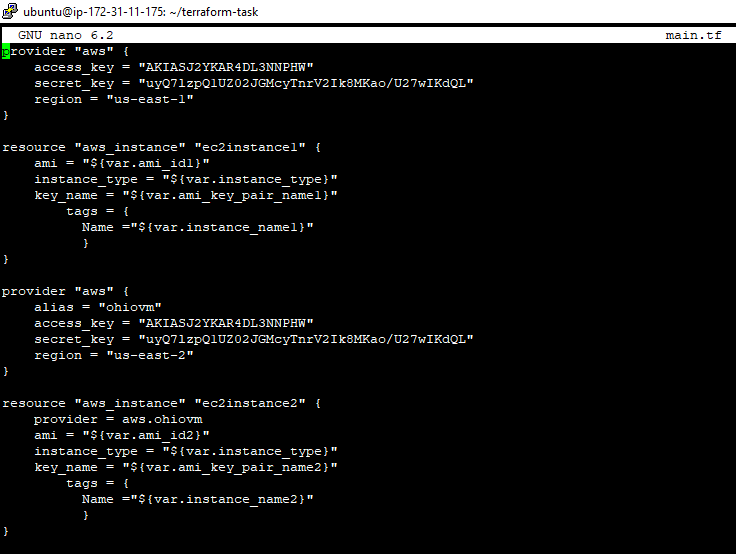
**key\_name = "${var.ami\_key\_pair\_name2}"**

**tags = {**

**Name ="${var.instance\_name2}"**

**}**

**}**



Now create variables.tf file with below lines of code:

**variable "instance\_name1" {**

**description = "Name of the instance to be created"**

**default = "virginia-box"**

**}**

**variable "instance\_type" {**

**default = "t2.micro"**

**}**

**variable "ami\_id1" {**

**description = "The AMI to use for virginia"**

**default = "ami-007855ac798b5175e"**

**}**

**variable "ami\_key\_pair\_name1" {**

**default = "virginia"**

**}**

**variable "instance\_name2" {**

**description = "Name of the instance to be created"**

**default = "ohio-box"**

**}**

**variable "ami\_id2" {**

**description = "The AMI to use for Ohio"**

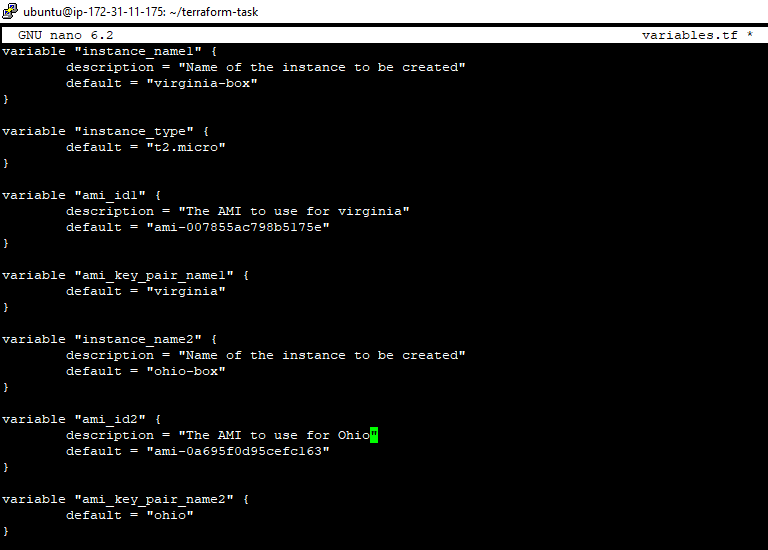
**default = "ami-0a695f0d95cefc163"**

**}**

**variable "ami\_key\_pair\_name2" {**

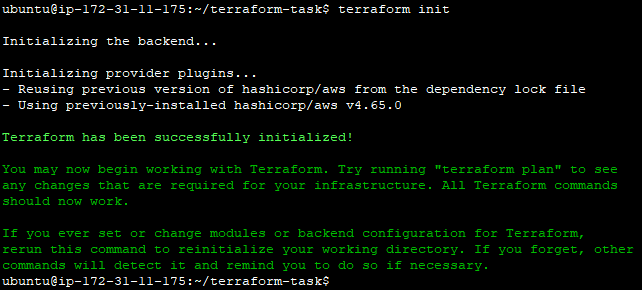
**default = "ohio"**

**}**



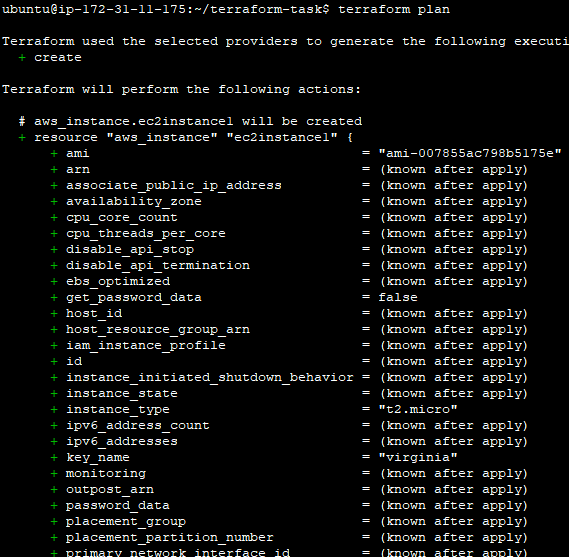
Now run below command:

**terraform init**



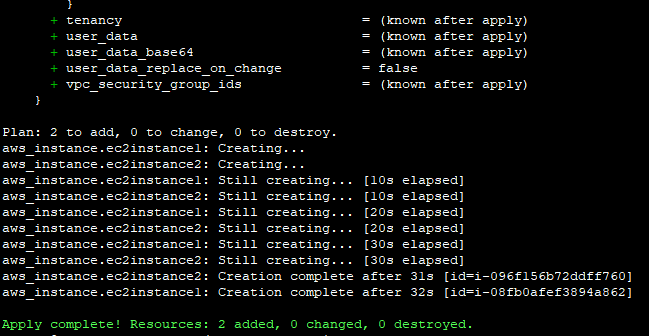
Now run below command:

**terraform plan**



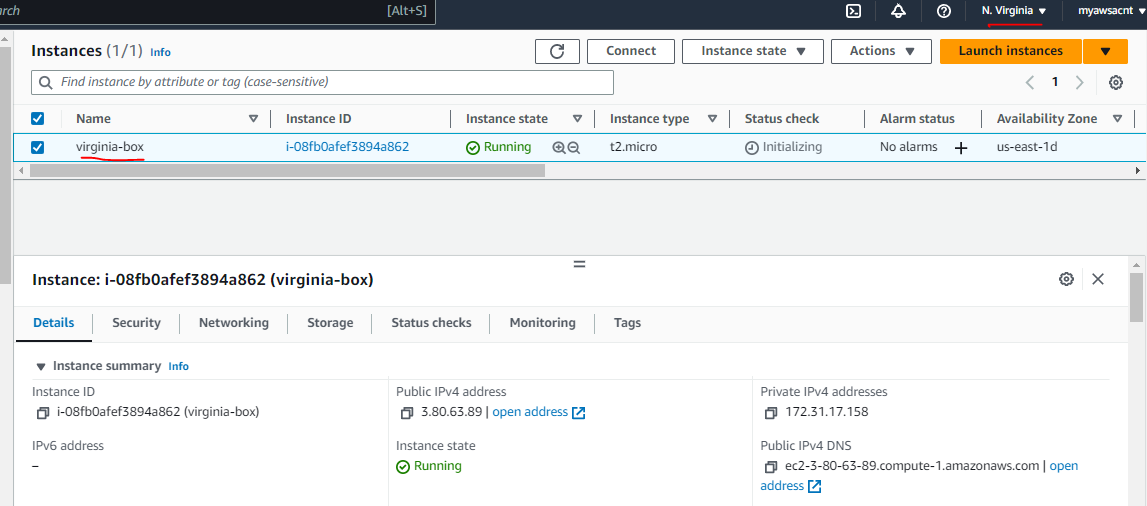
Now run below command and our EC2 instances will get created.

**terraform apply -auto-approve**

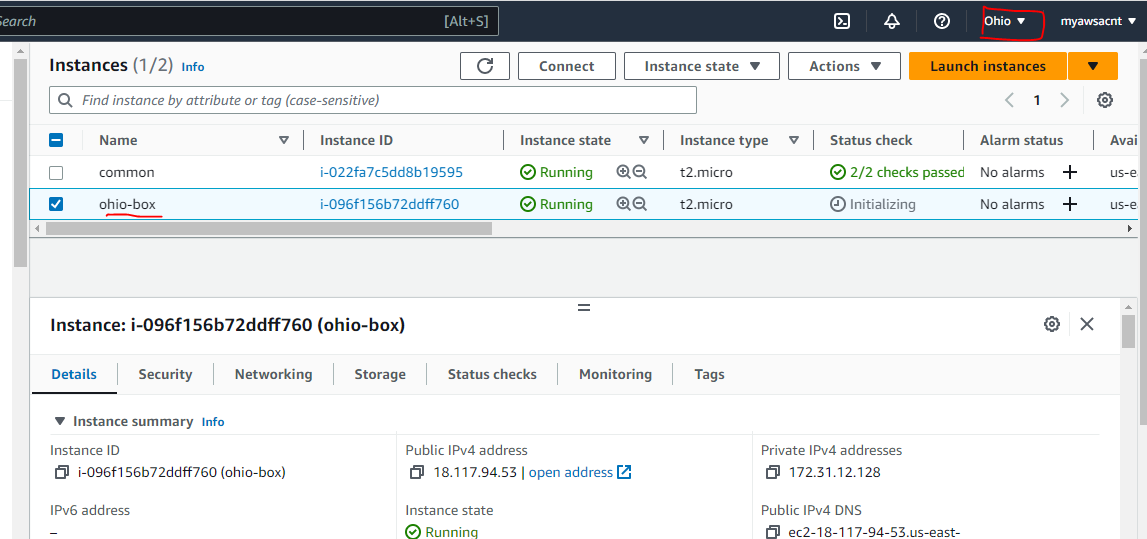


Our EC2 instances in Virgina and Ohio region have been created. As specified in code above these EC2 instances name would be “Virginia-box” and “Ohio-box”.

Let’s validate the virgina-box creation.



And now validate Ohio-box creation.



So our EC2 instances have been created in ohio and virigina region as shown above. Now we need to rename these EC2 instances. For this open variables.tf and change the tags with new name as shown below:

**variable "instance\_name1" {**

**description = "Name of the instance to be created"**

**default = "hello-virginia"**

**}**

**variable "instance\_type" {**

**default = "t2.micro"**

**}**

**variable "ami\_id1" {**

**description = "The AMI to use for virginia"**

**default = "ami-007855ac798b5175e"**

**}**

**variable "ami\_key\_pair\_name1" {**

**default = "virginia"**

**}**

**variable "instance\_name2" {**

**description = "Name of the instance to be created"**

**default = "hello-ohio"**

**}**

**variable "ami\_id2" {**

**description = "The AMI to use for Ohio"**

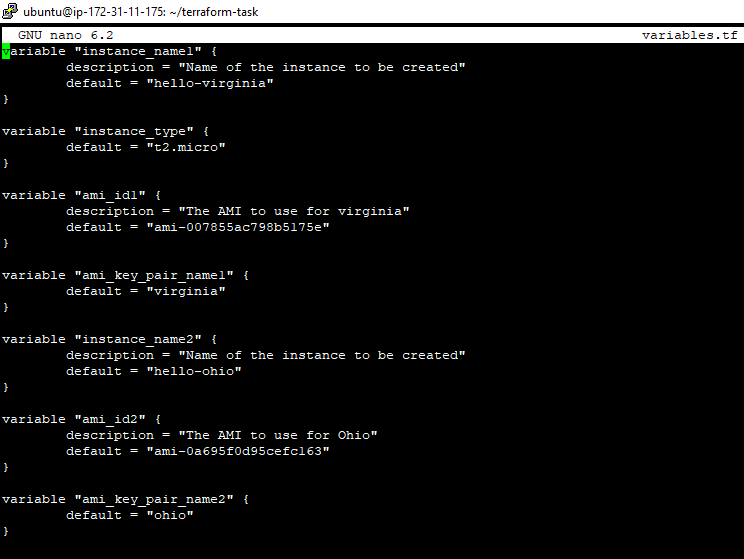
**default = "ami-0a695f0d95cefc163"**

**}**

**variable "ami\_key\_pair\_name2" {**

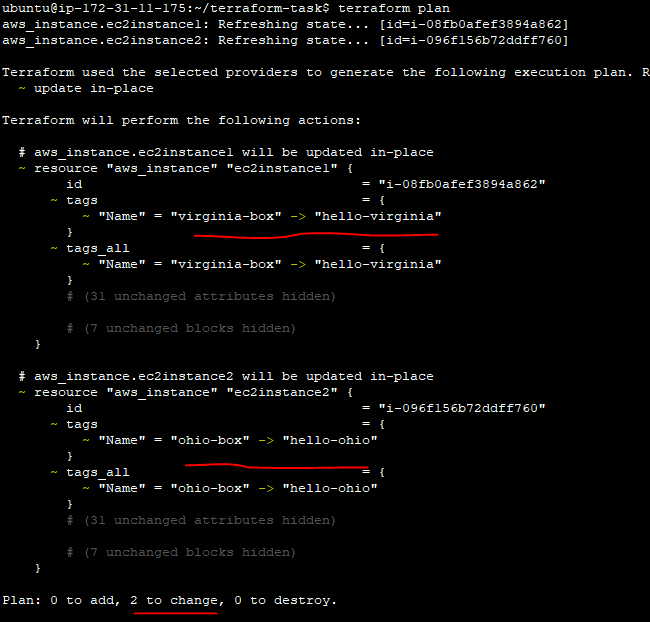
**default = "ohio"**

**}**



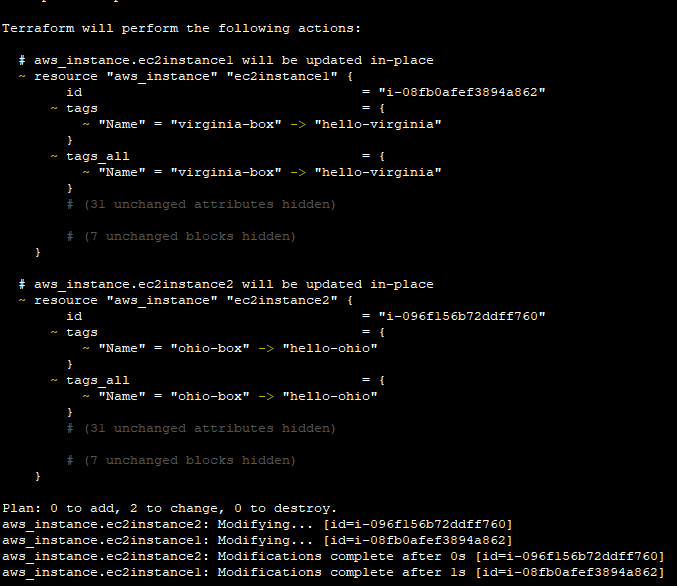
Now run the below command. It shows in output 2 to change which the Ec2 instance new tag.

**terraform plan**

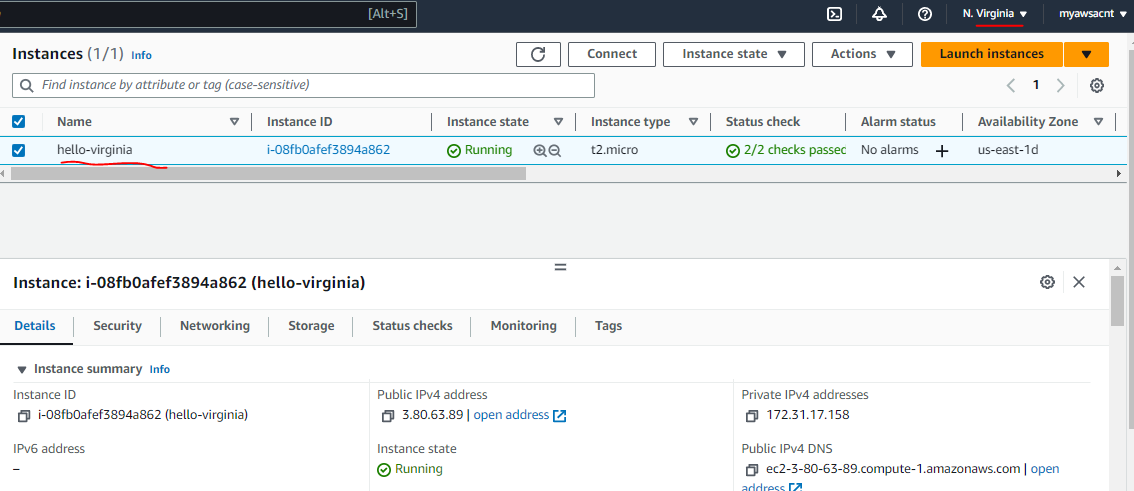


Now run below command:

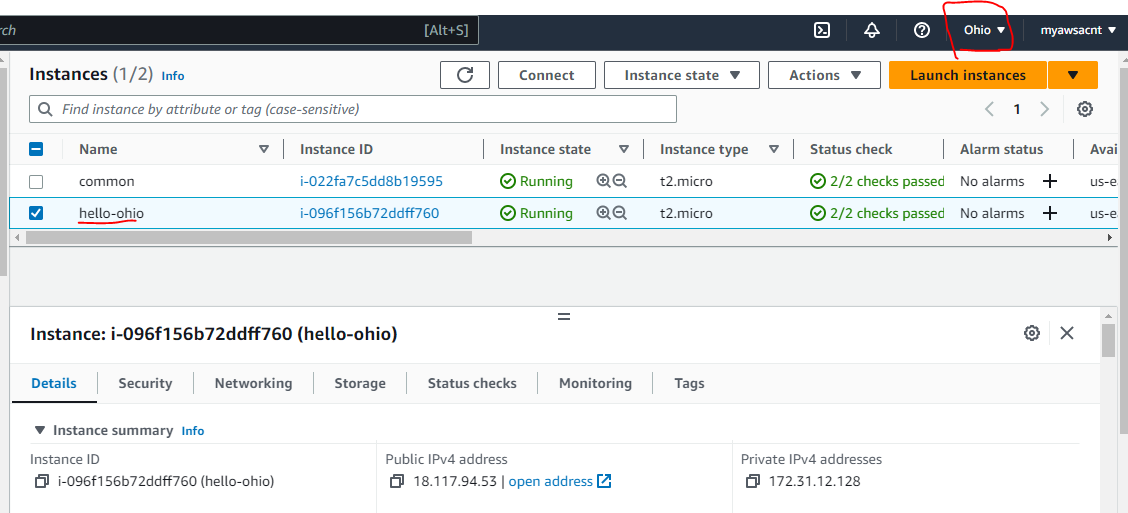
**terraform apply -auto-approve**



The task has completed successfully. Now let’s validate in AWS console if the EC2 instance name has been changed or not.



Now let’s check in Ohio region.



So these EC2 instances have been renamed successfully and all the objectives have been met.