**Name**: Venkatesh Rongala

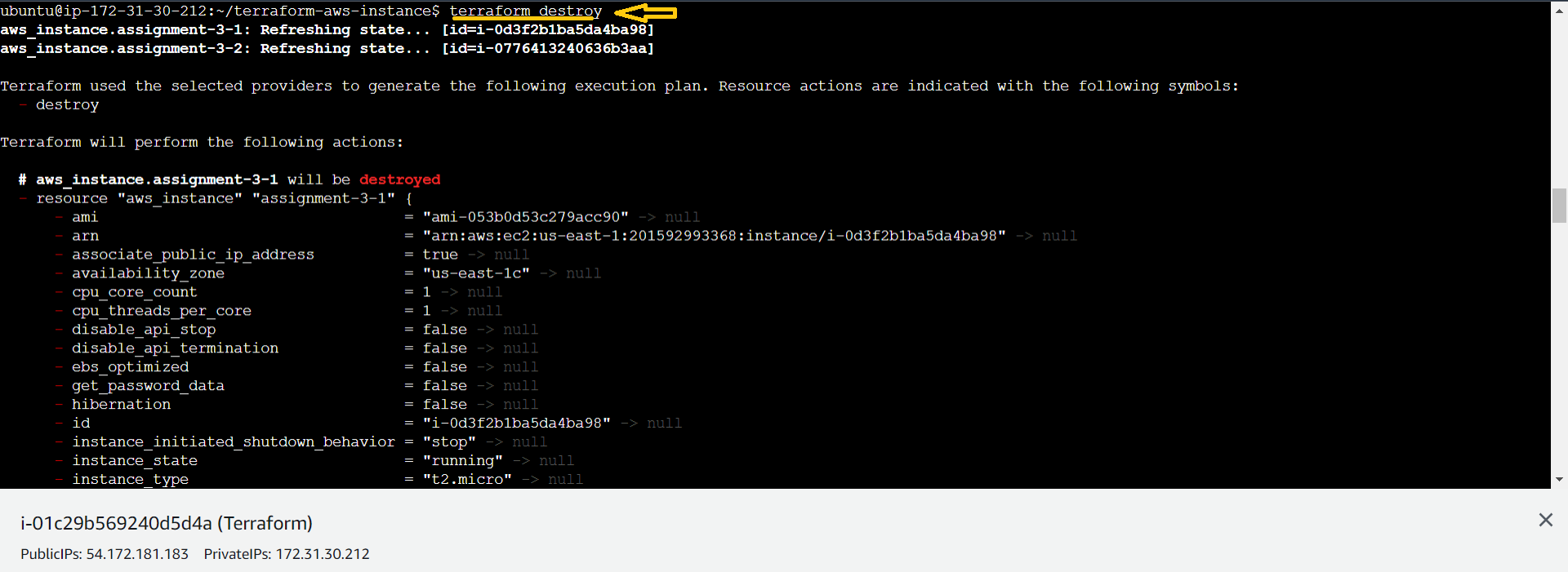
**Module-8: Terraform Assignment - 4**

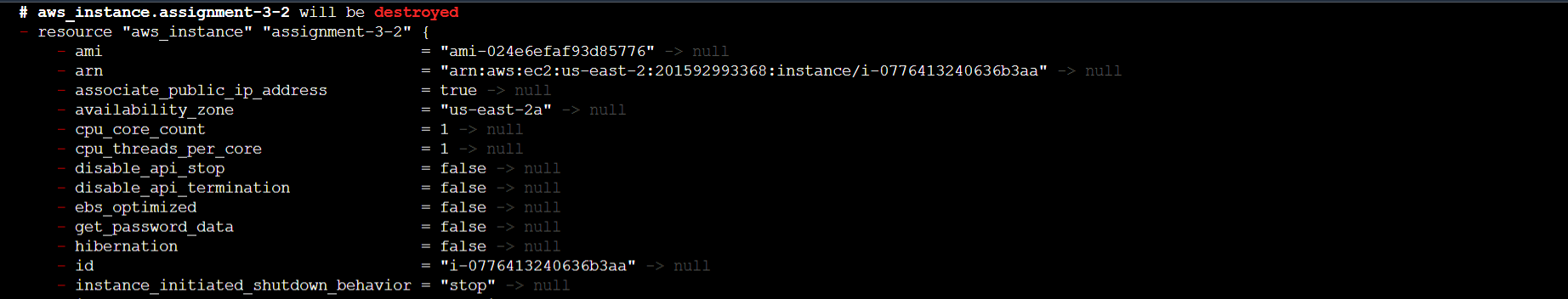
**Task-4**

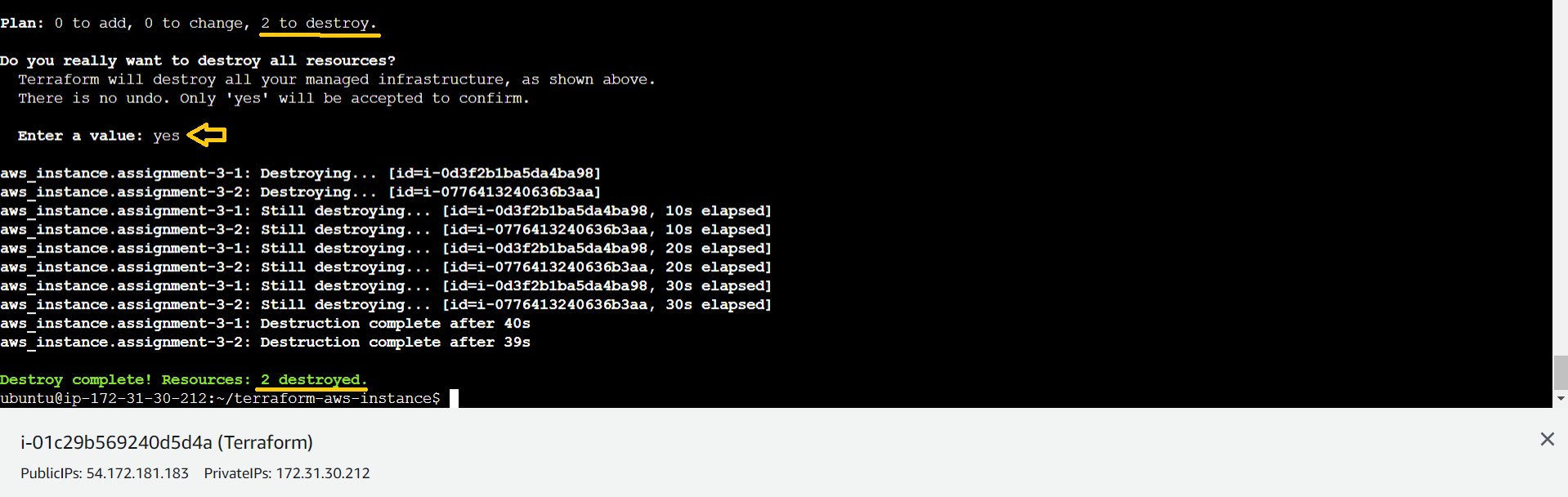
* Destroy the previous deployments
* Create a VPC with the required components using Terraform
* Deploy an EC2 instance inside the VPC

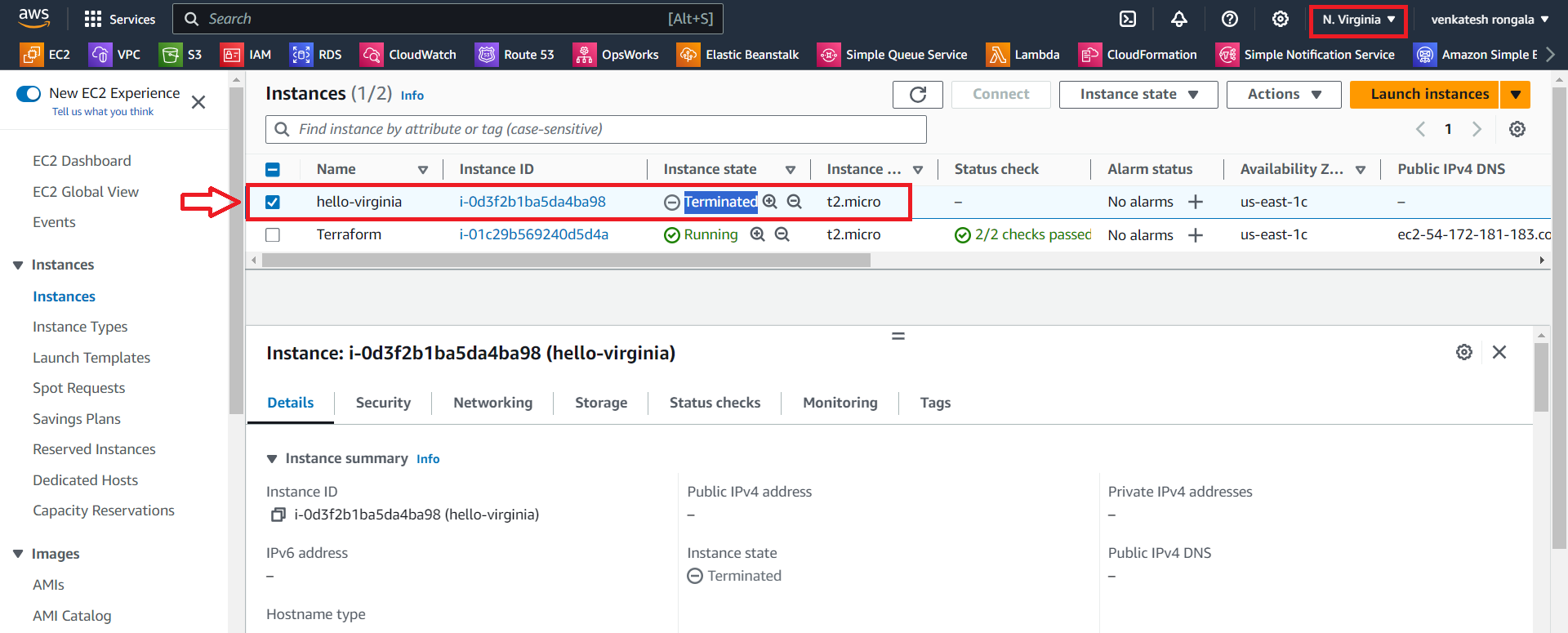
**Solution:**

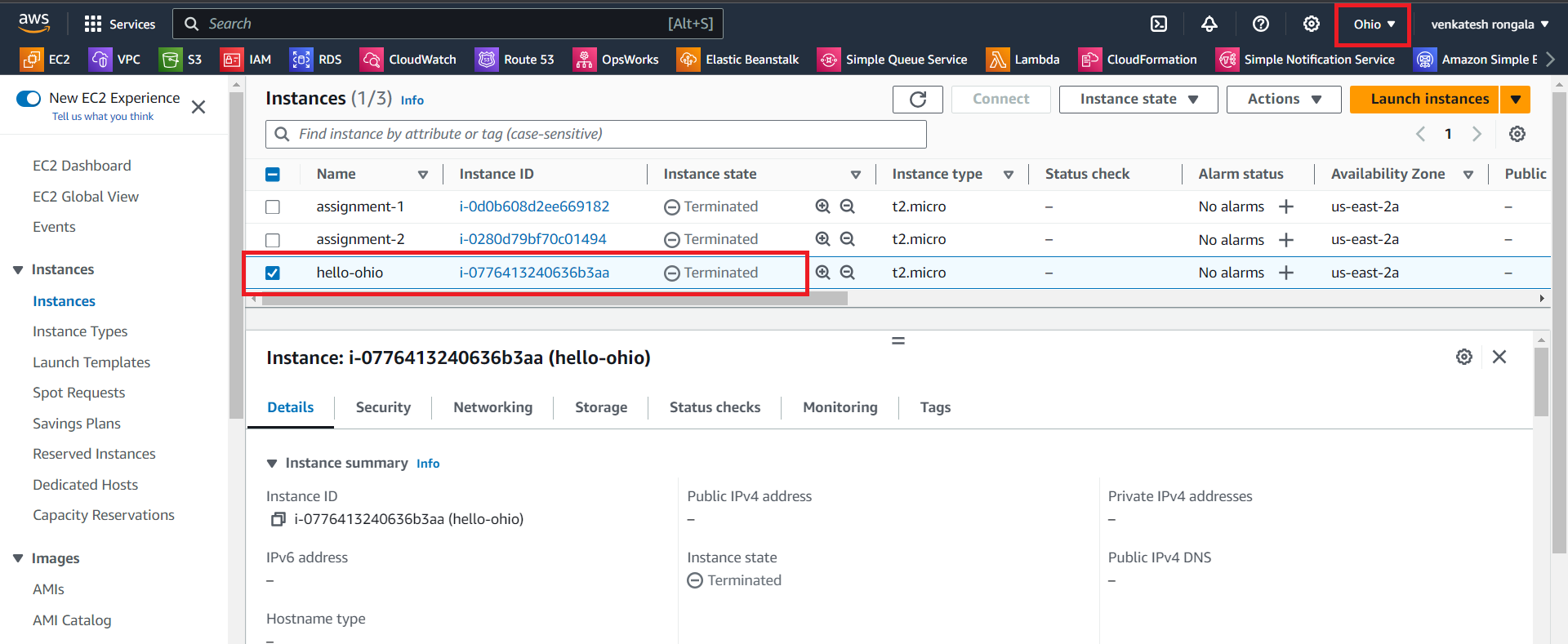
* First Destroy the previous deployment using the command “terraform destroy”











* Now create a VPC with the required components using Terraform
* Deploy an EC2 instance inside the VPC
* **main.tf**
* **provider "aws" {**

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

**}**

**resource "aws\_instance" "assignment-4" {**

**ami = "ami-024e6efaf93d85776"**

**instance\_type = "t2.micro"**

**subnet\_id = aws\_subnet.assignment-4-subnet.id**

**key\_name = "ohio-kp"**

**tags = {**

**Name = "assignment-4"**

**}**

**}**

**resource "aws\_vpc" "assignment-4-vpc" {**

**cidr\_block = "10.10.0.0/16"**

**tags = {**

**Name = "assignment-4-vpc"**

**}**

**}**

**resource "aws\_subnet" "assignment-4-subnet" {**

**vpc\_id = aws\_vpc.assignment-4-vpc.id**

**cidr\_block = "10.10.1.0/18"**

**availability\_zone = "us-east-2a"**

**tags = {**

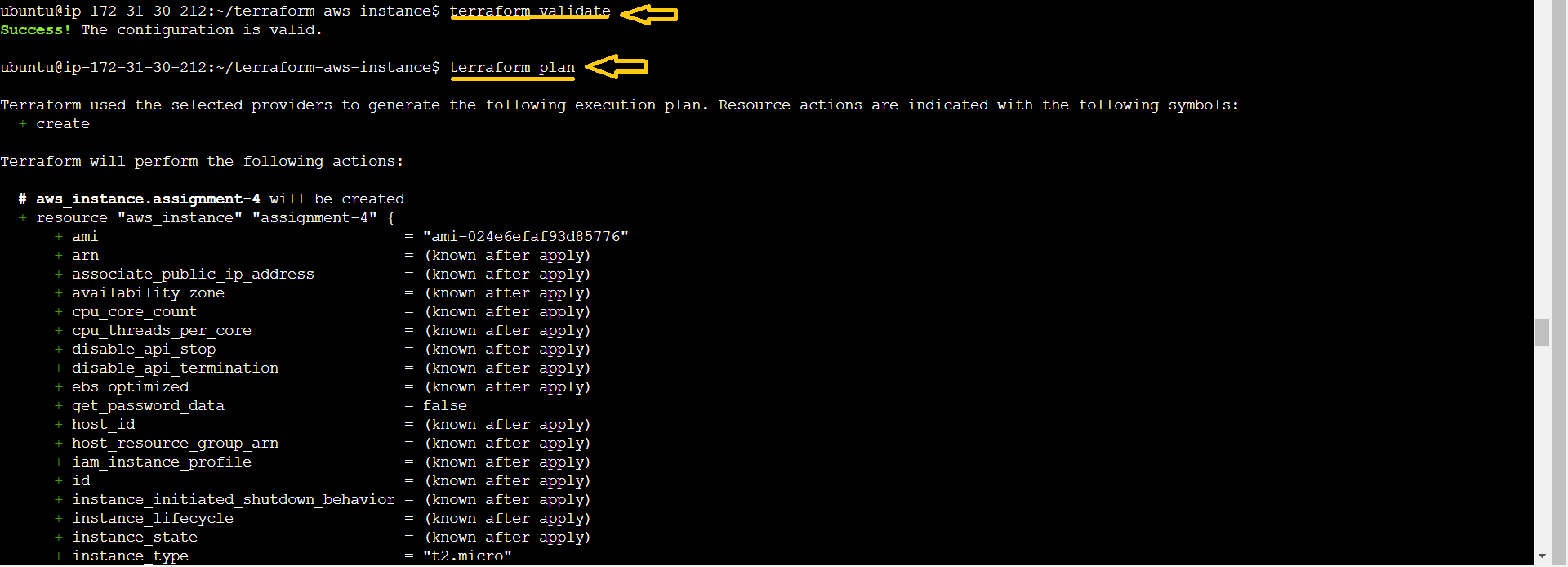
**Name = "assignment-4-subnet"**

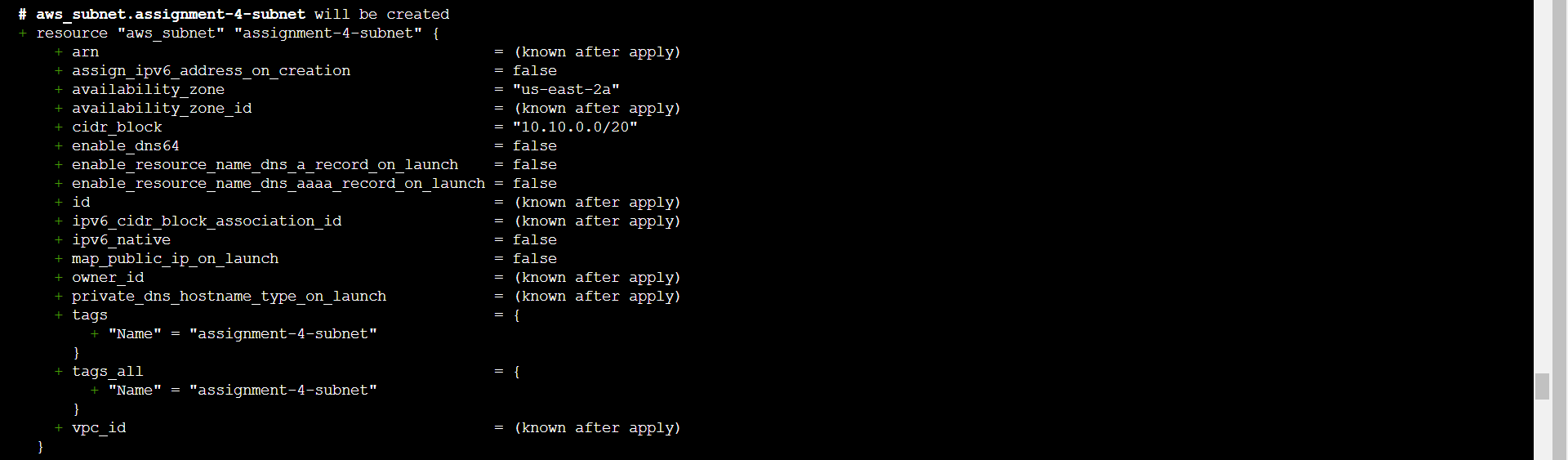
**}**

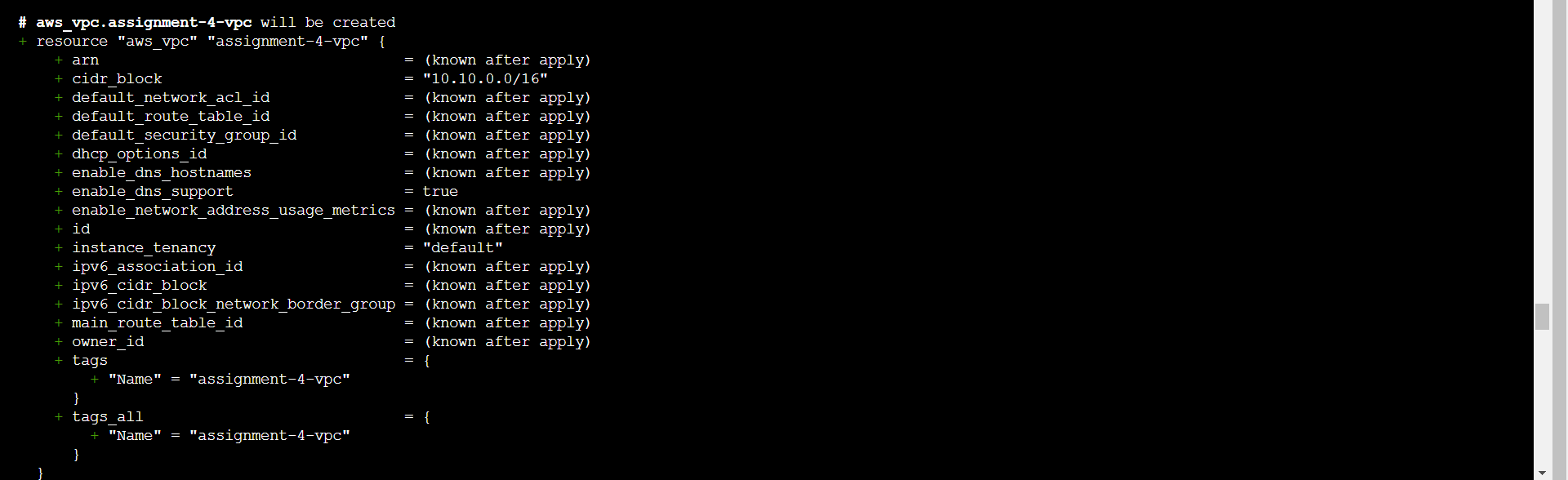
**}**



* Next Run the “terraform plan” commands

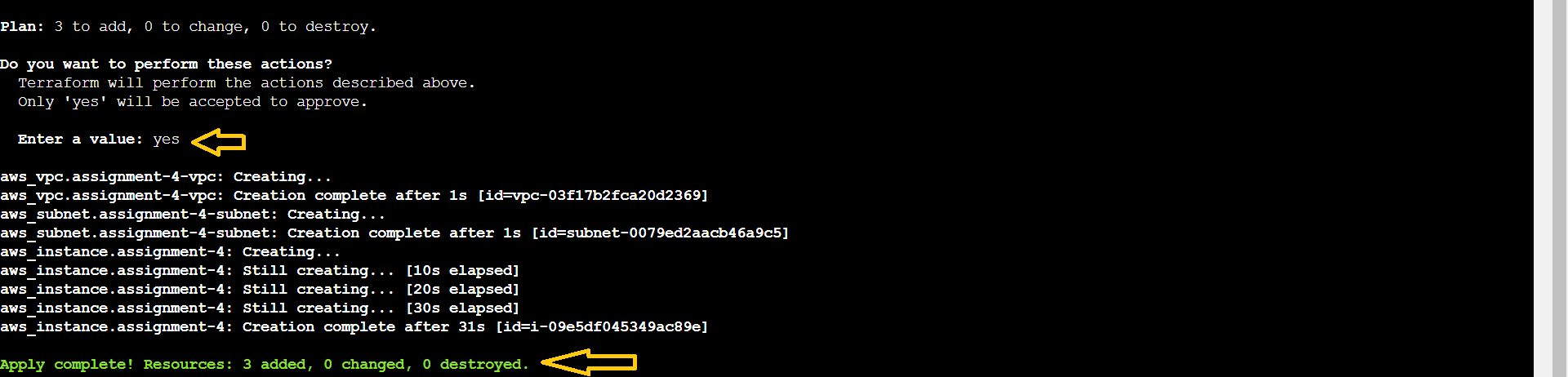
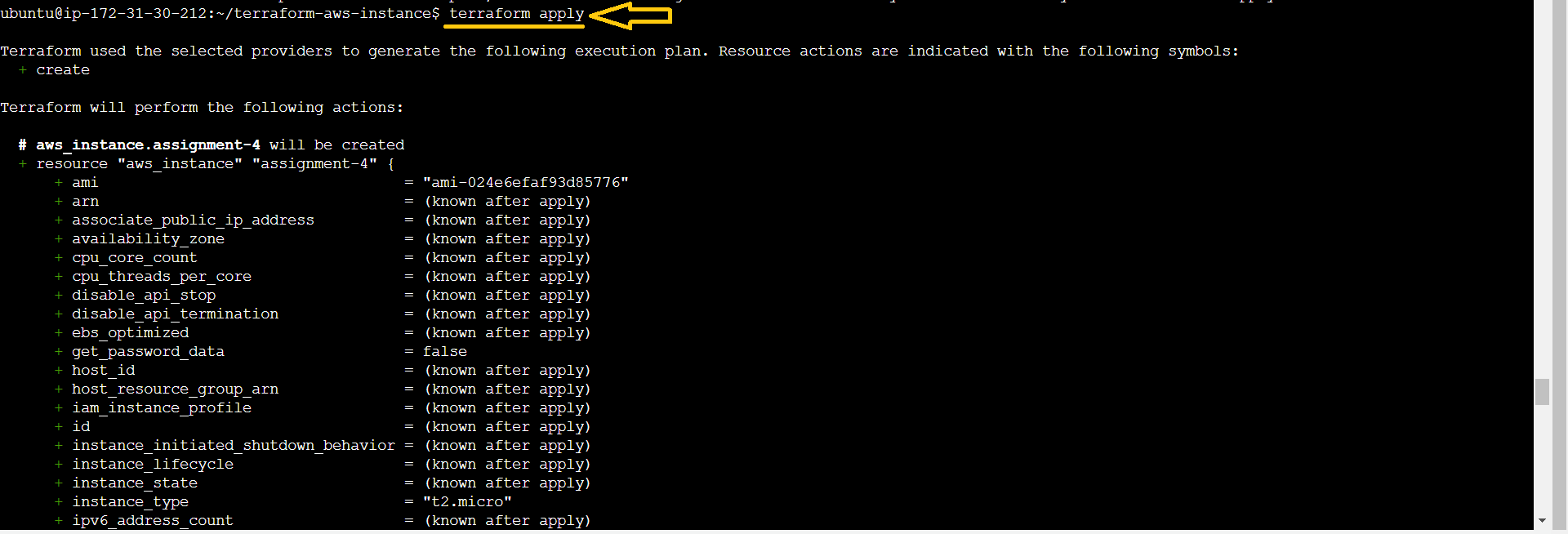
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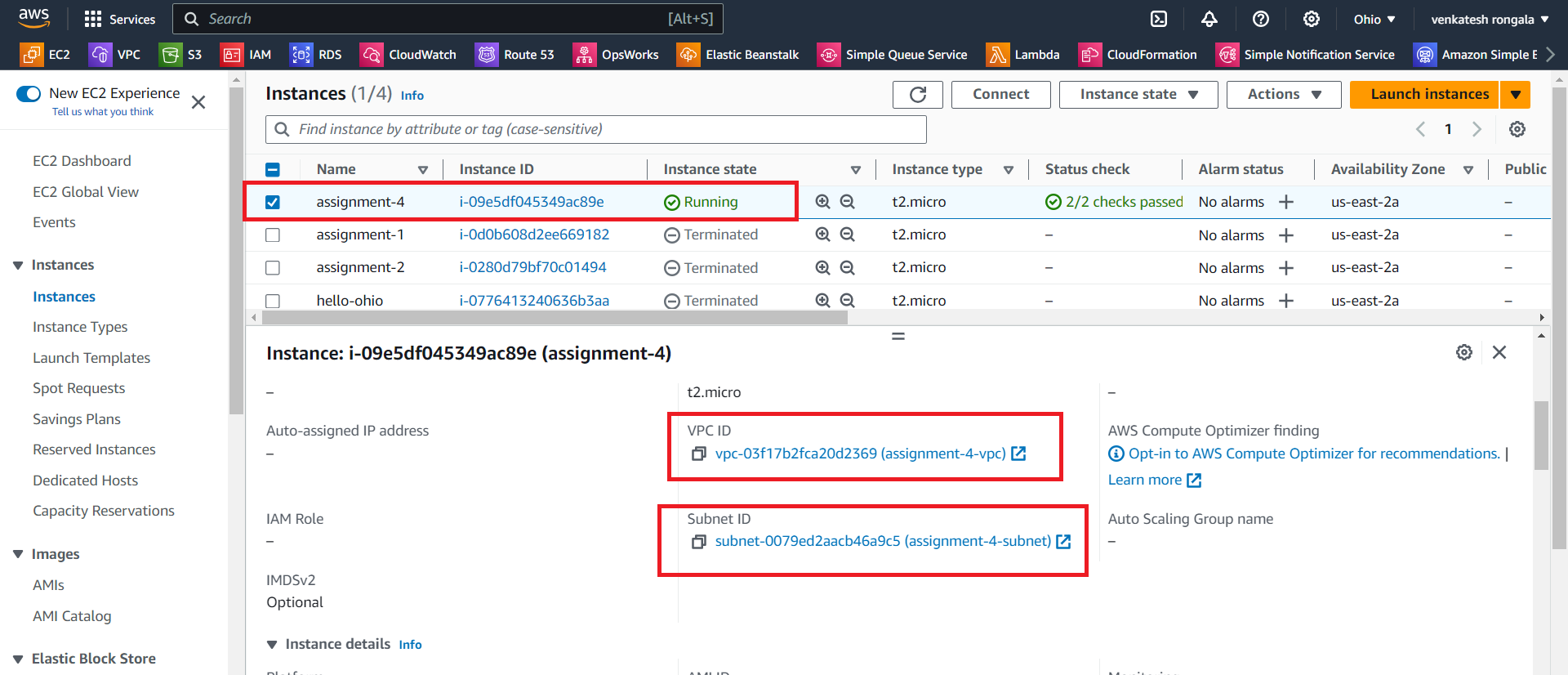
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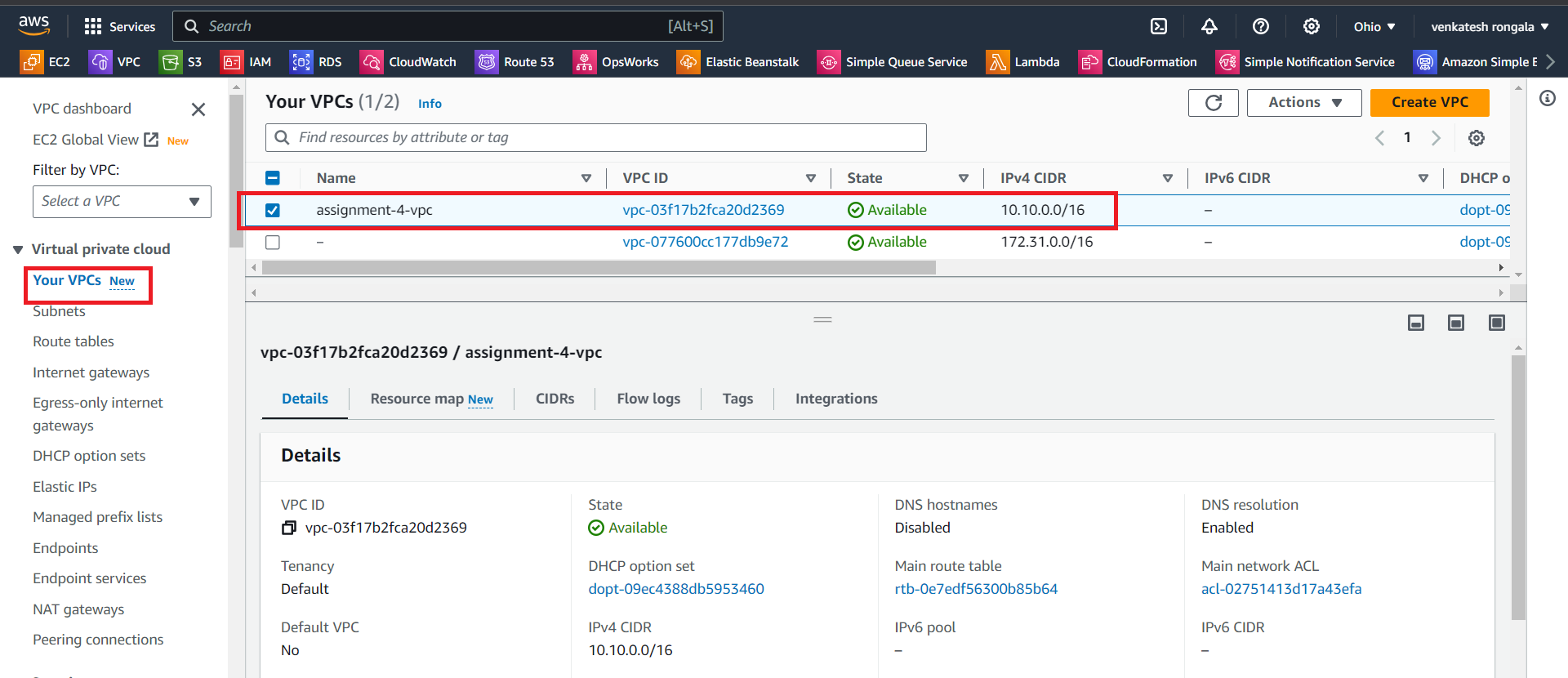
****

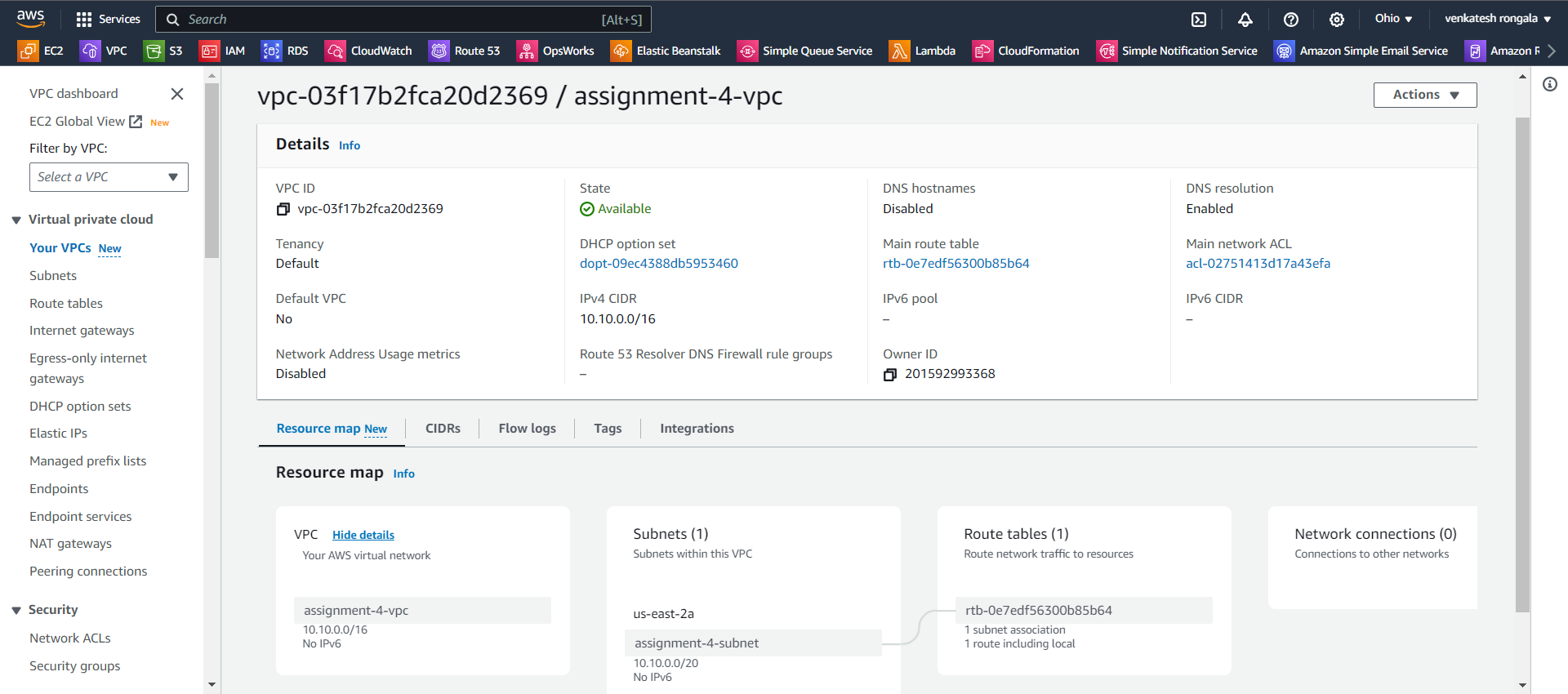
* Next Run the “terraform apply” commands



* Now go to AWS 🡪 “Ohio” Region & check the “assignment-4”



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\*\*\*\*\*\*\*\*\*\*\* Task Completed \*\*\*\*\*\*\*\*\*\*\*