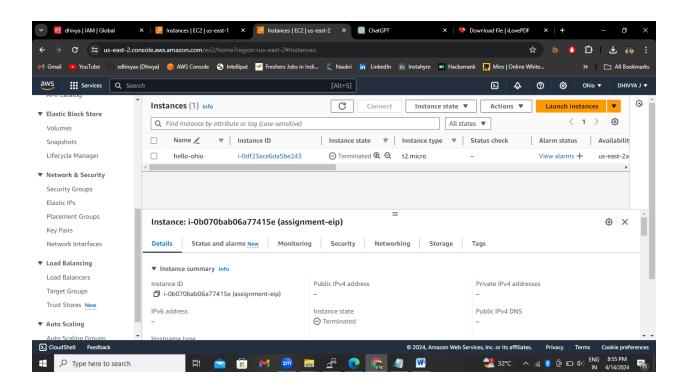


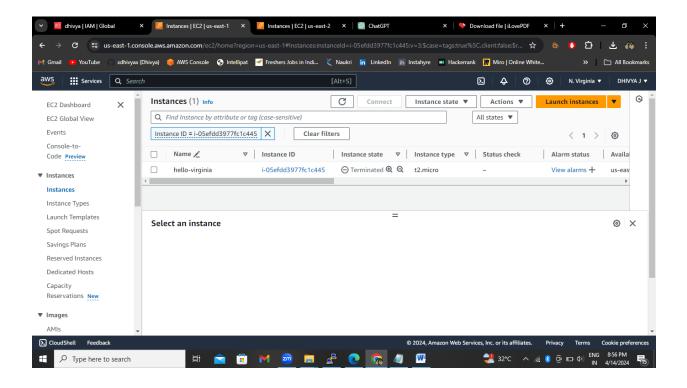
Terraform Assignment - 4

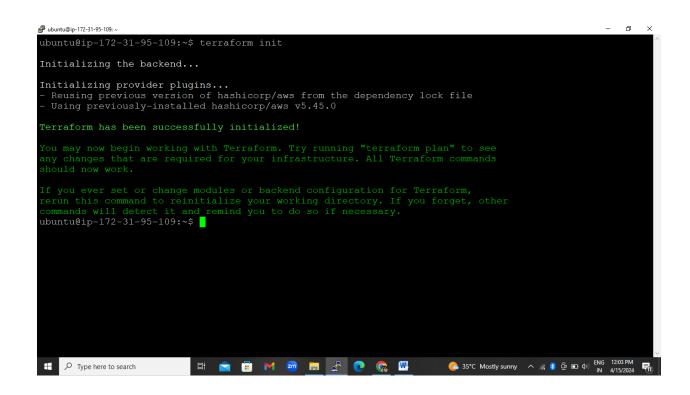
You have been asked to:

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

```
п
🗬 ubuntu@ip-172-31-95-109: -
ubuntu@ip-172-31-95-109:~$ terraform destroy aws instance.ohio-instance: Refreshing state... [id=i-0df23ace6da5be243]
aws_instance.virginia-instance: Refreshing state... [id=i-05efdd3977fc1c445]
indicated with the following symbols:
    destroy
  - arn
da5be243" -> null
- associate_public_ip_address
                                                       = "arn:aws:ec2:us-east-2:917788167444:instance/i-0df23ace6
                                                       = "us-east-2a" -> null
         cpu_core_count
         cpu_threads_per_core
disable_api_stop
disable_api_termination
ebs_optimized
                                                      = false -> null
= false -> null
= false -> null
                                                       = false -> null
          get_password_data
                                                       = "i-0df23ace6da5be243" -> null
         instance_initiated_shutdown_behavior = "stop" -> null
instance_state = "running" -> null
instance_type = "t2.micro" -> null
         instance_state
instance_type
ipv6_address_count
ipv6_addresses
                                H 💼 🖫 M 📾 🔚 👺 🧿 🧠 🐠
                                                                                            Type here to search
```







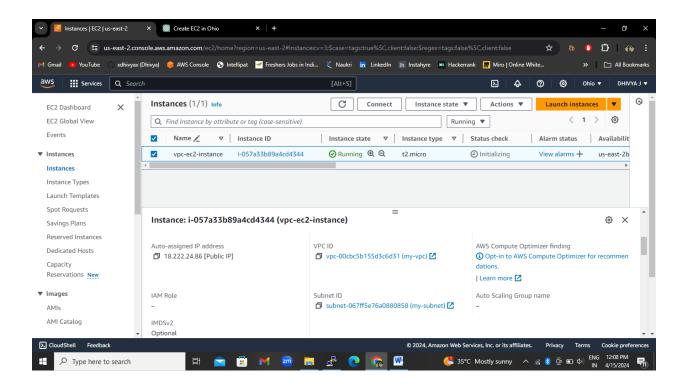
```
o

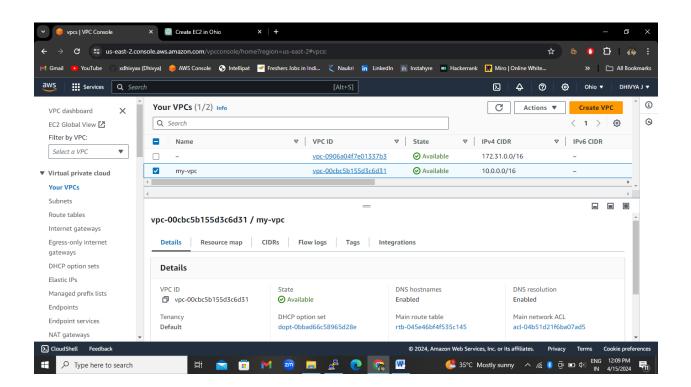
■ ubuntu@ip-172-31-95-109: ~

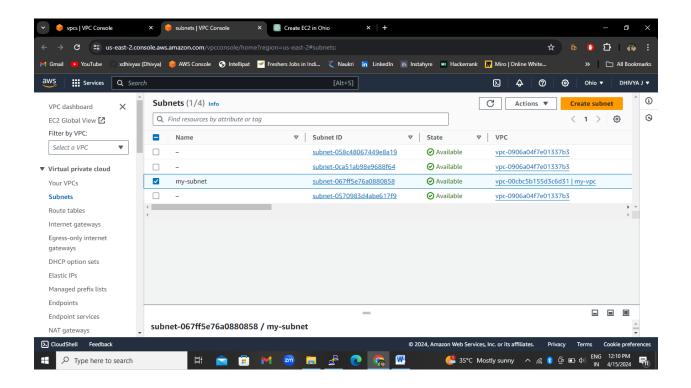
ubuntu@ip-172-31-95-109:~$ terraform apply
Terraform used the selected providers to generate the following execution plan. Resource actions are
indicated with the following symbols:
  + create
Terraform will perform the following actions:
  # aws_instance.my_instance will be created
+ resource "aws_instance" "my_instance" {
                                                = "ami-0b8b44ec9a8f90422"
                                                = (known after apply)
        associate public ip address
                                                = (known after apply)
        cpu core count
                                                 = (known after apply)
        cpu_threads_per_core
                                                = (known after apply)
        disable_api_stop
disable_api_termination
                                                = (known after apply)
                                                = (known after apply)
                                                = (known after apply)
        get_password_data
        host_id
host_resource_group_arn
                                                = (known after apply)
                                                 = (known after apply)
        iam instance profile
                                                  (known after apply)
                                                 = (known after apply)
        instance initiated shutdown behavior = (known after apply)
        instance_lifecycle
instance_state
                                                  (known after apply)
        instance_type
                                                = (known after apply)
                                                = (known after apply)
        ipv6_addresses
                                                                          🛱 😭 🗑 M 📾 📮 🚱 👩 🧖 💯

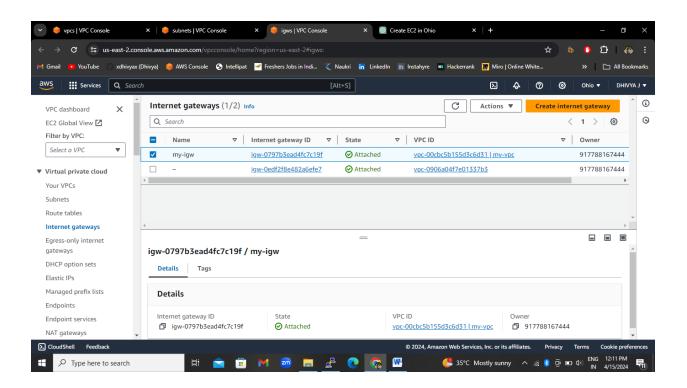
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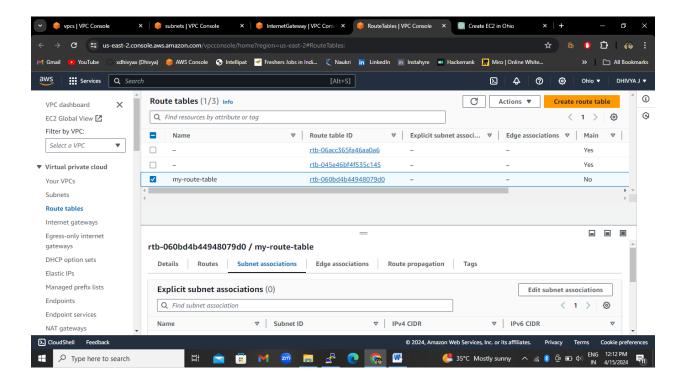
```
№ ubuntu@ip-172-31-95-109: ~
                                                                                                                                                                                                                   ø
Plan: 6 to add, 0 to change, 0 to destroy.
Do you want to perform these actions?
     Terraform will perform the actions described above.
    Only 'yes' will be accepted to approve.
    Enter a value: yes
aws_vpc.my_vpc: Creating...
aws_vpc.my_vpc: Still creating... [11s elapsed]
aws_vpc.my_vpc: Creation complete after 12s [id=vpc-00cbc5b155d3c6d31]
aws_subnet.my_subnet: Creating...
aws_subnet.my_subnet: Creating...
aws_security_group.my_sg: Creating...
aws_internet_gateway.my_igw: Creating...
aws_internet_gateway.my_igw: Creation complete after 1s [id=igw-0797b3ead4fc7c19f]
aws_route_table.my_route_table: Creating...
aws_route_table.my_route_table: Creation complete after 1s [id=rtb-060bd4b44948079d0]
aws_security_group.my_sg: Creation complete after 2s [id=sg-026010a8085ea6fb2]
aws_subnet.my_subnet: Still creating... [10s elapsed]
aws_subnet.my_subnet: Creation complete after 1ls [id=subnet-067ff5e76a0880858]
aws_instance_my_instance_freating.
aws_instance.my_instance: Creating...
aws_instance.my_instance: Still creating... [10s elapsed]
aws_instance.my_instance: Still creating... [20s elapsed]
aws_instance.my_instance: Still creating... [30s elapsed]
aws_instance.my_instance: Creation complete after 32s [id=i-057a33b89a4cd4344]
Apply complete! Resources: 6 added, 0 changed, 0 destroyed.ubuntu@ip-172-31-95-109:~$
                                                                                                                                                   # 💼 🙃 M 📨 諞 👺 💽 🥋 🐠
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## www.definition.com

## www.definition.com
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```
# Pubmodp:/12.31-35-106-

tags = {
    Name = "my-igw"
    }
}

resource "aws_route_table" "my_route_table" {
    vpc_id = aws_vpc.my_vpc.id
    route {
        cidr_block = "0.0.0.0/0"
        gateway_id = aws_internet_gateway.my_igw.id
    }

tags = {
        Name = "my-route-table"
    }
}

resource "aws_subnet" "my_subnet" {
    vpc_id = aws_vpc.my_vpc.id
    cidr_block = "10.0.1.0/24"
    man_public_ip_on_launch = true

tags = {
        Name = "my-subnet"
    }
}

resource "aws_security_group" "my_sg" {
        vpc_id = aws_vpc.my_vpc.id

        tags = {
            Name = "my-subnet"
    }
}

resource "aws_security_group" "my_sg" {
        vpc_id = aws_vpc.my_vpc.id

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## Pypehere to search
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## Description | Description |
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