

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

Answer:

```
sudo terraform destroy
```

```
Plan: 0 to add, 0 to change, 2 to destroy.
```

```
Do you really want to destroy all resources?
```

```
Terraform will destroy all your managed infrastructure, as shown above.
```

```
There is no undo. Only 'yes' will be accepted to confirm.
```

```
Enter a value: yes
```

```
aws_instance.Ins3-1: Destroying... [id=i-0386a61c1898a06e9]
```

```
aws_instance.Ins3-2: Destroying... [id=i-07499ea28647260b1]
```

```
aws_instance.Ins3-1: Still destroying... [id=i-0386a61c1898a06e9, 10s elapsed]
```

```
aws_instance.Ins3-2: Still destroying... [id=i-07499ea28647260b1, 10s elapsed]
```

```
aws_instance.Ins3-1: Still destroying... [id=i-0386a61c1898a06e9, 20s elapsed]
```

```
aws_instance.Ins3-2: Still destroying... [id=i-07499ea28647260b1, 20s elapsed]
```

```
aws_instance.Ins3-1: Destruction complete after 30s
```

```
aws_instance.Ins3-2: Still destroying... [id=i-07499ea28647260b1, 30s elapsed]
```

```
aws_instance.Ins3-2: Still destroying... [id=i-07499ea28647260b1, 40s elapsed]
```

```
aws_instance.Ins3-2: Destruction complete after 40s
```

```
Destroy complete! Resources: 2 destroyed.
```

Previous Infra destroyed.

```
sudo mkdir assignment4
cd assignment4
cp ../assignment3/var.tf .
vim main.tf
```

```
provider "aws" {
    region = "us-east-2"
    secret_key = var.secret
    access_key = var.access
}
resource "aws_vpc" "VPC" {
    cidr_block = "10.0.0.0/16"
    tags = {
```

```
        Name = "My-Vpc-1"
    }
}
resource "aws_subnet" "Subnet" {
    cidr_block = "10.0.1.0/24"
    availability_zone = "us-east-2a"
    vpc_id = aws_vpc.VPC.id
    tags = {
        Name = "My-Subnet-1"
    }
}
resource "aws_instance" "Instance4" {
    ami = "ami-0e83be366243f524a"
    instance_type = "t2.micro"
    key_name = "keypair-ravi"
    subnet_id = aws_subnet.Subnet.id
    tags = {
        Name = "Assignment-4"
    }
}
```

```
sudo terraform init
sudo terraform plan
sudo terraform apply
```

Completed.