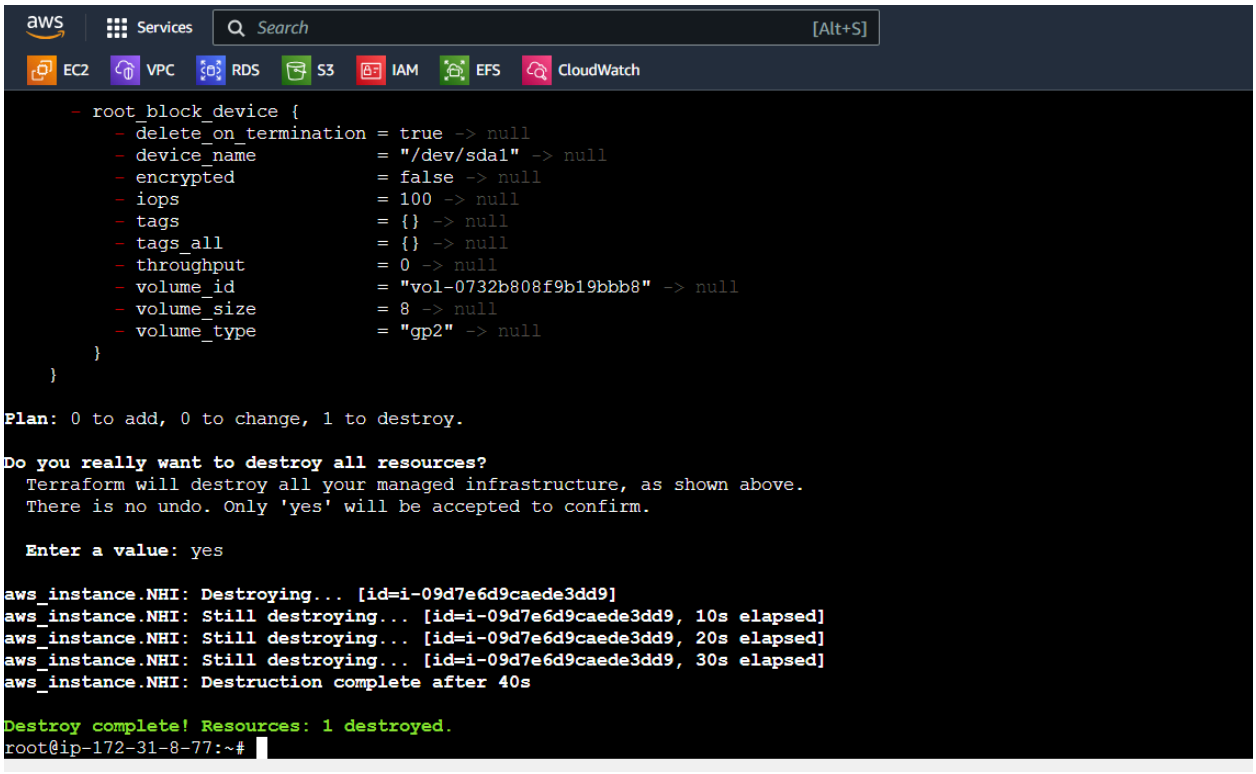
Terraform Assignment - 2

You have been asked to:

● Destroy the previous deployment



● Create a new EC2 instance with an Elastic IP

```
provider "aws" {
  access_key = "AKIAVNPLXOGUOSZZY7UF"
  secret_key = "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"
  region     = "ap-south-1"
}

resource "aws_instance" "NHI" {
  tags = {
    Name = "pointer"
    env = "NHI"
```

```
  }
  ami           = "ami-03bb6d83c60fc5f7c"
  instance_type = "t2.micro"
  key_name = "Newword"
  security_groups = ["default"]
}
resource "aws_eip" "lb" {
   domain   = "vpc"
}
```

```
root@ip-172-31-8-77:~# terraform init

Initializing the backend...

Initializing provider plugins...
- Reusing previous version of hashicorp/aws from the dependency lock file
- Using previously-installed hashicorp/aws v5.40.0

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.

If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
root@ip-172-31-8-77:~# terraform plan
```

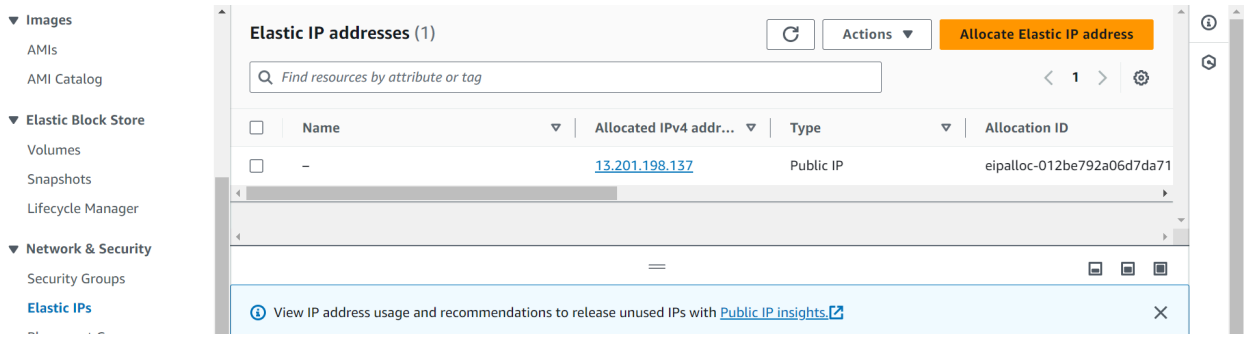
```
Plan: 2 to add, 0 to change, 0 to destroy.

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_eip.lb: Creating...
aws_instance.NHI: Creating...
aws_eip.lb: Creation complete after 0s [id=eipalloc-012be792a06d7da71]
aws_instance.NHI: Still creating... [10s elapsed]
aws_instance.NHI: Still creating... [20s elapsed]
aws_instance.NHI: Still creating... [30s elapsed]
aws_instance.NHI: Creation complete after 32s [id=i-03ef6190f89289132]

Apply complete! Resources: 2 added, 0 changed, 0 destroyed.
```


Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Elastic IP addresses (1)
Actions
Allocate Elastic IP address
Find resources by attribute or tag
1
Name
Allocated IPv4 addr...
Type
Allocation ID
–
13.201.198.137
Public IP
eipalloc-012be792a06d7da71
View IP address usage and recommendations to release unused IPs with Public IP insights.