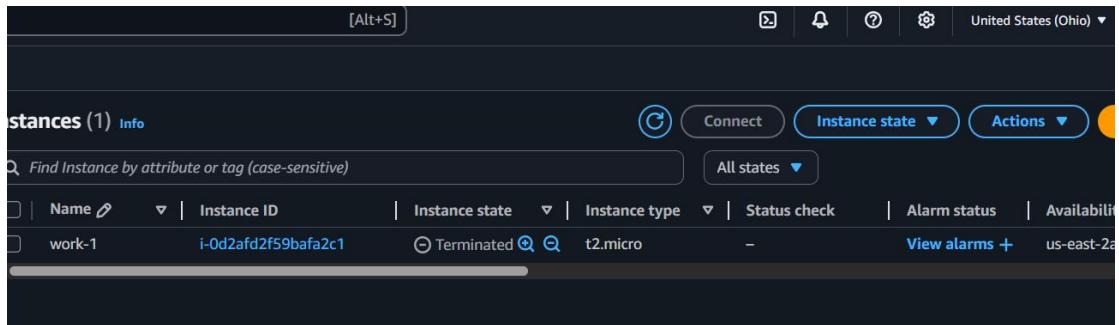


Tasks To Be Performed:

1. Destroy the previous deployment
2. Create a new EC2 instance with an Elastic IP

1. Destroy the previous deployment



2. Create a new EC2 instance with an Elastic IP

```
Assignment 2
=====
provider "aws"{
    region = "us-east-1"
    access_key = "AKIATVK4BHVRIRE5B5OU"
    secret_key = "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"
}
resource "aws_instance" "task-2"{
    ami = "ami-0cae6d6fe6048ca2c"
    instance_type = "t2.micro"
    key_name = "terra-kp"
    tags = {
        Name = "work-1"
    }
}
resource "aws_eip" "elastic"{
}
resource "aws_eip_association" "eip-link"{
    instance_id = aws_instance.task-2.id
    allocation_id = aws_eip.elastic.id
}
```

```
ubuntu@ip-172-31-28-242:~$ terraform plan

Terraform used the selected providers to generate the following execution plan. Resource actions
+ create

Terraform will perform the following actions:

# aws_eip.elastic will be created
+ resource "aws_eip" "elastic" {
    + allocation_id      = (known after apply)
    + arn                = (known after apply)
    + association_id    = (known after apply)
    + carrier_ip         = (known after apply)
    + customer_owned_ip = (known after apply)
    + domain              = (known after apply)
    + id                  = (known after apply)
    + instance             = (known after apply)
    + ipam_pool_id        = (known after apply)
    + network_border_group = (known after apply)
    + network_interface   = (known after apply)
    + private_dns          = (known after apply)
    + private_ip            = (known after apply)
    + ptr_record           = (known after apply)
    + public_dns            = (known after apply)
    + public_ip              = (known after apply)
    + public_ipv4_pool      = (known after apply)
    + region               = "us-east-1"
    + tags_all              = (known after apply)
}
```

i-070c9c1966c5aa13e (terraform)

PublicIPs: 3.89.186.199 PrivateIPs: 172.31.28.242

```
ubuntu@ip-172-31-28-242:~$ terraform apply

Terraform used the selected providers to generate the following execution plan. Resource actions
+ create

Terraform will perform the following actions:

# aws_eip.elastic will be created
+ resource "aws_eip" "elastic" {
    + allocation_id      = (known after apply)
    + arn                = (known after apply)
    + association_id    = (known after apply)
    + carrier_ip         = (known after apply)
    + customer_owned_ip = (known after apply)
    + domain              = (known after apply)
    + id                  = (known after apply)
    + instance             = (known after apply)
    + ipam_pool_id        = (known after apply)
    + network_border_group = (known after apply)
    + network_interface   = (known after apply)
    + private_dns          = (known after apply)
    + private_ip            = (known after apply)
    + ptr_record           = (known after apply)
    + public_dns            = (known after apply)
    + public_ip              = (known after apply)
    + public_ipv4_pool      = (known after apply)
    + region               = "us-east-1"
    + tags_all              = (known after apply)
}
```

i-070c9c1966c5aa13e (terraform)

PublicIPs: 3.89.186.199 PrivateIPs: 172.31.28.242

```

+ metadata_options (known after apply)
+ network_interface (known after apply)
+ primary_network_interface (known after apply)
+ private_dns_name_options (known after apply)
+ root_block_device (known after apply)
}

Plan: 3 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_instance.task-2: Creating...
aws_eip.elastic: Creating...
aws_eip.elastic: Creation complete after 1s [id=eipalloc-09a5ef7afac6f3ce5]
aws_instance.task-2: Still creating... [00m10s elapsed]
aws_instance.task-2: Creation complete after 13s [id=i-03fc598f51f67dab2]
aws_eip_association.eip-link: Creating...
aws_eip_association.eip-link: Creation complete after 2s [id=eipassoc-00738cf5f7413a03a]

Apply complete! Resources: 3 added, 0 changed, 0 destroyed.

```

i-070c9c1966c5aa13e (terraform)

PublicIPs: 3.89.186.199 PrivateIPs: 172.31.28.242

