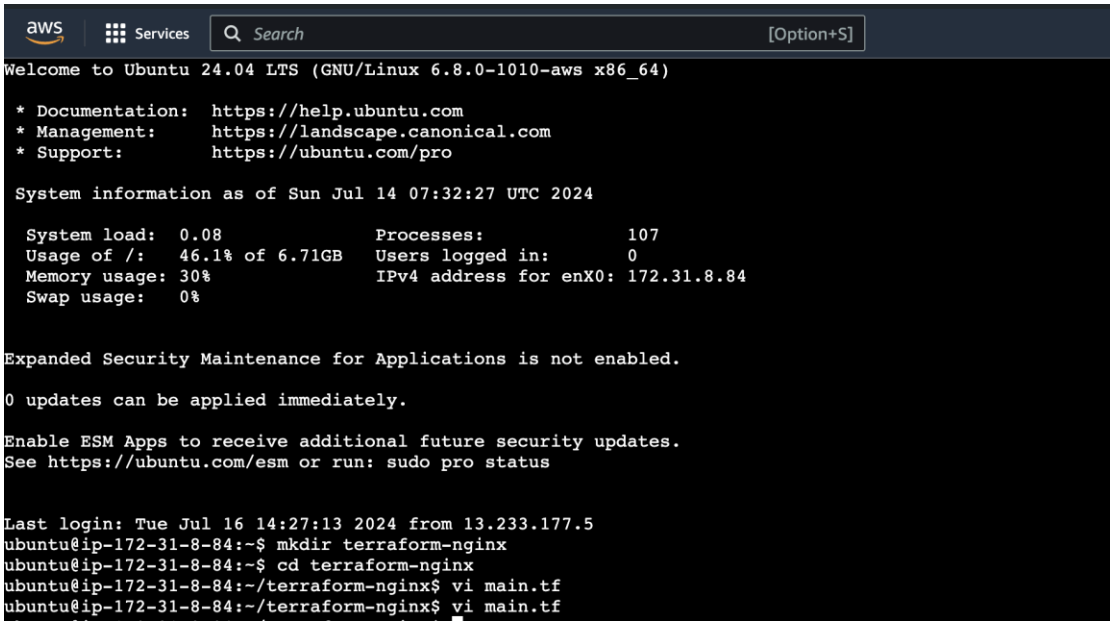
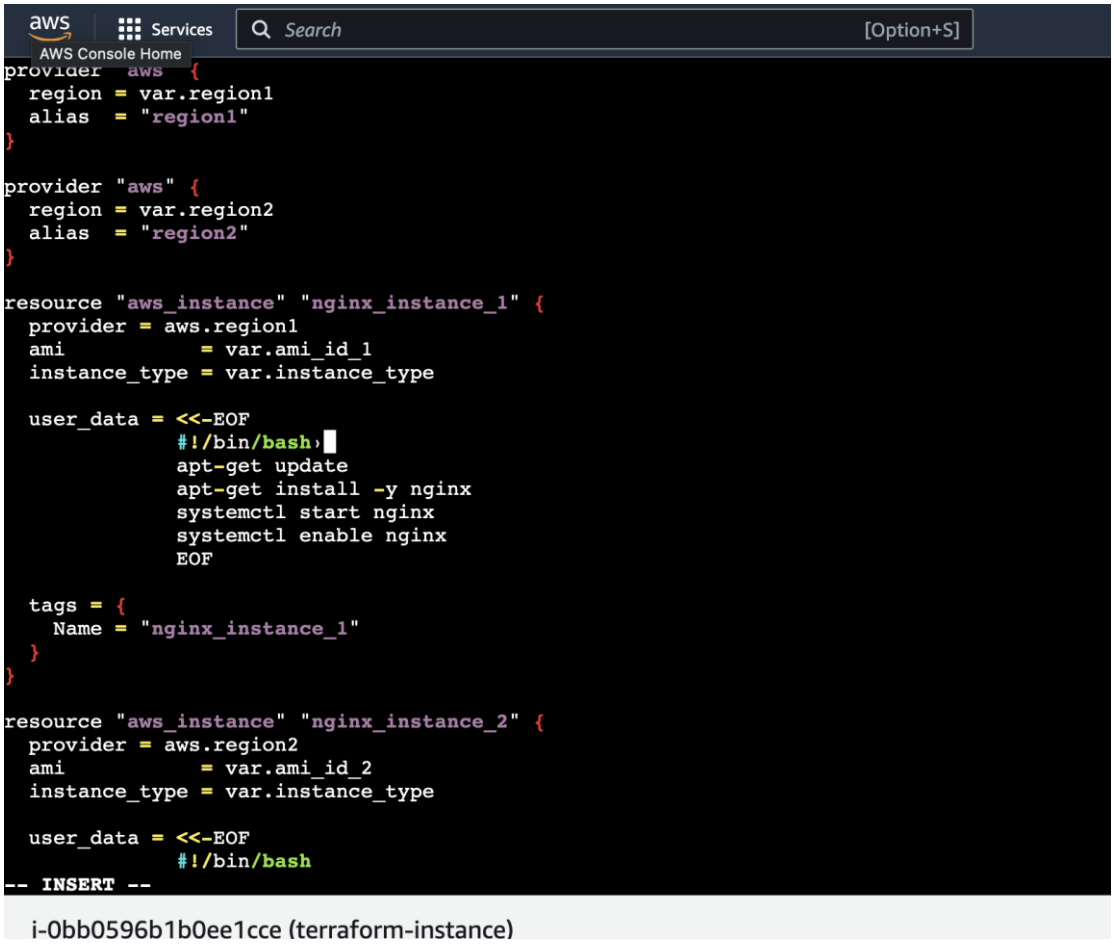
Task – 18

Creating a new directory and writing the main.tf file:





```
  }
}

resource "aws_instance" "nginx_instance_2" {
  provider = aws.region2
  ami           = var.ami_id_2
  instance_type = var.instance_type

  user_data = <<-EOF
              #!/bin/bash
              apt-get update
              apt-get install -y nginx
              systemctl start nginx
              systemctl enable nginx
              EOF

  tags = {
    Name = "nginx_instance_2"
  }
}


-- INSERT --
```

i-0bb0596b1b0ee1cce (terraform-instance)

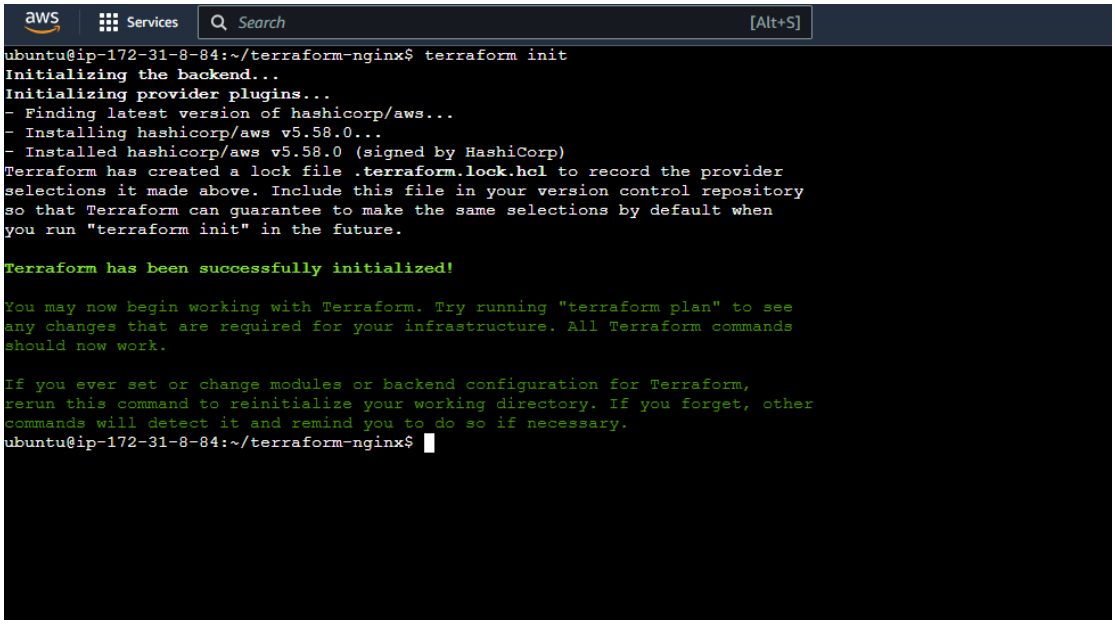
Writing variables.tf file

aws Services Search [Alt+S]

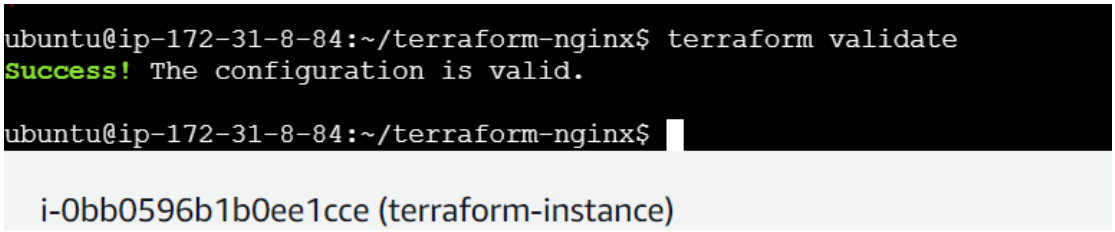
```
variable "region1" {
  description = "The AWS region to deploy the first EC2 instance"
  type        = string
  default     = "ap-south-1"
}

variable "region2" {
  description = "The AWS region to deploy the second EC2 instance"
  type        = string
  default     = "us-east-1"
}

variable "instance_type" {
  description = "The type of instance to deploy"
  type        = string
  default     = "t2.micro"
}

variable "ami_id_1" {
  description = "The ami id of instance 1"
  type = string
  default = "ami-0ad21ae1d0696ad58"
}

variable "ami_id_2" {
  description = "The ami id of instance 2"
  type = string
  default = "ami-04a81a99f5ec58529"
}
~
~
~
~
```

Terraform Initializing and applying

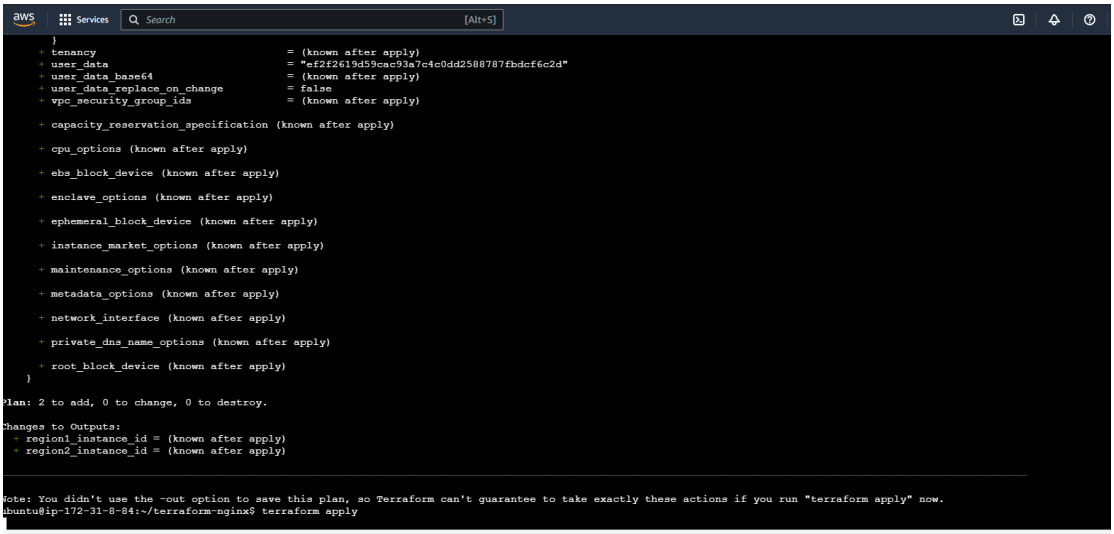
Terraform Init:



Terraform validate:

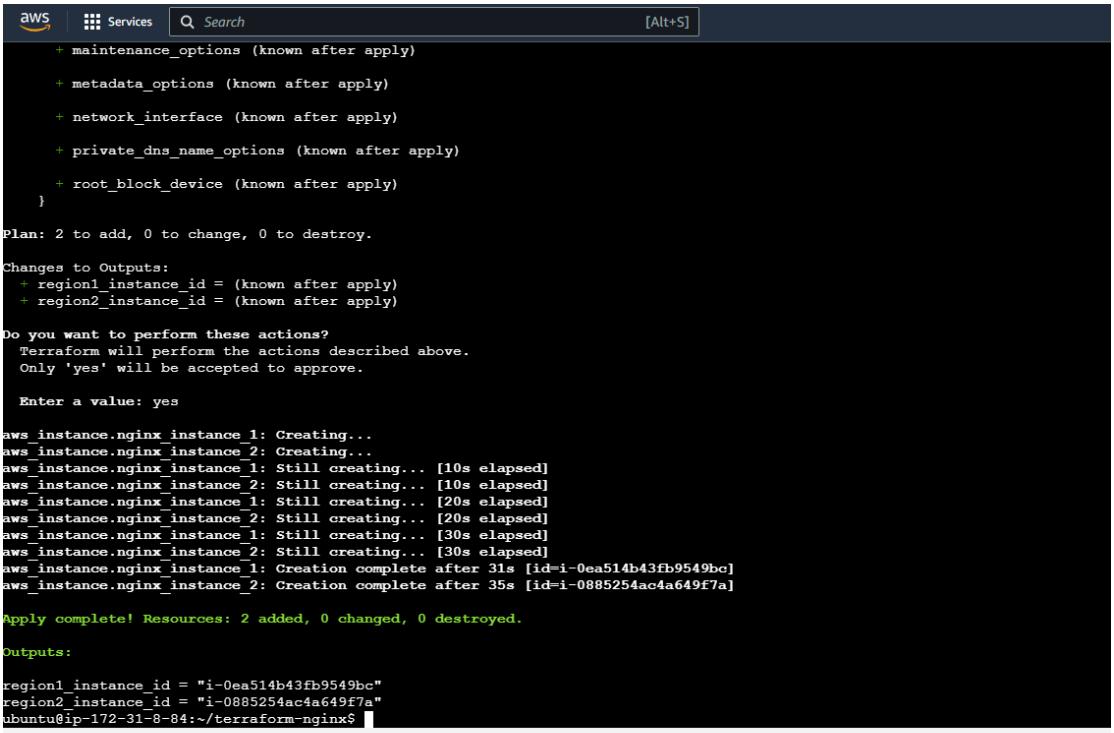


Terraform plan:



i-0bb0596b1b0ee1cce (terraform-instance)

Terraform apply:

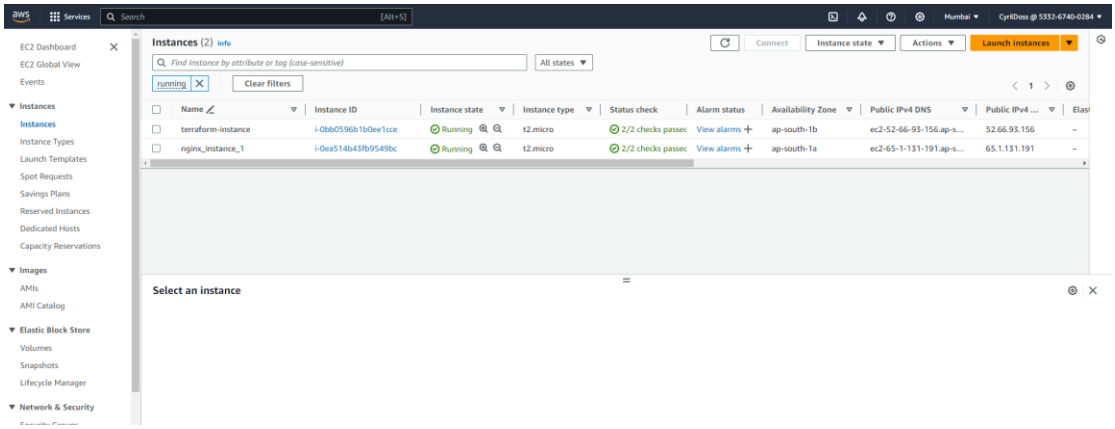


i-0bb0596b1b0ee1cce (terraform-instance)

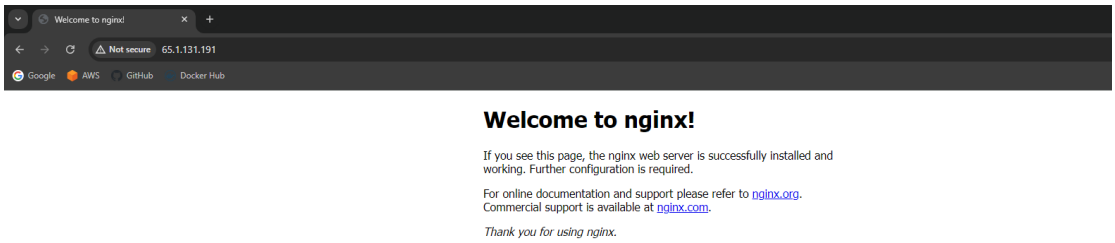
PublicIPs: 52.66.93.156 PrivateIPs: 172.31.8.84

Output

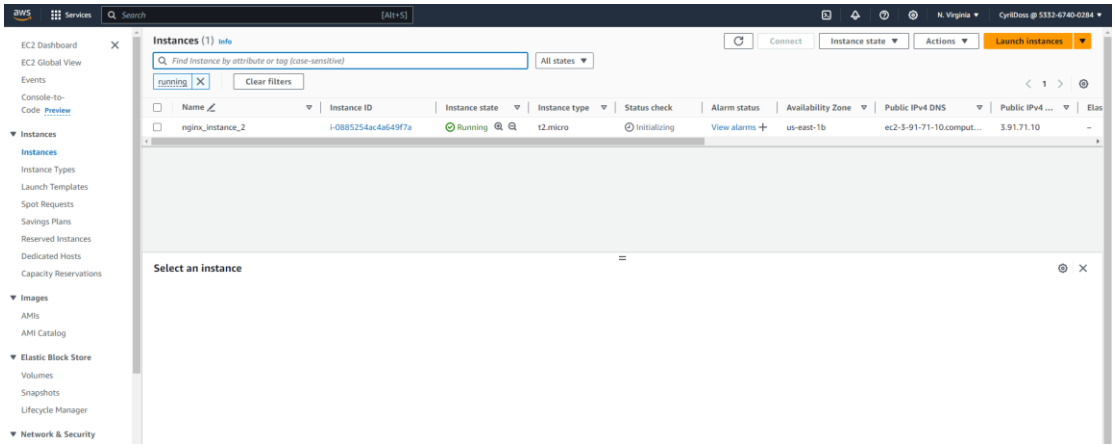
Instance 1:



Accessing Nginx in instance 1:



Instance 2:



Accessing Nginx in instance 2:

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.