provider "aws" {

  region = "ap-southeast-2" # Change to your desired region

}

resource "aws\_instance" "terraform\_ec2" {

  ami           = "ami-0d6560f3176dc9ec0" # Change to a valid AMI ID for your region

  instance\_type = "t3.medium"

  key\_name = "kubernetes"

  tags = {

    Name = "Terraform-EC2-Instance"

  }

}

resource "null\_resource" "update\_directory" {

    provisioner "remote-exec" {

        inline = [

            "mkdir -p /home/ec2-user/my-directory"

            ]

    connection {

        type = "ssh"

        user = "ec2-user"

        private\_key = file("./kubernetes.pem")

        host = aws\_instance.terraform\_ec2.public\_ip

        }

    }

}