Write Terraform script to create a custom VPC and deploy two EC2 VMs on AWS using Terraform.

The code should be broken into three different parts:

Networking (define the VPC and all of itscomponents)

SSH-Key (dynamically create an SSH-key pair for connecting to VMs)

EC2 (deploy a VM in the public subnet, and deploy another VM in a private subnet)

NGINX should be accessed for all the internet

Automate Terraform Deployment with Jenkins Pipelines.

```
terraform-aws-project/
     Jenkinsfile
     ec2
         - main.tf
        - outputs.tf
        – variables.tf
     - main.tf

    networking

        – main.tf
        outputs.tf
      — variables.tf
     - outputs.tf
    – ssh-key
         - main.tf
        – outputs.tf
     terraform.tfstate
    terraform.tfstate.backup
    variables.tf
```

```
module.ec2.aws_instance.private_vm: Creating...
module.networking.aws_vpc.custom_vpc: Still creating... [10s elapsed]
module.networking.aws_vpc.custom_vpc: Creation complete after 15s [id=vpc-0a9886a5785ad0ddb]
module.networking.aws_subnet.public_still creating...
module.networking.aws_subnet.public_rc: Creating...
module.networking.aws_subnet.public_rc: Creating...
module.networking.aws_subnet.public_rc: Creating...
module.networking.aws_subnet.public_rc: Creating...
module.networking.aws_subnet.public_rc: Creating...
module.networking.aws_subnet.private_subnet: Creating...[ins elapsed]
module.networking.aws_subnet.private_subnet: Creating...[ins elapsed]
module.networking.aws_subnet.private_subnet: Creation complete after 15 [id=subnet-074addfd6a86a3cf5]
module.networking.aws_subnet.public_tr: Creation complete after 15 [id=jun-09943db4920a4fc2ff]
module.networking.aws_subnet.public_tr: Creation complete after 15 [id=jun-09943db4920a4fc2ff]
module.networking.aws_route.public_tr: Creation complete after 15 [id=jun-09943db4920a4fc2ff]
module.networking.aws_route.public_tr: Creation complete after 15 [id=jun-09943db4920a4fc2ff]
module.networking.aws_route.public_tr: Creation complete after 15 [id=jun-09943db494dfb80948d]
module.networking.aws_route.public_trinct_route: Creating...
module.networking.aws_route.public_trinct_route: Creating...
[10s elapsed]
module.networking.aws_note.public_subnet: Still creating... [10s elapsed]
module.networking.aws_note.public_vm: Still creating...[10s elapsed]
module.networking.aws_note.public_vm: Still creating...[10s elapsed]
module.networking.aws_note_table_association.public_subnet_ssociation: Creation.creation...
module.networking.aws_note_table_association.public_subnet_ssociation: Creation.creation.creation...
module.networking.aws_note_table_association.public_subnet_ssociation.public_subnet_ssociation.public_subnet_ssociation.public_subnet_ssociation.public_subnet_ssociation.public_subnet_ssociation.public_subnet_ssociation.public_subnet_ssociation.public_subnet_ssocia
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