ASSIGNMENT 01

Qno. 01

- Create one IAM user and one IAM Group using Terraform.
- Make sure you will use variables for names of IAM users and Group.
- Note: Below files are required. main.tf variables.tf your_name_custom.tfvars

Answer:

→ Create main.tf file:

This file will contain the main Terraform configuration, including the definition of the IAM user and IAM group.

→ Create variables.tf file:

This file will contain variable declarations that specify the names of the IAM user and IAM group.

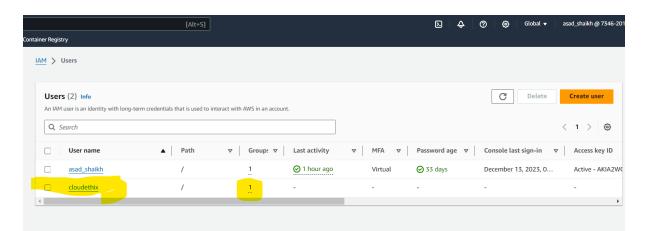
→ Create your_name_custom.tfvars file:

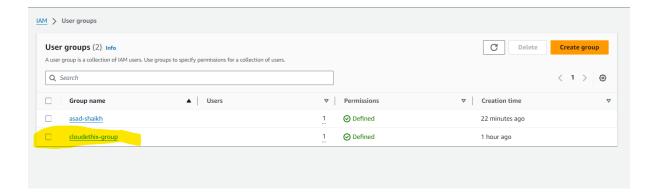
This file will contain the actual values for the variables declared in variables.tf. Replace "your_name" with your actual name in the filename.

- → Run Terraform commands:
- → Initialize Terraform with terraform init.
- → Apply the configuration using terraform apply -var-file=asad.tfvars.

```
asad@ASAD-PC-3313:/mnt/d/Devops/Terraform/Assignment_01/Qno_1$ ll
total 12
drwxrwxrwx 1 asad asad 4096 Dec 13 13:35
//
drwxrwxrwx 1 asad asad 4096 Dec 13 08:16
drwxrwxrwx 1 asad asad 4096 Dec 13 09:13
-rwxrwxrwx 1 asad asad 1377 Dec 13 09:14
-rwxrwxrwx 1 asad asad 57 Dec 13 13:34
-rwxrwxrwx 1 asad asad 57 Dec 13 13:32
main.tf*
-rwxrwxrwx 1 asad asad 2104 Dec 13 13:35
terraform.tfstate*
-rwxrwxrwx 1 asad asad 181 Dec 13 13:35
terraform.tfstate.backup*
-rwxrwxrwx 1 asad asad 151 Dec 13 09:47
var.tf*
asad@ASAD-PC-3313:/mnt/d/Devops/Terraform/Assignment_01/Qno_1$
```

```
.sad@ASAD-PC-3313:/mnt/d/Devops/Terraform/Assignment_01/Qno_1$ terraform init
Initializing the backend...
Initializing provider plugins...
 Finding latest version of hashicorp/aws...
 Installing hashicorp/aws v5.30.0..
  Installed hashicorp/aws v5.30.0 (signed by HashiCorp)
Terraform has created a lock file .terraform.lock.hcl to record the provider selections it made above. Include this file in your version control repository
so that Terraform can guarantee to make the same selections by default when
you run "terraform init" in the future.
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
 sad@ASAD-PC-3313:/mnt/d/Devops/Terraform/Assignment_01/Qno_1$ terraform plan
```





Qno. 2

- Create one EC2 Instance and Elastic IP using Terraform
- Map elastic IP with EC2 instance

```
= (known after apply)
     + name
       name_prefix
                                   = (known after apply)
       owner_id
                                   = (known after apply)
    # aws_default_subnet.default will be created
+ resource "aws_default_subnet" "default" {
                                                                 = (known after apply)
       assign_ipv6_address_on_creation
availability_zone
availability_zone_id
                                                                   false
                                                                   "us-east-1a"
                                                                   (known after apply)
                                                                   (known after apply)
       cidr_block
       enable_dns64
enable_lni_at_device_index
                                                                   false
                                                                   (known after apply)
       enable_resource_name_dns_a_record_on_launch =
enable_resource_name_dns_aaaa_record_on_launch =
                                                                   false
false
       existing_default_subnet
                                                                   (known after apply)
       force_destroy
                                                                   false
                                                                   (known after apply)
(known after apply)
     + id
       ipv6_cidr_block
ipv6_cidr_block_association_id
                                                                   (known after apply)
       ipv6_native
                                                                   false
       map_public_ip_on_launch
                                                                   true
                                                                   (known after apply)
       outpost_arn
                                                                   (known after apply)
       owner_id
                                                                   (known after apply)
(known after apply)
       private_dns_hostname_type_on_launch
       tags_all
     + vpc_id
                                                                 = (known after apply)
```

```
# aws_default_vpc.default will be created
+ resource "aws_default_vpc" "default" {
                                                                     = (known after apply)
       + arn
          cidr block
         default_network_acl_id
default_route_table_id
default_security_group_id
dhcp_options_id
          enable_dns_hostnames
                                                                         true
         enable_dns_support = enable_network_address_usage_metrics =
                                                                         true
                                                                        (known after apply)
(known after apply)
          existing_default_vpc
                                                                        false
(known after apply)
          force_destroy
          id
                                                                        (known after apply)
          instance_tenancy
          ipv6_association_id
                                                                        (known after apply)
          ipv6_cidr_block = (known after apply)
ipv6_cidr_block_network_border_group = (known after apply)
                                                                     = (known after apply)
= (known after apply)
          main_route_table_id
          owner_id
                                                                     = (known after apply)
          tags_all
# aws_eip.one will be created
   resource "aws_eip" "one" {
                                          = (known after apply)
       + allocation_id
                                          = (known after apply)
= (known after apply)
= (known after apply)
= "vpc"
          association_id
          carrier_ip
          customer_owned_ip
          domain
                                           = (known after apply)
          id
         instance = (known after apply)
network_border_group = (known after apply)
network_interface = (known after apply)
private_dns = (known after apply)
                                           = (known after apply)
= (known after apply)
          private_ip
          public_dns
                                          = (known after apply)
= (known after apply)
         public_ip
public_ipv4_pool
                                           = (known after apply)
          tags_all
                                            = (known after apply)
          vpc
          instance.web will be created
```

```
# aws_instance.web will be created
 resource "aws_instance" "web" {
                                                = "ami-0230bd60aa48260c6"
    + ami
                                                = (known after apply)
    + arn
    + associate_public_ip_address
+ availability_zone
                                                = (known after apply)
                                                = (known after apply)
    + cpu_core_count
                                                = (known after apply)
    + cpu_threads_per_core
+ disable_api_stop
                                                = (known after apply)
= (known after apply)
      disable_api_termination
                                                = (known after apply)
      ebs_optimized
                                                = (known after apply)
                                                = false
      get_password_data
      host_id
host_resource_group_arn
                                                = (known after apply)
                                                = (known after apply)
      iam_instance_profile
                                                = (known after apply)
      id
                                                = (known after apply)
      instance_initiated_shutdown_behavior = (known after apply)
      instance_lifecycle
instance_state
                                                = (known after apply)
= (known after apply)
                                                = "t2.micro"
      instance_type
                                                = (known after apply)
      ipv6_address_count
                                                = (known after apply)
      ipv6_addresses
      key_name
monitoring
                                                = "cloudethix"
                                                = (known after apply)
      outpost_arn
                                                = (known after apply)
      password_data
                                                = (known after apply)
                                                = (known after apply)
      placement_group
                                                = (known after apply)
= (known after apply)
      placement_partition_number
      primary_network_interface_id
      private_dns
                                                = (known after apply)
                                                = (known after apply)
      private_ip
                                                = (known after apply)
      public_dns
                                                = (known after apply)
= (known after apply)
      public_ip
      secondary_private_ips
      security_groups
                                                = (known after apply)
      spot_instance_request_id
                                                = (known after apply)
                                                = (known after apply)
    + subnet_id
    + tags
+ "Name" = "Asad"
                                                = {
                                                = {
      tags_all
         -
| "Name" = "Asad"
```

```
tags
+ "Name" = "Asad"
        tags_all
+ "Name" = "Asad"
                                                            = {
                                                            = (known after apply)
= (known after apply)
= (known after apply)
      + tenancy
     + user_data
      + user_data_base64
      + user_data_replace_on_change
                                                            = false
      + vpc_security_group_ids
                                                            = (known after apply)
      + network_interface {
           + delete_on_termination = false
              device_index
                                           = 0
              network_card_index
                                            = 0
              network_interface_id = (known after apply)
   3
# aws_network_interface.test will be created
+ resource "aws_network_interface" "test" {
                                           + arn
        id
        interface_type
ipv4_prefix_count
        ipv4_prefixes
        ipv6_address_count
        ipv6_address_list = (known
ipv6_address_list_enabled = false
        ipv6_addresses
                                     = (known after apply)
                                            = (known after apply)
= (known after apply)
        ipv6_prefix_count
        ipv6_prefixes
                                           = (known after apply)
= (known after apply)
        mac_address
     + outpost_arn
                                           = (known after apply)
= (known after apply)
= (known after apply)
= (known after apply)
      + owner_id
     + private_dns_name
        private_ip
private_ip_list
        private_ip_list_enabled = false
private_ips = (known after apply)
private_ips = (known after apply)
security_groups = (known after apply)
        security_groups
source_dest_check
                                            = true
        subnet_id
                                             = (known after apply)
        tags_all
                                            = (known after apply)
```

```
Plan: 6 to add, 0 to change, 0 to destroy.

aws_default_vpc.default: Creating...

aws_default_subnet.default: Creating...

aws_default_subnet.default: Creation complete after 2s [id=subnet-0921d6afa0e7fd077]

aws_default_vpc.default: Creation complete after 4s [id=vpc-0d476bdc608fbb79a]

aws_default_security_group.default: Creating...

aws_default_security_group.default: Creation complete after 4s [id=sg-002fff51ee1d2bad5]

aws_network_interface.test: Creating...

aws_network_interface.test: Creation complete after 1s [id=eni-08565ee1c79bf39c6]

aws_instance.web: Creating...

aws_instance.web: Still creating... [10s elapsed]

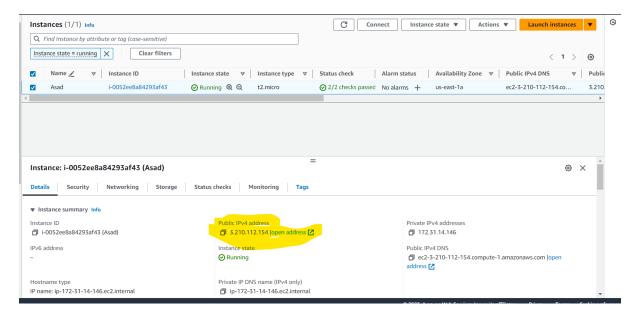
aws_instance.web: Still creating... [20s elapsed]

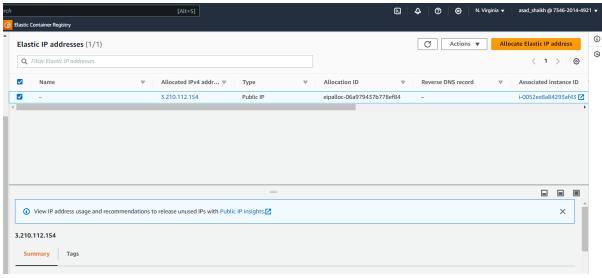
aws_instance.web: Still creating... [30s elapsed]

aws_instance.web: Creation complete after 35s [id=i-0052ee8a84293af43]

aws_eip.one: Creation complete after 3s [id=eipalloc-06a979437b778ef84]

Apply complete! Resources: 6 added, 0 changed, 0 destroyed.
```





Qno. 3

- Create AWS VPC with Terraform.
- Please follow the given link for more on AWS VPC creation.
- 1. Create a VPC.
- 2. Create 2 Public Subnet & Create 2 Private Subnet.
- 3. Create IGW (Internet Gateway) & Attach to the VPC.
- 4. Create Public and Private Route Table.
- 5. Add IGW in Public Route table (0.0.0.0/0).
- 6. Add Public Subnet (1a & 1b) in Route table.
- 7. Create a NAT Gateway in Public Subnet.
- 8. Add NAT GW into the Private Route Table.
- 9. Add Private Subnet in Private Route Table.

Answer

→ Created VPC

```
# aws_internet_gateway.igw will be created
+ resource "aws_internet_gateway" "igw" {
             = (known after apply)
   + arn
               = (known after apply)
   + id
    + owner_id = (known after apply)
    + tags
              = {
        + "Name" = "Test IGW"
      }
    + tags_all = {
       + "Name" = "Test IGW"
    + vpc_id = (known after apply)
  }
# aws_nat_gateway.nat_1 will be created
+ resource "aws_nat_gateway" "nat_1" {
                                           = (known after apply)
   + allocation_id
                                             (known after apply)
    + association_id
   + connectivity_type
                                           = "public"
    + id
                                           = (known after apply)
   + network_interface_id
                                           = (known after apply)
    + private_ip
                                           = (known after apply)
   + public_ip = (known after apply)
+ secondary_private_ip_address_count = (known after apply)
                                          = (known after apply)
    + secondary_private_ip_addresses
    + subnet_id
                                           = (known after apply)
                                           = {
    + tags
       + "Name" = "nat1"
      }
    + tags_all
                                          = {
       + "Name" = "nat1"
 }
```

```
# aws_route_table.private-route-table will be created
+ resource "aws_route_table" "private-route-table" {
                       = (known after apply)
= (known after apply)
    + arn
    + id
                       = (known after apply)
   + owner_id
    + propagating_vgws = (known after apply)
                       = [
    + route
       + {
            + carrier_gateway_id
            + cidr_block
                                          = "0.0.0.0/0"
            + core_network_arn
            + destination_prefix_list_id = ""
            + egress_only_gateway_id
              gateway_id
            + ipv6_cidr_block
            + local_gateway_id
                                         = (known after apply)
            + nat_gateway_id
                                         = ""
              network_interface_id
                                         = ""
              transit_gateway_id
            + vpc_endpoint_id
            + vpc_peering_connection_id = ""
     ]
    + tags
                       = {
        + "Name" = "Private Route Table"
     tags_all
                       = {
       + "Name" = "Private Route Table"
    + vpc_id
                       = (known after apply)
```

```
# aws_route_table.public-route-table will be created
+ resource "aws_route_table" "public-route-table" {
                      = (known after apply)
   + arn
                       = (known after apply)
   + id
                      = (known after apply)
   + owner_id
    + propagating_vgws = (known after apply)
    + route
                      = [
       + {
           + carrier_gateway_id
            + cidr_block
                                         = "0.0.0.0/0"
                                         = ""
            + core_network_arn
            + destination_prefix_list_id = ""
            + egress_only_gateway_id
                                         = (known after apply)
            + gateway_id
            + ipv6_cidr_block
                                        = ""
            + local_gateway_id
                                         = ""
            + nat_gateway_id
            + network_interface_id
                                        = ""
            + transit_gateway_id
            + vpc_endpoint_id
            + vpc_peering_connection_id = ""
         },
     tags
        + "Name" = "Public Route Table"
    + tags_all
                      = {
          "Name" = "Public Route Table"
    + vpc_id
                      = (known after apply)
```

```
# aws_subnet.private-app-subnet-1 will be created
 resource "aws_subnet" "private-app-subnet-1" {
                                                        = (known after apply)
    + arn
    + assign_ipv6_address_on_creation
                                                          false
    + availability_zone
                                                        = "us-east-1a"
    + availability_zone_id
                                                        = (known after apply)
    + cidr_block
                                                          "10.0.128.0/18"
    + enable_dns64
                                                        = false
    + enable_resource_name_dns_a_record_on_launch
                                                        = false
    + enable_resource_name_dns_aaaa_record_on_launch = false
                                                        = (known after apply)
                                                        = (known after apply)
    * ipv6_cidr_block_association_id
                                                        = false
    + ipv6_native
    + map_public_ip_on_launch
                                                        = false
                                                       = (known after apply)
    + owner_id
    + private_dns_hostname_type_on_launch
                                                       = (known after apply)
    + tags
        <u>+ "Name" = "Private Subnet 1 "</u>
                                                       = {
    + tags_all
        * "Name" = "Private Subnet 1 "
                                                       = (known after apply)
    + vpc_id
# aws_subnet.private-app-subnet-2 will be created
+ resource "aws_subnet" "private-app-subnet-2" {
    + arn
                                                        = (known after apply)
    + assign_ipv6_address_on_creation
                                                        = false
    + availability_zone
                                                        = "us-east-1b"
    + availability_zone_id
                                                        = (known after apply)
    + cidr_block
                                                          "10.0.192.0/18"
      enable_dns64
                                                        = false
      enable_resource_name_dns_a_record_on_launch
                                                        = false
      enable_resource_name_dns_aaaa_record_on_launch = false
    + id
                                                        = (known after apply)
    + ipv6_cidr_block_association_id
                                                        = (known after apply)
    + ipv6_native
                                                       = false
      map_public_ip_on_launch
                                                       = false
    + owner_id
                                                       = (known after apply)
                                                       = (known after apply)
     private_dns_hostname_type_on_launch
    + tags
         + "Name" = "Private Subnet 2 "
    + tags_all
                                                       = {
          "Name" = "Private Subnet 2 "
```

```
# aws_subnet.public-web-subnet-1 will be created
+ resource "aws_subnet" "public-web-subnet-1" {
   + arn
                                                    = (known after apply)
   + assign_ipv6_address_on_creation
                                                    = false
                                                    = "us-east-1a"
   + availability_zone
                                                    = (known after apply)
   + availability_zone_id
   + cidr_block
                                                    = "10.0.0.0/18"
   + enable_dns64
                                                    = false
                                                    = false
   + enable_resource_name_dns_a_record_on_launch
   + enable_resource_name_dns_aaaa_record_on_launch = false
                                                    = (known after apply)
   + id
                                                    = (known after apply)
   + ipv6_cidr_block_association_id
   + ipv6_native
                                                    = false
   map_public_ip_on_launch
                                                    = true
   + owner_id
                                                    = (known after apply)
   + private_dns_hostname_type_on_launch
                                                    = (known after apply)
   + tags
                                                    = {
       + "Name" = "Public Subnet 1"
                                                    = {
   + tags_all
       + "Name" = "Public Subnet 1"
                                                    = (known after apply)
   + vpc_id
# aws_subnet.public-web-subnet-2 will be created
+ resource "aws_subnet" "public-web-subnet-2" {
                                                    = (known after apply)
   + assign_ipv6_address_on_creation
                                                    = false
   + availability_zone
                                                    = "us-east-1b"
   + availability_zone_id
                                                    = (known after apply)
   + cidr_block
                                                    = "10.0.64.0/18"
   + enable_dns64
                                                    = false
   + enable_resource_name_dns_a_record_on_launch
                                                    = false
   + enable_resource_name_dns_aaaa_record_on_launch = false
                                                    = (known after apply)
   + id
   + ipv6_cidr_block_association_id
                                                    = (known after apply)
                                                    = false
   + ipv6_native
   map_public_ip_on_launch
                                                    = true
   + owner_id
                                                    = (known after apply)
    + private_dns_hostname_type_on_launch
                                                   = (known after apply)
                                                    = {
       + "Name" = "Public Subnet 2"
    + tags_all
                                                    = {
       + "Name" = "Public Subnet 2"
    + vpc_id
                                                    = (known after apply)
```

```
# aws_vpc.vpc_01 will be created
+ resource "aws_vpc" "vpc_01" {
                                           = (known after apply)
                                           = "10.0.0.0/16"
   + cidr_block
                                           = (known after apply)
   * default_network_acl_id
   + default_route_table_id
                                           = (known after apply)
   + default_security_group_id
                                           = (known after apply)
   + dhcp_options_id
                                           = (known after apply)
   + enable_dns_hostnames
                                           = true
   + enable_dns_support
                                           = true
   + enable_network_address_usage_metrics = (known after apply)
   + id
                                           = (known after apply)
                                           = "default"
   + instance_tenancy
                                           = (known after apply)
   + ipv6_association_id
   + ipv6_cidr_block
                                           = (known after apply)
   + ipv6_cidr_block_network_border_group = (known after apply)
   + main_route_table_id
                                           = (known after apply)
   + owner_id
                                           = (known after apply)
   + tags
        * "Name" = "assig-01"
     }
                                           = {
    + tags_all
       + "Name" = "assig-01"
```

```
Plan: 18 to add, 8 to change, 8 to destroy.

Do you want to perform these actions?

Terreform will perfors the actions described above.
Only 'yes' still be accepted to approve.

Enter a value: yes

ass_vpc.vpc_81: Creating...
ass_eip.eip_nat: Creating...
ass_eip.eip_nat: Creating...
ass_eip.eip_nat: Creating...
ass_eip.eip_nat: Creating...
[Ass_vpc.vpc_81: Still creating... [ids elapsed]

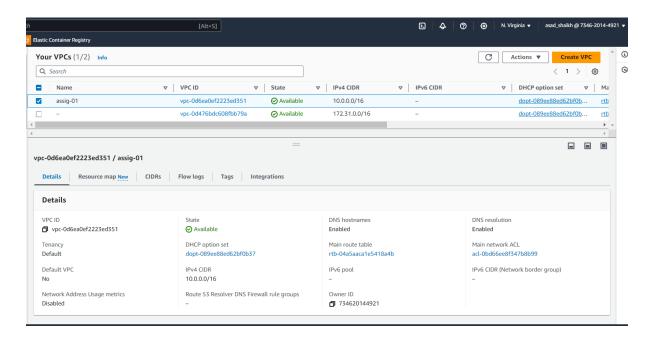
ass_vpc.vpc_81: Still creating... [ids elapsed]

ass_vpc.vpc_81: Still creating... [ids elapsed]

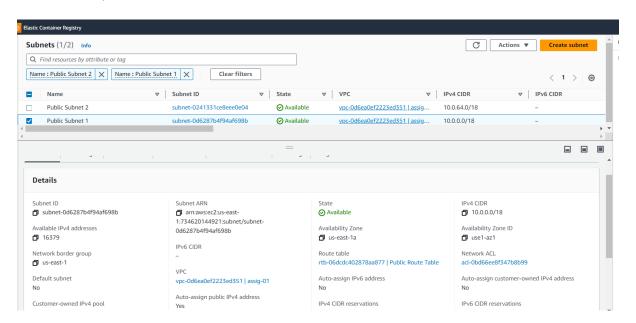
ass_vpc.vpc_91: Still creating... [ids elapsed]

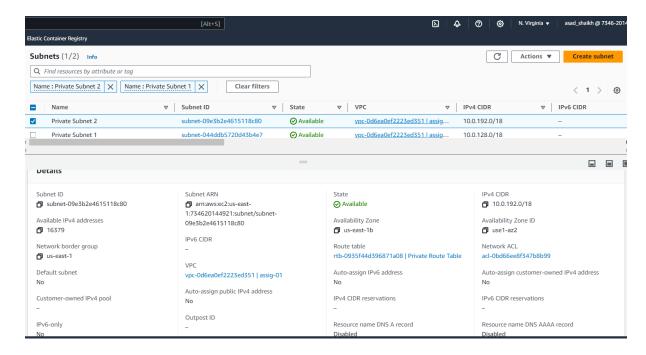
ass_upct_vpc_10: Still creating... [ids elapsed]

ass_upct_vpc_10: Still creating...
ass_subnet.private=aps_subnet-1: Creating...
ass_subnet.private=aps_subnet-1: Creating...
ass_subnet.private=aps_subnet-1: Creating...
ass_subnet.public=wb-subnet-1: Creating...
ass_subnet.private=aps_subnet-1: Creating...
ass_subnet_public=wb-subnet-1: Still creating... [ids elapsed]
ass_subnet_public=wb-subnet-1: Still creating... [ids elapsed]
ass_subnet_public=wb-subnet-1: Creating...
ass_subnet_public=wb-subn
```

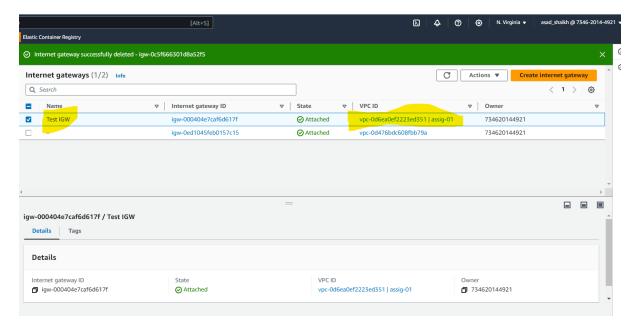


Created 2 public and 2 Private subnets

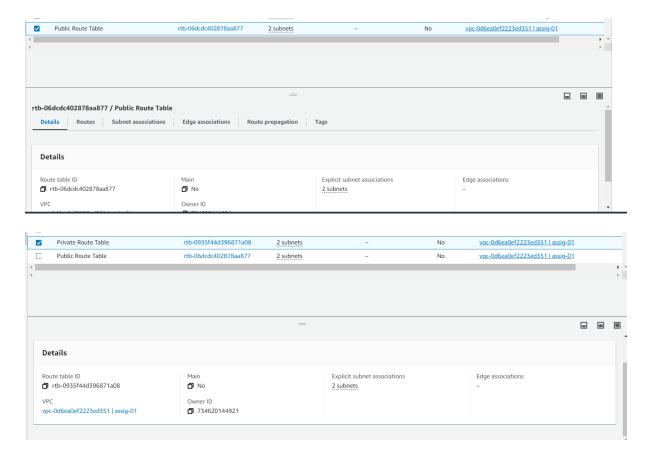




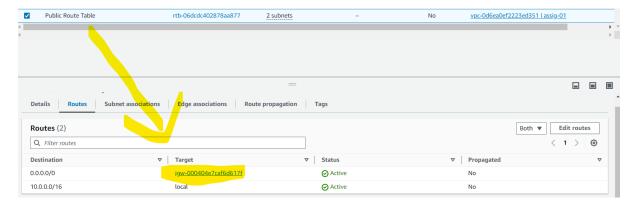
Created Internet Gateway



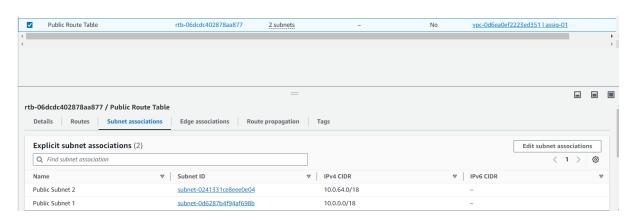
Public and Private route table



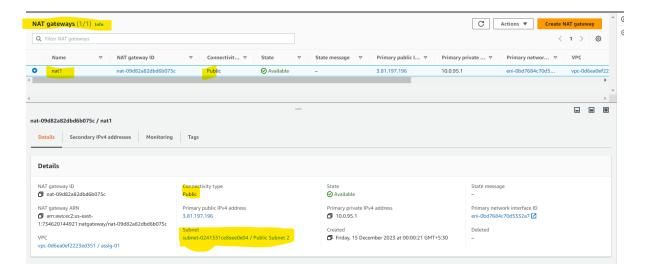
Added Internet gateway in Public route table



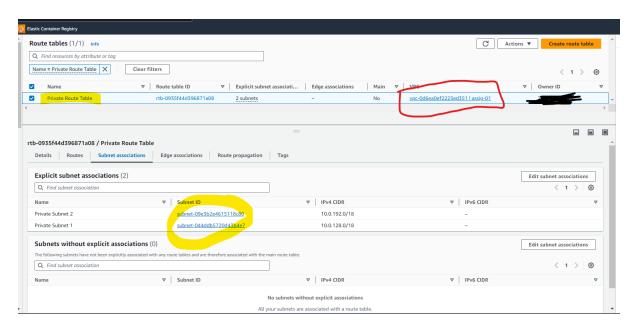
Added 2 Public Subnet in Public Route Table

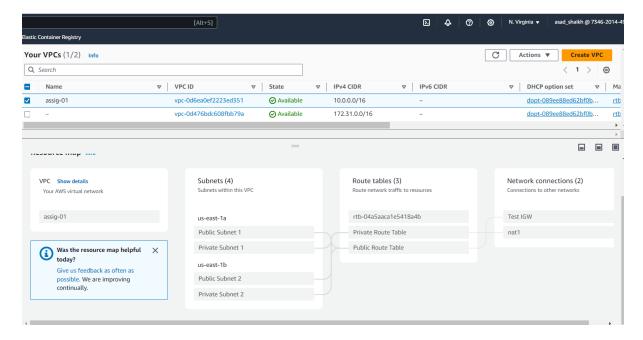


Created NAT gateway in the public subnet



Add Private subnets to Private route table





Qno 4

Create EC2 instance one of the public Subnets of VPC that you have created ● Validate your Connection using SSH

→ Created ec2 instance in previously created vpc and used existing public subnet in it Via data block

```
# amilon_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_min_to_
```

```
Plan: 4 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_key_pair.new: Creating...

aws_security_group.new_instance: Creating...

aws_key_pair.new: Creation complete after 2s [id=terraform-key]

aws_security_group.new_instance: Creation complete after 6s [id=sg-079ac09e2d9098304]

aws_network_interface.test: Creating...

aws_instance.web: Creating...

aws_instance.web: Creating...

aws_network_interface.test: Creation complete after 2s [id=eni-09d03e08011151a34]

aws_instance.web: Still creating... [10s elapsed]

aws_instance.web: Still creating... [20s elapsed]

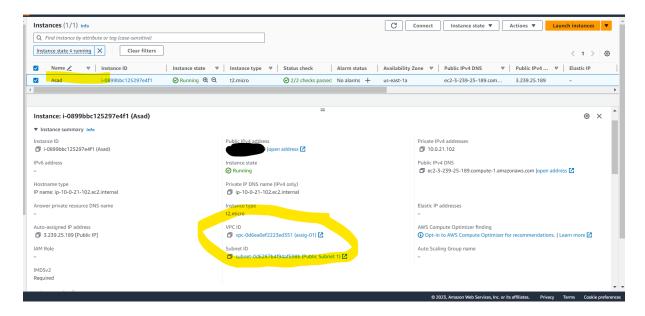
aws_instance.web: Still creating... [30s elapsed]

aws_instance.web: Creation complete after 37s [id=i-06fe898b75f61a785]

Apply complete! Resources: 4 added, 0 changed, 0 destroyed.

asad@ASAD-PC-3313:/mnt/d/Devops/Terraform/Assignment_01/Qno_4$
```

We can see that in console



We can ssh into it as well

```
asad@ASAD-PC-3313:~/.ssh$ ssh -i id_rsa ec2-user@3.231.164.56
ssh: connect to host 3.231.164.56 port 22: Connection timed out
asad@ASAD-PC-3313:~/.ssh$ ssh -i id_rsa ec2-user@3.239.25.189
The authenticity of host '3.239.25.189 (3.239.25.189)' can't be established.
ECDSA key fingerprint is SHA256:xFaQSfC7xiDs/Cki7ePFBNoY69zV7DuARHYxX9vCoQs.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.239.25.189' (ECDSA) to the list of known hosts.
        ####_
                     Amazon Linux 2023
      \_####\
         \###|
                     https://aws.amazon.com/linux/amazon-linux-2023
           \#/
                ·-->
            ۱ ~۷
       _/m/'
[ec2-user@ip-10-0-21-102 ~]$
```

THANK YOU