Assignment 2 Deliverables

Github repo: https://github.com/f16-cit360/cit-360

VPC Info

	ID	CIDR
Default VPC	vpc-6208fa05	172.31.0.0/16

Subnet Information

Name	Subnet ID	CIDR
public_a	subnet-cea292b8	172.31.1.0/24
public_b	subnet-15ebf571	172.31.2.0/24
public_c	subnet-49593611	172.31.3.0/24
public_a	subnet-50a39326	172.31.4.0/22
public_b	subnet-9debf5f9	172.31.8.0/22
public_c	subnet-d559368d	172.31.12.0/22

Routing Tables

Name	ID	Public / Private
public_routing_table	rtb-d3c973b4	public
private_routing_table	rtb-c5c57fa2	private

Public Route Table

Destination	Target
172.31.0.0/16	local
0.0.0.0/0	nat-009d0987e065fec69

Private Route Table

Destination	Target
172.31.0.0/16	local
0.0.0.0/0	igw-880f84ec

Other services

	Name	ID	Route Table ID
Internet Gateway	default_ig	igw-880f84ec	rtb-d3c973b4
NAT Gateway	default_nat	nat-009d0987e065fec69	rtb-c5c57fa2

Instance Info

Instance ID	i-01fb0ba133de9f926
Public IP Address	35.160.101.109
Private IP Address	172.31.1.193
AMI	ami-5ec1673e
Instance Type	t2.micro
Key pair	cit360

Terraform commands: terraform plan, terraform apply, terraform destroy

Creation:

```
aws_route_table.public_routing_table: Creation complete
aws_route_table_association.public_subnet_c_rt_assoc: Creating...
  route_table_id: "" => "rtb-d88933bf"
  subnet_id:      "" => "subnet-aba0cff3"
aws_route_table_association.public_subnet_a_rt_assoc: Creating...
  route_table_id: "" => "rtb-d88933bf"
  subnet_id:      "" => "subnet-df82b2a9"
aws_route_table_association.public_subnet_b_rt_assoc: Creating...
  route_table_id: "" => "rtb-d88933bf"
  subnet_id:      "" => "subnet-938b95f7"
aws_route_table_association.public_subnet_b_rt_assoc: Creation complete
aws_route_table_association.public_subnet_a_rt_assoc: Creation complete
aws_route_table_association.public_subnet_c_rt_assoc: Creation complete
aws_instance.web: Still creating... (10s elapsed)
aws_nat_gateway.gw: Still creating... (10s elapsed)
aws_instance.web: Still creating... (20s elapsed)
aws_nat_gateway.gw: Still creating... (20s elapsed)
aws_instance.web: Still creating... (30s elapsed)
aws_nat_gateway.gw: Still creating... (30s elapsed)
aws_instance.web: Creation complete
aws_nat_gateway.gw: Still creating... (40s elapsed)
aws_nat_gateway.gw: Still creating... (50s elapsed)
aws_nat_gateway.gw: Still creating... (1m0s elapsed)
aws_nat_gateway.gw: Still creating... (1m10s elapsed)
aws_nat_gateway.gw: Still creating... (1m20s elapsed)
aws_nat_gateway.gw: Still creating... (1m30s elapsed)
aws_nat_gateway.gw: Creation complete
aws_route_table.private_routing_table: Creating...
  route.#:                                      "" => "1"
  route.4162769837.cidr_block:                  "" => "0.0.0.0/0"
  route.4162769837.gateway_id:                  "" => ""
  route.4162769837.instance_id:                 "" => ""
  route.4162769837.nat_gateway_id:              "" => "nat-0a6e85267c6031fde"
  route.4162769837.network_interface_id:        "" => ""
  route.4162769837.vpc_peering_connection_id:   "" => ""
  tags.%:                                       "" => "1"
  tags.Name:                                    "" => "private_routing_table"
  vpc_id:                                       "" => "vpc-6208fa05"
aws_route_table.private_routing_table: Creation complete
aws_route_table_association.private_subnet_b_rt_assoc: Creating...
  route_table_id: "" => "rtb-798e341e"
  subnet_id:      "" => "subnet-928b95f6"
aws_route_table_association.private_subnet_c_rt_assoc: Creating...
  route_table_id: "" => "rtb-798e341e"
  subnet_id:      "" => "subnet-aaa0cff2"
aws_route_table_association.private_subnet_a_rt_assoc: Creating...
  route_table_id: "" => "rtb-798e341e"
  subnet_id:      "" => "subnet-dc82b2aa"
aws_route_table_association.private_subnet_a_rt_assoc: Creation complete
aws_route_table_association.private_subnet_b_rt_assoc: Creation complete
aws_route_table_association.private_subnet_c_rt_assoc: Creation complete

Apply complete! Resources: 19 added, 0 changed, 0 destroyed.

The state of your infrastructure has been saved to the path
below. This state is required to modify and destroy your
infrastructure, so keep it safe. To inspect the complete state
use the `terraform show` command.

State path: terraform.tfstate
Keans-MacBook-Pro:terraform keanparto$
```

Deletion:

```
aws_instance.web: Refreshing state... (ID: i-01fb0ba133de9f926)
aws_route_table_association.public_subnet_c_rt_assoc: Refreshing state... (ID: rtbassoc-5c41b53a)
aws_route_table_association.public_subnet_b_rt_assoc: Refreshing state... (ID: rtbassoc-5e41b538)
aws_route_table_association.public_subnet_a_rt_assoc: Refreshing state... (ID: rtbassoc-5f41b539)
aws_nat_gateway.gw: Refreshing state... (ID: nat-0bc5f82a57a2e6a35)
aws_route_table.private_routing_table: Refreshing state... (ID: rtb-91952ff6)
aws_route_table_association.private_subnet_a_rt_assoc: Refreshing state... (ID: rtbassoc-ed41b58b)
aws_route_table_association.private_subnet_b_rt_assoc: Refreshing state... (ID: rtbassoc-ef41b589)
aws_route_table_association.private_subnet_c_rt_assoc: Refreshing state... (ID: rtbassoc-ec41b58a)
aws_route_table_association.private_subnet_b_rt_assoc: Destroying...
aws_route_table_association.private_subnet_a_rt_assoc: Destroying...
aws_instance.web: Destroying...
aws_route_table_association.public_subnet_c_rt_assoc: Destroying...
aws_route_table_association.public_subnet_b_rt_assoc: Destroying...
aws_route_table_association.private_subnet_c_rt_assoc: Destroying...
aws_route_table_association.public_subnet_a_rt_assoc: Destroying...
aws_route_table_association.private_subnet_b_rt_assoc: Destruction complete
aws_subnet.private_subnet_b: Destroying...
aws_route_table_association.private_subnet_a_rt_assoc: Destruction complete
aws_route_table_association.public_subnet_c_rt_assoc: Destruction complete
aws_subnet.private_subnet_a: Destroying...
aws_subnet.public_subnet_c: Destroying...
aws_route_table_association.public_subnet_a_rt_assoc: Destruction complete
aws_route_table_association.private_subnet_c_rt_assoc: Destruction complete
aws_subnet.private_subnet_c: Destroying...
aws_route_table.private_routing_table: Destroying...
aws_subnet.private_subnet_a: Destruction complete
aws_route_table_association.public_subnet_b_rt_assoc: Destruction complete
aws_subnet.public_subnet_b: Destroying...
aws_route_table.public_routing_table: Destroying...
aws_subnet.public_subnet_c: Destruction complete
aws_subnet.private_subnet_c: Destruction complete
aws_subnet.private_subnet_b: Destruction complete
aws_subnet.public_subnet_b: Destruction complete
aws_route_table.private_routing_table: Destruction complete
aws_nat_gateway.gw: Destroying...
aws_route_table.public_routing_table: Destruction complete
aws_instance.web: Still destroying... (10s elapsed)
aws_nat_gateway.gw: Still destroying... (10s elapsed)
aws_instance.web: Still destroying... (20s elapsed)
aws_nat_gateway.gw: Still destroying... (20s elapsed)
aws_instance.web: Still destroying... (30s elapsed)
aws_nat_gateway.gw: Still destroying... (30s elapsed)
aws_instance.web: Still destroying... (40s elapsed)
aws_nat_gateway.gw: Still destroying... (40s elapsed)
aws_nat_gateway.gw: Destruction complete
aws_eip.tuto_eip: Destroying...
aws_eip.tuto_eip: Destruction complete
aws_internet_gateway.gw: Destroying...
aws_instance.web: Still destroying... (50s elapsed)
aws_internet_gateway.gw: Still destroying... (10s elapsed)
aws_internet_gateway.gw: Destruction complete
aws_instance.web: Still destroying... (1m0s elapsed)
aws_instance.web: Destruction complete
aws_security_group.nat: Destroying...
aws_subnet.public_subnet_a: Destroying...
aws_subnet.public_subnet_a: Destruction complete
aws_security_group.nat: Destruction complete

Destroy complete! Resources: 19 destroyed.
Keans-MacBook-Pro:terraform keanparto$ ls -al
```