**Assignment 3 Deliverables**

**Github repo:** tajcarter/cit-360

**VPC Info**

|  |  |  |
| --- | --- | --- |
|  | **ID** | **CIDR** |
| **Default VPC** | vpc-ed8a7b8a | 172.31.0.0/16 |

**Subnet Information**

|  |  |  |
| --- | --- | --- |
| **Name** | **Subnet ID** | **CIDR** |
| public\_a | subnet-26c0c550 | 172.31.0.0/24 |
| public\_b | subnet-3e34d759 | 172.31.1.0/24 |
| public\_c | subnet-88394fd0 | 172.31.2.0/24 |
| private\_a | subnet-39c0c54f | 172.31.8.0/22 |
| private\_b | subnet-3d34d75a | 172.31.4.0/22 |
| private\_c | subnet-89394fd1 | 172.31.12.0/22 |

**Routing Tables**

|  |  |  |
| --- | --- | --- |
| **Name** | **ID** | **Public / Private** |
| public\_routing\_table | rtb-6bc2490c | Public |
| private\_routing\_table | rtb-01c24966 | Private |

**Public Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 172.31.0.0/16 | Local |
| 0.0.0.0/0 | igw-06118c62 |

**Private Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 172.31.0.0/16 | Local |
| 0.0.0.0/0 | nat-0496ab25705d829cb |

**Other services**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **ID** | **Route Table ID** |
| **Internet Gateway** | default\_ig | igw-06118c62 | rtb-6bc2490c |
| **NAT Gateway** | nat | nat-0496ab25705d829cb | rtb-01c24966 |

**Bastion Instance**

|  |  |
| --- | --- |
| **Instance ID** | i-0c0cd58a256006a44 |
| **Public IP Address** | 35.161.222.174 |
| **Private IP Address** | 172.31.0.109 |
| **AMI** | ami-5ec1673e |
| **Instance Type** | t2.micro |
| **Key pair** | cit360 |

**Service ELB**

|  |  |
| --- | --- |
| **Name** | elb |
| **DNS Name** | elb-794800876.us-west-2.elb.amazonaws.com |
| **Listener Port/Protocol** | 80/HTTP |
| **Instance Port/Protocol** | 80/HTTP |
| **Health Check** | healthy\_threshold = 2  unhealthy\_threshold =2  timeout = 5  target = “HTTP:80/”  interval = 30 |
| **Subnets** | [subnet-3e34d759 – us-west-2b](https://console.aws.amazon.com/vpc/home?region=us-west-2" \l "subnets:filter=subnet-3e34d759)/ [subnet-88394fd0 - us-west-2c](https://console.aws.amazon.com/vpc/home?region=us-west-2" \l "subnets:filter=subnet-88394fd0) |
| **Security Group** | [sg-2548165c](https://console.aws.amazon.com/vpc/home?region=us-west-2" \l "securityGroups:filter=sg-2548165c), elb |

**Service RDS**

|  |  |
| --- | --- |
| **Name** | weeb-man |
| **Engine** | MariaDB |
| **Engine Version** | 10.0.24 |
| **Username** | root |
| **Storage Size** | 5gb |
| **Instance Type** | db.t2.micro |
| **Security Group** | allow\_all |

**Service Instances**

|  |  |
| --- | --- |
| **Name** | web\_b |
| **Instance ID** | i-0f605d21b1adeecc2 |
| **Security Group** | access\_all |
| **Private IP Address** | 172.31.5.189 |
| **AMI** | ami-5ec1673e |
| **Instance Type** | t2.micro |
| **Key pair** | cit360 |
| **Service/Port** | tcp/80 |

|  |  |
| --- | --- |
| **Name** | web\_c |
| **Instance ID** | i-06370d2e4f1ee9c46 |
| **Security Group** | access\_all |
| **Private IP Address** | 172.31.12.89 |
| **AMI** | ami-5ec1673e |
| **Instance Type** | t2.micro |
| **Key pair** | cit360 |
| **Service/Port** | tcp/80 |

**Terraform commands:**

**Creation:** terraform apply

**Deletion:** terraform destroy

yes