**Final Deliverables**

**Github repo:** https://github.com/bhiranso/cit-360

**VPC Info**

|  |  |  |
| --- | --- | --- |
|  | **ID** | **CIDR** |
| **Default VPC** | vpc-92d212f5 | 172.31.0.0/16 |

**Subnet Information**

|  |  |  |
| --- | --- | --- |
| **Name** | **Subnet ID** | **CIDR** |
| public\_a | |  |  | | --- | --- | | subnet-db7881bc |  | | |  |  | | --- | --- | | 172.31.1.0/24 |  | |
| public\_b | |  |  | | --- | --- | | subnet-df3d2ea9 |  | | |  |  | | --- | --- | | 172.31.2.0/24 |  | |
| public\_c | |  |  | | --- | --- | | subnet-b7c786ef |  | | |  |  | | --- | --- | | 172.31.3.0/24 |  | |
| private\_a | |  |  | | --- | --- | | subnet-da7881bd |  | | |  |  | | --- | --- | | 172.31.16.0/22 |  | |
| private\_b | |  |  | | --- | --- | | subnet-de3d2ea8 |  | | |  |  | | --- | --- | | 172.31.20.0/22 |  | |
| private\_c | |  |  | | --- | --- | | subnet-a8c786f0 |  | | |  |  | | --- | --- | | 172.31.24.0/22 |  | |

**Routing Tables**

|  |  |  |
| --- | --- | --- |
| **Name** | **ID** | **Public / Private** |
| main\_routing\_table | |  |  | | --- | --- | | rtb-65cea002 |  | | public |
| private\_routing\_table | |  |  | | --- | --- | | rtb-fbcea09c |  | | private |

**Public Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| |  |  | | --- | --- | | 172.31.0.0/16 |  | | local |
| 0.0.0.0/0 | [igw-cb9af2af](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#igws:filter=igw-cb9af2af) |

**Private Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| |  |  | | --- | --- | | 172.31.0.0/16 |  | | local |
| 0.0.0.0/0 | [nat-08625c9a1d8512bc0](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#NatGateways:search=nat-08625c9a1d8512bc0) |

**Other services**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **ID** | **Route Table ID** |
| **Internet Gateway** | default\_ig | |  |  | | --- | --- | | igw-cb9af2af |  | | rtb-65cea002 |
| **NAT Gateway** | nat | nat-08625c9a1d8512bc0 | rtb-65cea002 |

**Bastion Instance**

|  |  |
| --- | --- |
| **Instance ID** | i-0937e5e9ccfb4706b |
| **Public IP Address** | 54.203.149.233 |
| **Private IP Address** | 172.31.1.14 |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | t2.micro |
| **Key pair** | cit360 |

**Service ELB**

|  |  |
| --- | --- |
| **Name** | CITFamilyLB |
| **DNS Name** | CITFamilyLB-2040104317.us-west-2.elb.amazonaws.com (A Record) |
| **Listener Port/Protocol** | 80/http |
| **Instance Port/Protocol** | 80/http |
| **Health Check** | |  |  | | --- | --- | | **Ping Target** | HTTP:80/ | | **Timeout** | 5 seconds | | **Interval** | 30 seconds | | **Unhealthy threshold** | 2 | | **Healthy threshold** | 2 | |
| **Subnets** | subnet-db7881bc |
| **Security Group** | sg-eb190492 |

**Service RDS**

|  |  |
| --- | --- |
| **Name** | databay |
| **Engine** | MariaDB |
| **Engine Version** | 10.0.24 |
| **Username** | Root |
| **Storage Size** | 5 GB |
| **Instance Type** | db.t2.micro |
| **Security Group** | sg-e8190491 |

**Service Instances**

|  |  |
| --- | --- |
| **Name** | webserver-b |
| **Instance ID** | |  |  | | --- | --- | | i-08816dd93f15269e7 |  | |
| **Security Group** | |  |  | | --- | --- | | sg-ec190495 |  | |
| **Private IP Address** | |  |  | | --- | --- | | 172.31.21.39 |  | |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | t2.micro |
| **Key pair** | cit360 |
| **Service/Port** | 22/ssh 80/http |

|  |  |
| --- | --- |
| **Name** | webserver-c |
| **Instance ID** | |  |  | | --- | --- | | i-08219126bf1d20bad |  | |
| **Security Group** | |  |  | | --- | --- | | sg-ec190495 |  | |
| **Private IP Address** | |  |  | | --- | --- | | 172.31.26.223 |  | |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | t2.micro |
| **Key pair** | cit360 |
| **Service/Port** | 22/ssh 80/http |

**Terraform commands:**

**Creation:** terraform plan, terraform apply

**Deletion:** terraform destroy