**Assignment 3 Deliverables**

**Github repo:** evarmentaa

**VPC Info**

|  |  |  |
| --- | --- | --- |
|  | **ID** | **CIDR** |
| **Default VPC** | vpc-4813d72f | 172.16.0.0/16 |

**Subnet Information**

|  |  |  |
| --- | --- | --- |
| **Name** | **Subnet ID** | **CIDR** |
| public\_subneta | subnet-c430dda3 | 172.16.1.0/24 |
| public\_subnetb | subnet-b4c4c3c2 | 172.16.2.0/24 |
| public\_subnetc | subnet-8aaddcd2 | 172.16.3.0/24 |
| private\_a | subnet-c530dda2 | 172.16.16.0/22 |
| private\_b | |  |  | | --- | --- | | subnet-b7c4c3c1 |  | | 172.16.28.0/22 |
| private\_c | subnet-89addcd1 | 172.16.24.0/22 |

**Routing Tables**

|  |  |  |
| --- | --- | --- |
| **Name** | **ID** | **Public / Private** |
| Private\_routing\_table | |  |  | | --- | --- | | rtb-1868fd7f |  | | private |
| Public\_routing\_table | |  |  | | --- | --- | | rtb-be69fcd9 |  | | Public |

**Public Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 172.16.0.0/16 | Local |
| 0.0.0.0/0 | [igw-781d821c](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#igws:filter=igw-781d821c) |

**Private Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 172.16.0.0/16 | Local |
| 0.0.0.0/0 | |  |  | | --- | --- | | [nat-00787e1371d8240d3](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#NatGateways:search=nat-00787e1371d8240d3) |  | |

**Other services**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **ID** | **Route Table ID** |
| **Internet Gateway** | Default\_ig | |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | | igw-781d821c |  | |  | | rtb-be69fcd9 |
| **NAT Gateway** | nat | [nat-00787e1371d8240d3](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#NatGateways:search=nat-00787e1371d8240d3) | |  |  | | --- | --- | | rtb-1868fd7f |  | |

**Bastion Instance**

|  |  |
| --- | --- |
| **Instance ID** | i-001083fd248bce38c |
| **Public IP Address** | 35.164.34.143 |
| **Private IP Address** | 172.16.1.170 |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | t2.micro |
| **Key pair** | Cit-360 |

**Service ELB**

|  |  |
| --- | --- |
| **Name** | Terraform-elb |
| **DNS Name** | terraform-elb-308563777.us-west-2.elb.amazonaws.com |
| **Listener Port/Protocol** | 80 HTTP |
| **Instance Port/Protocol** | 80 HTTP |
| **Health Check** | Healthy threshold = 2 unhealthy threshold = 2 Interval: 30 seconds Timeout: 5 seconds |
| **Subnets** | subnet-b4c4c3c2 (public subnet b)  subnet-8aaddcd2 (public subnet c) |
| **Security Group** |  |

**Service RDS**

|  |  |
| --- | --- |
| **Name** | RDS instance |
| **Engine** | MariaDB |
| **Engine Version** | 10.0.24 |
| **Username** | Admin |
| **Storage Size** | 5 GB |
| **Instance Type** | db.t2.micro |
| **Security Group** | DB security group |

**Service Instances**

|  |  |
| --- | --- |
| **Name** | Webserver-b |
| **Instance ID** | i-0bc1deddac38e588f |
| **Security Group** | Securityweb |
| **Private IP Address** | 172.16.29.255 |
| **AMI** | ami-d2c924b2 |
| **Instance Type** | T2.micro |
| **Key pair** | Cit360 |
| **Service/Port** | Tcp:80 tcp:22 |

|  |  |
| --- | --- |
| **Name** | Webserver-c |
| **Instance ID** | i-0b31aff83987080a1 |
| **Security Group** | securityweb |
| **Private IP Address** | **172.16.24.121** |
| **AMI** | ami-d2c924b2 |
| **Instance Type** | T2.micro |
| **Key pair** | Cit360 |
| **Service/Port** | tcp:80 tcp:22 |

**Terraform commands:**

**Creation:** terraform plan, terraform apply

**Deletion:** terraform destroy