**Final Deliverables**

**Github repo:** evarmentaa

**VPC Info**

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

**Subnet Information**

|  |  |  |
| --- | --- | --- |
| **Name** | **Subnet ID** | **CIDR** |
| |  |  | | --- | --- | | Public Subnet 2a |  | | subnet-41718826 | |  |  | | --- | --- | | 172.16.1.0/24 |  | |
| Public Subnet 2b | |  |  | | --- | --- | | subnet-71263507 |  | | |  |  | | --- | --- | | 172.16.2.0/24 |  | |
| Public Subnet 2c | |  |  | | --- | --- | | subnet-4fcd8c17 |  | | |  |  | | --- | --- | | 172.16.3.0/24 |  | |
| Private Subnet 2a | |  |  | | --- | --- | | subnet-40718827 |  | | |  |  | | --- | --- | | 172.16.16.0/22 |  | |
| Private Subnet 2b | |  |  | | --- | --- | | subnet-c82635be |  | | |  |  | | --- | --- | | 172.16.28.0/22 |  | |
| Private Subnet 2c | |  |  | | --- | --- | | subnet-4ecd8c16 |  | | |  |  | | --- | --- | | 172.16.24.0/22 |  | |

**Routing Tables**

|  |  |  |
| --- | --- | --- |
| **Name** | **ID** | **Public / Private** |
| Public route table | |  |  | | --- | --- | | rtb-ecc9a78b |  | | public |
| Private route table | |  |  | | --- | --- | | rtb-21c7a946 |  | | private |

**Public Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 172.16.0.0/16 | local |
| 0.0.0.0/0 | Igw-6490f800 |

**Private Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 172.16.0.0/16 | Local |
| 0.0.0.0/0 | [nat-0e0f76513e340d23c](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#NatGateways:search=nat-0e0f76513e340d23c) |

**Other services**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **ID** | **Route Table ID** |
| **Internet Gateway** | gw | igw-6490f800 | 0.0.0.0/0 |
| **NAT Gateway** | nat | nat-0e0f76513e340d23c | 0.0.0.0/0 |

**Bastion Instance**

|  |  |  |  |
| --- | --- | --- | --- |
| **Instance ID** | |  |  | | --- | --- | | i-09c5357e223a55739 |  | |
| **Public IP Address** | 35.160.51.117 |
| **Private IP Address** | |  |  | | --- | --- | | 172.16.1.146 |  | |
| **AMI** | (ami-5ec1673e) |
| **Instance Type** | T2.micro |
| **Key pair** | Cit360 |

**Service ELB**

|  |  |
| --- | --- |
| **Name** | elb |
| **DNS Name** | elb-1481301559.us-west-2.elb.amazonaws.com |
| **Listener Port/Protocol** | 80/HTTP |
| **Instance Port/Protocol** | 80/HTTP |
| **Health Check** | |  |  | | --- | --- | | **Timeout** | 5 seconds | | **Interval** | 30 seconds | | **Unhealthy threshold** | 2 | | **Healthy threshold** | 2 | |
| **Subnets** | [subnet-4fcd8c17 - us-west-2c](https://console.aws.amazon.com/vpc/home?region=us-west-2#subnets:filter=subnet-4fcd8c17), [subnet-71263507 - us-west-2b](https://console.aws.amazon.com/vpc/home?region=us-west-2#subnets:filter=subnet-71263507) |
| **Security Group** | elb\_security |

**Service RDS**

|  |  |
| --- | --- |
| **Name** | mydb |
| **Engine** | MariaDB |
| **Engine Version** | 10.0.24 |
| **Username** | root |
| **Storage Size** | 5 GB |
| **Instance Type** | db.t2.micro |
| **Security Group** | Db\_security |

**Service Instances**

|  |  |
| --- | --- |
| **Name** | Webserver-b |
| **Instance ID** | i-0d0953f846b491654 |
| **Security Group** | Web\_server\_security |
| **Private IP Address** | |  |  | | --- | --- | | 172.16.29.111 |  | |
| **AMI** | ami-5ec1673e |
| **Instance Type** | T2.micro |
| **Key pair** | Cit360 |
| **Service/Port** | Tcp/80 |

|  |  |
| --- | --- |
| **Name** | Webserver-c |
| **Instance ID** | i-0f48a92ea99828c87 |
| **Security Group** | Web\_server\_security |
| **Private IP Address** | |  |  | | --- | --- | | 172.16.24.87 |  | |
| **AMI** | ami-5ec1673e |
| **Instance Type** | T2.micro |
| **Key pair** | Cit360 |
| **Service/Port** | Tcp/80 |

**Terraform commands:**

**Creation:** terraform plan, terraform apply

**Deletion:** terraform destroy