**Assignment 3 Deliverables**

**Github repo:** https://github.com/suparno92/cit-360

**VPC Info**

|  |  |  |
| --- | --- | --- |
|  | **ID** | **CIDR** |
| **Default VPC** | vpc-d09f68b7 | 172.31.0.0/16 |

**Subnet Information**

|  |  |  |
| --- | --- | --- |
| **Name** | **Subnet ID** | **CIDR** |
| public\_a | subnet-769e7d11 | 172.31.1.0/24 |
| public\_b | subnet-bc6c69ca | 172.31.2.0/24 |
| public\_c | subnet-35f1866d | 172.31.3.0/24 |
| private\_a | subnet-779e7d10 | 172.31.4.0/22 |
| private\_b | subnet-ba6c69cc | 172.31.8.0/22 |
| private\_c | subnet-37f1866f | 172.31.12.0/22 |

**Routing Tables**

|  |  |  |
| --- | --- | --- |
| **Name** | **ID** | **Public / Private** |
| public\_routing\_table | rtb-4044cc27 | public |
| private\_routing\_table | rtb-1144cc76 | private |

**Public Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 172.31.0.0/16 | local |
| 0.0.0.0/0 | [igw-56ab3632](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#igws:filter=igw-56ab3632) |

**Private Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 172.31.0.0/16 | local |
| 0.0.0.0/0 | [nat-0c62d36ffbfb09c54](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#NatGateways:search=nat-0c62d36ffbfb09c54) |

**Other services**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **ID** | **Route Table ID** |
| **Internet Gateway** | default\_InternetGateway | igw-56ab3632 | rtb-4044cc27 |
| **NAT Gateway** | none | nat-0c62d36ffbfb09c54 | rtb-1144cc76 |

**Bastion Instance**

|  |  |
| --- | --- |
| **Instance ID** | i-0dc3fa07476c4dc00 |
| **Public IP Address** | 35.162.230.117 |
| **Private IP Address** | 172.31.1.15 |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | t2.micro |
| **Key pair** | Cit360 |

**Service ELB**

|  |  |
| --- | --- |
| **Name** | tf-lb-20161119222416468516461rl2 |
| **DNS Name** | tf-lb-20161119222416468516461rl2-2013089009.us-west-2.elb.amazonaws.com |
| **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-bc6c69ca , subnet-35f1866d |
| **Security Group** | [sg-42c39f3b](https://console.aws.amazon.com/vpc/home?region=us-west-2#_blank) |

**Service RDS**

|  |  |
| --- | --- |
| **Name** | main-database-west |
| **Engine** | MariaDB |
| **Engine Version** | 10.0.24 |
| **Username** | suparno |
| **Storage Size** | 5 |
| **Instance Type** | db.t2.micro |
| **Security Group** | [main\_database\_sg](https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#_blank) |

**Service Instances**

|  |  |
| --- | --- |
| **Name** | webserver-b |
| **Instance ID** | i-0169c66ab788a5a89 |
| **Security Group** | [main\_web\_sg](https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#SecurityGroups:groupId=sg-45c39f3c;sort=groupId) |
| **Private IP Address** | 172.31.9.226 |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | T2.micro |
| **Key pair** | cit360 |
| **Service/Port** | HTTP/80 |

|  |  |
| --- | --- |
| **Name** | webserver-c |
| **Instance ID** | i-056a1baaa29751efc |
| **Security Group** | [main\_web\_sg](https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#SecurityGroups:groupId=sg-45c39f3c;sort=groupId) |
| **Private IP Address** | 172.31.14.139 |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | t2.micro |
| **Key pair** | cit360 |
| **Service/Port** | HTTP/80 |

**Terraform commands:**

**Creation:** Terraform apply

**Deletion:** Terraform Destroy