**Assignment 3 Deliverables**

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**Github repo:** https://github.com/Gunner417/cit-360.git

**VPC Info**

|  |  |  |
| --- | --- | --- |
|  | **ID** | **CIDR** |
| **Default VPC** | vpc-bd9664da | 10.0.0.0/16 |

**Subnet Information**

|  |  |  |
| --- | --- | --- |
| **Name** | **Subnet ID** | **CIDR** |
| Public A | subnet-189f9b6e | 10.0.2.0/24 |
| Public B | subnet-189f9b6e | 10.0.2.0/24 |
| Public C | subnet-189f9b6e | 10.0.3.0/24 |
| Private A | subnet-1b9f9b6d | 10.0.16.0/22 |
| Private B | subnet-1b9f9b6d | 10.0.24.0/22 |
| Private C | subnet-8a2958d2 | 10.0.24.0/22 |

**Routing Tables**

|  |  |  |
| --- | --- | --- |
| **Name** | **ID** | **Public / Private** |
| public\_routing\_table | rtb-8f149ee8 | public |
| private\_routing\_table | rtb-53159f34 | private |

**Public Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 10.0.0.0/16 | local |
| 0.0.0.0/0 | [igw-7efa651a](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#igws:filter=igw-7efa651a) |

**Private Route Table**

|  |  |
| --- | --- |
| **Destination** | **Target** |
| 10.0.0.0/16 | local |
| 0.0.0.0/0 | [nat-0004e3acad446ba66](https://us-west-2.console.aws.amazon.com/vpc/home?region=us-west-2#NatGateways:search=nat-0004e3acad446ba66) |

**Other services**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **ID** | **Route Table ID** |
| **Internet Gateway** | default\_ig | default\_ig | |  |  | | --- | --- | | igw-7efa651a | default\_ig |  | |
| **NAT Gateway** | nat-0004e3acad446ba66 | nat-0004e3acad446ba66 |  |

**Bastion Instance**

|  |  |
| --- | --- |
| **Instance ID** | i-03767f8cfd7f5603d |
| **Public IP Address** | 35.161.91.66 |
| **Private IP Address** | 10.0.1.102 |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | T2.micro |
| **Key pair** | Cit360 |

**Service ELB**

|  |  |
| --- | --- |
| **Name** | LoadBalanceOne |
| **DNS Name** | LoadBalanceOne-1361498631.us-west-2.elb.amazonaws.com |
| **Listener Port/Protocol** | 80 |
| **Instance Port/Protocol** | 80 |
| **Health Check** | 10 |
| **Subnets** |  |
| **Security Group** | [sg-8ff2d6f6](https://console.aws.amazon.com/vpc/home?region=us-west-2#securityGroups:filter=sg-8ff2d6f6) |

**Service RDS**

|  |  |
| --- | --- |
| **Name** | rn:aws:rds:us-west-2:657452910646:db:dbzero |
| **Engine** | MariaDB |
| **Engine Version** | 10.0.24 |
| **Username** | Shawn |
| **Storage Size** | 5 |
| **Instance Type** | General Purpose SSD |
| **Security Group** | [rds-launch-wizard (sg-cdf1d5b4)](https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#SecurityGroups:search=sg-cdf1d5b4) |

**Service Instances**

|  |  |
| --- | --- |
| **Name** | **webserver-b** |
| **Instance ID** | **i-036c6f53891ff382c** |
| **Security Group** | [launch-wizard-1](https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#SecurityGroups:groupId=sg-75fade0c;sort=groupId) |
| **Private IP Address** | 10.0.22.115 |
| **AMI** | amzn-ami-hvm-2016.09.0.20161028-x86\_64-gp2 (ami-5ec1673e) |
| **Instance Type** | t2.micro |
| **Key pair** | Cit360 |
| **Service/Port** |  |

|  |  |
| --- | --- |
| **Name** | **webserver-c** |
| **Instance ID** | **i-09be2a513b03e1697** |
| **Security Group** | [launch-wizard-2](https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#SecurityGroups:groupId=sg-72c4e00b;sort=groupId) |
| **Private IP Address** | 10.0.24.213 |
| **AMI** | ami-5ec1673e |
| **Instance Type** | T2.micro |
| **Key pair** | Cit360 |
| **Service/Port** |  |

**Terraform commands: terraform plan, terraform apply, terraform destroy**

**Creation:** terraform apply

**Deletion:** terraform destroy