

## Assignment 3 Deliverables

**Github repo:** <https://github.com/Jacob-Idolor>

### VPC Info

|             | ID           | CIDR          |
|-------------|--------------|---------------|
| Default VPC | vpc-6115e706 | 172.31.0.0/16 |

### Subnet Information

| Name      | Subnet ID       | CIDR           |
|-----------|-----------------|----------------|
| private_a | subnet-bd494ecb | 172.31.60.0/22 |
| private_b | subnet-628a6705 | 172.31.8.0/22  |
| private_c | subnet-927302ca | 172.31.12.0/22 |
| public_a  | subnet-bc494eca | 172.31.25.0/24 |
| public_b  | subnet-208b6647 | 172.31.2.0/24  |
| public_c  | subnet-1c730244 | 172.31.3.0/24  |

### Routing Tables

| Name                 | ID           | Public / Private |
|----------------------|--------------|------------------|
| public_routing_table | rtb-1ff66378 | Public           |
| Priva_routing_table  | rtb-b6f663d1 | private          |

### Public Route Table

| Destination   | Target       |
|---------------|--------------|
| 172.31.0.0/16 | local        |
| 0.0.0.0/0     | igw-948a15f0 |

### Private Route Table

| Destination   | Target                                |
|---------------|---------------------------------------|
| 172.31.0.0/16 | local                                 |
| 0.0.0.0/0     | <a href="#">nat-0247c6cb6e506ad6b</a> |

### Other services

|                  | Name        | ID                    | Route Table ID |
|------------------|-------------|-----------------------|----------------|
| Internet Gateway | default_ig  | igw-948a15f0          | rtb-1ff66378   |
| NAT Gateway      | Nat gateway | nat-0247c6cb6e506ad6b | rtb-b6f663d1   |

### Bastion Instance

|                    |   |
|--------------------|---|
| Instance ID        | i-0043e8662f1f8a670   |
| Public IP Address  | 35.160.46.2   |
| Private IP Address | 172.31.25.80  |
| AMI                | <a href="#">amzn-ami-hvm-2016.09.0.20161028-x86_64-gp2 (ami-5ec1673e)</a> |
| Instance Type      | t2.micro  |
| Key pair           | cit360  |

### Service ELB

|                        |   |
|------------------------|---|
| Name                   | instances -terraform-elb  |
| DNS Name               | instances-terraform-elb-1397584457.us-west-2.elb.amazonaws.com (A Record) |
| Listener Port/Protocol | 80  |
| Instance Port/Protocol | 80  |

|                       |   |
|-----------------------|---|
| <b>Health Check</b>   | Timeout 5 seconds , interval 30 seconds   |
| <b>Subnets</b>        | <a href="#">subnet-1c730244</a> - us-west-2c,<br><a href="#">subnet-208b6647</a> - us-west-2b |
| <b>Security Group</b> | allow_ELB   |

#### Service RDS

|                       |                             |
|-----------------------|-----------------------------|
| <b>Name</b>           | mymariadb                   |
| <b>Engine</b>         | MariaDB                     |
| <b>Engine Version</b> | 10.0.24                     |
| <b>Username</b>       | master                      |
| <b>Storage Size</b>   | 5gb                         |
| <b>Instance Type</b>  | db.t2.micro                 |
| <b>Security Group</b> | <a href="#">sg-89cab2f0</a> |

#### Service Instances

|                           |  |
|---------------------------|--|
| <b>Name</b>               | Webserver-b  |
| <b>Instance ID</b>        | <a href="#">i-02c1bf6e07d5c034e</a>  |
| <b>Security Group</b>     | allow_ssh  |
| <b>Private IP Address</b> | 172.31.2.42  |
| <b>AMI</b>                | <a href="#">amzn-ami-hvm-2016.09.0.20161028-x86_64-gp2</a><br>( <a href="#">ami-5ec1673e</a> ) |
| <b>Instance Type</b>      | t2.micro   |
| <b>Key pair</b>           | cit360   |
| <b>Service/Port</b>       | Curriculum   |

|             |             |
|-------------|-------------|
| <b>Name</b> | webserver-c |
|-------------|-------------|

|                           |   |
|---------------------------|---|
| <b>Instance ID</b>        | i-0b38ef13ab3428718   |
| <b>Security Group</b>     | allow_ssh   |
| <b>Private IP Address</b> | 172.31.3.234  |
| <b>AMI</b>                | <a href="#">amzn-ami-hvm-2016.09.0.20161028-x86_64-gp2 (ami-5ec1673e)</a> |
| <b>Instance Type</b>      | t2.micro  |
| <b>Key pair</b>           | cit360  |
| <b>Service/Port</b>       | Curriculum  |

**Terraform commands:**

**Creation:** apply

**Deletion:** destroy