

Assignment 3 Deliverables

Github repo: [jordanblopez/cit-360](https://github.com/jordanblopez/cit-360)

VPC Info

| | ID | CIDR |
|-------------|--------------|---------------|
| Default VPC | vpc-9bc4d7ff | 172.31.0.0/16 |

Subnet Information

| Name | Subnet ID | CIDR |
|-----------|-----------------|----------------|
| public_a | subnet-35866052 | 172.31.0.0/24 |
| public_b | subnet-57605821 | 172.31.1.0/24 |
| public_c | subnet-e46510bc | 172.31.2.0/24 |
| private_a | subnet-34866053 | 172.31.4.0/22 |
| private_b | subnet-54605822 | 172.31.8.0/22 |
| private_c | subnet-e56510bd | 172.31.12.0/22 |

Routing Tables

| Name | ID | Public / Private |
|-----------------------|--------------|------------------|
| public_routing_table | rtb-ec9b178b | Public |
| private_routing_table | rtb-50941837 | Private |

Public Route Table

| Destination | Target |
|---------------|--------------|
| 172.31.0.0/16 | local |
| 0.0.0.0/0 | igw-be6afada |

Private Route Table

| Destination | Target |
|---------------|-----------------------|
| 172.31.0.0/16 | local |
| 0.0.0.0/0 | nat-00d2682bd273d204d |

Other services

| | Name | ID | Route Table ID |
|------------------|------------|-----------------------|----------------|
| Internet Gateway | default_ig | igw-be6afada | rtb-ec9b178b |
| NAT Gateway | nat | nat-00d2682bd273d204d | rtb-50941837 |

Bastion Instance

| | |
|--------------------|---------------------|
| Instance ID | i-01b6d2854ed1ce9d5 |
| Public IP Address | 35.163.224.62 |
| Private IP Address | 172.31.0.136 |
| AMI | ami-0d57f56d |
| Instance Type | t2.micro |
| Key pair | cit360 |

Service ELB

| | |
|------------------------|---|
| Name | cit360-elb |
| DNS Name | cit360-elb-461823202.us-west-2.elb.amazonaws.com |
| Listener Port/Protocol | 80/HTTP |
| Instance Port/Protocol | 80/HTTP |
| Health Check | healthy_threshold = 2 unhealthy_threshold = 2 timeout = 5 |

| | |
|-----------------------|--------------------------------------|
| | target = "HTTP:80/" interval = 30 |
| Subnets | subnet-576058 / subnet-e46510bc |
| Security Group | sg-29e3b750, elb-sg |

Service RDS

| | |
|-----------------------|----------------------|
| Name | db-cit360 |
| Engine | MariaDB |
| Engine Version | 10.0.24 |
| Username | jlopez |
| Storage Size | 5 GB |
| Instance Type | db.t2.micro |
| Security Group | rds-sg (sg-28e3b751) |

Service Instances

| | |
|---------------------------|---------------------|
| Name | webserver-b |
| Instance ID | i-037dcaceab38b3b2c |
| Security Group | web-server |
| Private IP Address | 172.31.11.136 |
| AMI | ami-d2c924b2 |
| Instance Type | t2.micro |
| Key pair | cit360 |
| Service/Port | tcp/80 |

| | |
|--------------------|---------------------|
| Name | webserver-c |
| Instance ID | i-008d02f190b195c55 |

| | |
|---------------------------|--------------|
| Security Group | web-server |
| Private IP Address | 172.31.14.74 |
| AMI | ami-d2c924b2 |
| Instance Type | t2.micro |
| Key pair | cit360 |
| Service/Port | tcp/80 |

Terraform commands:

Creation: terraform apply \
-var 'password=your-db-password'

OR

terraform apply
var.password
Enter a value: your-db-password

Deletion: terraform destroy > yes