

Assignment 3 Deliverables

Github repo: <https://github.com/ekanders/cit-360>

VPC Info

| | ID | CIDR |
|-------------|--------------|---------------|
| Default VPC | vpc-29bf4d4e | 172.31.0.0/16 |

Subnet Information

| Name | Subnet ID | CIDR |
|--------------------|-----------------|----------------|
| us-west-2b_public | subnet-5e919528 | 172.31.13.0/24 |
| us-west-2a_private | subnet-be49abd9 | 172.31.0.0/22 |
| us-west-2a_public | subnet-bd49abda | 172.31.12.0/24 |
| us-west-2c_private | subnet-fb2253a3 | 172.31.8.0/22 |
| us-west-2b_private | subnet-50919526 | 172.31.4.0/22 |
| us-west-2c_public | subnet-fc2253a4 | 172.31.14.0/24 |

Routing Tables

| Name | ID | Public / Private |
|-----------------------|--------------|------------------|
| public_routing_table | rtb-121c9675 | public |
| private_routing_table | rtb-b61c96d1 | private |

Public Route Table

| Destination | Target |
|---------------|--------|
| 172.31.0.0/16 | local |
| | |

Private Route Table

| Destination | Target |
|---------------|--------|
| 172.31.0.0/16 | local |
| | |

Other services

| | Name | ID | Route Table ID |
|------------------|------------|-----------------------|----------------|
| Internet Gateway | default_ig | igw-5fc05f3b | rtb-121c9675 |
| NAT Gateway | nGw | nat-01ea30ce774b65ec6 | rtb-b61c96d1 |

Bastion Instance

| | |
|--------------------|---------------------|
| Instance ID | i-09d05591a2e56665c |
| Public IP Address | 35.164.140.9 |
| Private IP Address | 172.31.12.191 |
| AMI | ami-5ec1673e |
| Instance Type | t2.micro |
| Key pair | cit360 |

Service ELB

| | |
|------------------------|--|
| Name | tf-lb-201611210251390210713797zq |
| DNS Name | tf-lb-201611210251390210713797zq-91718306.us-west-2.elb.amazonaws.com |
| Listener Port/Protocol | 80 |
| Instance Port/Protocol | 80 |
| Health Check | Ping Target HTTP:80/ Timeout 5 seconds Interval 30 seconds Unhealthy |

| | |
|-----------------------|----------------------------------|
| | threshold 2 Healthy threshold 2 |
| Subnets | Subnet-5e919528, subnet-fc2253a4 |
| Security Group | ELB_security_group |

Service RDS

| | |
|-----------------------|----------|
| Name | MariaDB |
| Engine | mariadb |
| Engine Version | 10.0.24 |
| Username | root |
| Storage Size | 5 |
| Instance Type | t2.micro |
| Security Group | db_group |

Service Instances

| | |
|---------------------------|---------------------|
| Name | webserver-b |
| Instance ID | i-044a27154514386f0 |
| Security Group | Instance security |
| Private IP Address | 172.31.4.16 |
| AMI | ami-5ec1673e |
| Instance Type | t2.micro |
| Key pair | cit360 |
| Service/Port | curriculum/80 |

| | |
|-----------------------|---------------------|
| Name | webserver-c |
| Instance ID | i-02340bac1be0925ff |
| Security Group | Instance security |

| | |
|---------------------------|---------------|
| Private IP Address | 172.31.10.68 |
| AMI | ami-5ec1673e |
| Instance Type | t2.micro |
| Key pair | cit360 |
| Service/Port | curriculum/80 |

Terraform commands: terraform apply -var 'db_password= *userinput*'

Creation: ansible-playbook -i host.ini db.yml --ask-vault-pass
 ansible-playbook -i host.ini web.yml --ask-vault-pass

Deletion: terraform destroy