

## Assignment 3 Deliverables

**Github repo:** <https://github.com/Encrypto94/cit-360>

### VPC Info

	ID	CIDR
Default VPC	vpc-2a91804e	172.31.0.0/16

### Subnet Information

Name	Subnet ID	CIDR
private_a	subnet-3fa1a549	172.31.0.0/22
private_b	subnet-765ebc11	172.31.4.0/22
private_c	subnet-3311606b	172.31.8.0/22
public_a	subnet-3ca1a54a	172.31.12.0/24
public_b	subnet-755ebc12	172.31.13.0/24
public_c	subnet-3211606a	172.31.14.0/24

### Routing Tables

Name	ID	Public / Private
private_routing_table	private_routing_table	Private
public_routing_table	public_routing_table	Public

### Public Route Table

Destination	Target
0.0.0.0/0	<a href="#">igw-92f16ef6</a>
172.31.0.0/16	local

### Private Route Table

Destination	Target
0.0.0.0/0	<a href="#">nat-0da914c4f0e9b79fb</a>
172.31.0.0/16	local

### Other services

	Name	ID	Route Table ID
Internet Gateway	default_ig	igw	<a href="#">rtb-7126ac16</a>
NAT Gateway	*Not supported*	ngw	<a href="#">rtb-e726ac80</a>

### Bastion Instance

Instance ID	i-0ac9bbb45c8ca5c10
Public IP Address	35.164.131.189
Private IP Address	172.31.12.75
AMI	ami-5ec1673e
Instance Type	t2.micro
Key pair	cit360

### Service ELB

Name	elb
DNS Name	elb-1515619388.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

<b>Subnets</b>	Subnet-755ebc12, subnet-3211606a
<b>Security Group</b>	<a href="#">sg-e7f5d19e</a>

### Service RDS

<b>Name</b>	mariadb
<b>Engine</b>	MariaDB
<b>Engine Version</b>	10.0.24
<b>Username</b>	root
<b>Storage Size</b>	5 GB
<b>Instance Type</b>	db.t2.micro
<b>Security Group</b>	<a href="#">allow_db_traffic (sg-d8f5d1a1)</a>

### Service Instances

<b>Name</b>	webservice-b
<b>Instance ID</b>	i-060a1bf639dd87220
<b>Security Group</b>	<a href="#">sg-e4f5d19d</a>
<b>Private IP Address</b>	172.31.4.23
<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 / 80 (HTTP)

<b>Name</b>	webservice-c
<b>Instance ID</b>	i-0addad63afe57867f
<b>Security Group</b>	<a href="#">sg-e4f5d19d</a>

<b>Private IP Address</b>	172.31.11.75
<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 / 80 (HTTP)

**Terraform commands:**

**Creation:** terraform apply -var 'db\_password=<User Input>'

**Deletion:** terraform destroy -var 'db\_password=<User Input>'