

## 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-923523e4	172.31.0.0/22
private_b	subnet-b90cf0de	172.31.4.0/22
private_c	subnet-a15611f9	172.31.8.0/22
public_a	subnet-953523e3	172.31.12.0/24
public_b	subnet-ba0cf0dd	172.31.13.0/24
public_c	subnet-a25611fa	172.31.14.0/24

### Routing Tables

Name	ID	Public / Private
private_routing_table	rtb-67e98b00	Private
public_routing_table	rtb-dbe88abc	Public

### Public Route Table

Destination	Target
0.0.0.0/0	igw-1ae08f7e
172.31.0.0/16	local

### Private Route Table

Destination	Target
0.0.0.0/0	<a href="#">nat-087688c3459381c80</a>
172.31.0.0/16	local

### Other services

	Name	ID	Route Table ID
Internet Gateway	default_ig	<a href="#">igw-1ae08f7e</a>	<a href="#">rtb-dbe88abc</a>
NAT Gateway	*Not supported*	<a href="#">nat-087688c3459381c80</a>	<a href="#">rtb-67e98b00</a>

### Bastion Instance

Instance ID	i-0ec7d34af008f0513
Public IP Address	35.163.110.229
Private IP Address	172.31.12.71
AMI	ami-5ec1673e
Instance Type	t2.micro
Key pair	cit360

### Service ELB

Name	elb
DNS Name	<a href="#">elb-1197655825.us-west-2.elb.amazonaws.com</a>
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-a25611fa - us-west-2c, subnet-ba0cf0dd - us-west-2b
<b>Security Group</b>	sg-640e1b1d

### 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>	allow_db_traffic (sg-650e1b1c)

### Service Instances

<b>Name</b>	webservice-b
<b>Instance ID</b>	i-09833aae83287b795
<b>Security Group</b>	sg-620e1b1b
<b>Private IP Address</b>	172.31.6.83
<b>AMI</b>	amzn-ami-hvm-2016.09.0.20161028-x86_64-gp2 (ami-5ec1673e)
<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-00e6bae9bccdda9b
<b>Security Group</b>	sg-620e1b1b

<b>Private IP Address</b>	172.31.11.150
<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>'