

## Final Deliverables

**Github repo:** <https://github.com/kdp19742/cit-360>

### VPC Info

	ID	CIDR
Default VPC	vpc-6208fa05	172.31.0.0/16

### Subnet Information

Name	Subnet ID	CIDR
public_a	subnet-2d8c9b5b	172.31.1.0/24
public_b	subnet-5899653f	172.31.2.0/24
public_c	subnet-a7e0a4ff	172.31.3.0/24
private_a	subnet-2a8c9b5c	172.31.4.0/22
private_b	subnet-5999653e	172.31.8.0/22
private_c	subnet-58e1a500	172.31.12.0/22

### Routing Tables

Name	ID	Public / Private
public_routing_table	rtb-8a2d4fed	public
private_routing_table	rtb-22325045	private

### Public Route Table

Destination	Target
172.31.0.0/16	local
0.0.0.0/0	igw-1d6f0079

### Private Route Table

Destination	Target
172.31.0.0/16	local
0.0.0.0/0	<a href="#">nat-069ecb432d9634082</a>

#### Other services

	Name	ID	Route Table ID
Internet Gateway	default_ig	igw-1d6f0079	rtb-8a2d4fed
NAT Gateway	<a href="#">nat-069ecb432d9634082</a>	<a href="#">nat-069ecb432d9634082</a>	rtb-22325045

#### Bastion Instance

Instance ID	i-0b1e1e93f4a39fb69
Public IP Address	35.164.196.252
Private IP Address	172.31.1.173
AMI	<a href="#">ami-5ec1673e</a>
Instance Type	t2.micro
Key pair	cit360

#### Service ELB

Name	tf-lb-20161211014032028785038qhh
DNS Name	tf-lb-20161211014032028785038qhh-403099800.us-west-2.elb.amazonaws.com
Listener Port/Protocol	80/HTTP
Instance Port/Protocol	80/HTTP
Health Check	Ping Target - HTTP:/80, Timeout - 5 sec, Interval - 30 sec, Unhealthy threshold - 2, healthy threshold - 2

<b>Subnets</b>	<a href="#">subnet-5899653f</a> - us-west-2b, <a href="#">subnet-a7e0a4ff</a> - us-west-2c
<b>Security Group</b>	<a href="#">sg-20a3a859</a> , <a href="#">terraform-20161211014005583698418gbv</a>

### Service RDS

<b>Name</b>	my_db
<b>Engine</b>	MariaDB 10.0.24
<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="#">terraform-20161211014005586877546xjd</a> ( <a href="#">sg-2ea3a857</a> )

### Service Instances

<b>Name</b>	web_b
<b>Instance ID</b>	<a href="#">i-0c35cae27ba80fcde</a>
<b>Security Group</b>	<a href="#">terraform-20161211014007088891063gdb</a>
<b>Private IP Address</b>	172.31.9.54
<b>AMI</b>	<a href="#">ami-5ec1673e</a>
<b>Instance Type</b>	t2.micro
<b>Key pair</b>	cit360
<b>Service/Port</b>	curriculum/80/http

<b>Name</b>	web_c
<b>Instance ID</b>	<a href="#">i-07f69b6b0ab9e7e48</a>

<b>Security Group</b>	<a href="#">terraform-20161211014007088891063gdb</a>
<b>Private IP Address</b>	172.31.12.166
<b>AMI</b>	<a href="#">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=your-db-password'

**Deletion:** terraform destroy