

## Final Deliverables

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**Github repo:** <https://github.com/Algarcia3/cit-360>

### VPC Info

	ID	CIDR
Default VPC	vpc-cf1b05ab	172.31.0.0/16

### Subnet Information

Name	Subnet ID	CIDR
public_a	subnet-40bc5127   public_a	172.31.12.0/24
public_b	subnet-9abdb9ec   public_b	172.31.13.0/24
public_c	subnet-a50170fd   public_c	172.31.14.0/24
private_a	subnet-41bc5126   private_a	172.31.0.0/22
private_b	subnet-9cbdb9ea   private_b	172.31.4.0/22
private_c	subnet-a40170fc   private_c	172.31.8.0/22

### Routing Tables

Name	ID	Public / Private
public_routing_table	rtb-d3d0beb4   public_routing_table	Public
private_routing_table	rtb-5cd1bf3b   private_routing_table	Private

### Public Route Table

Destination	Target
172.31.0.0/16	local
0.0.0.0/0	<a href="#">igw-2ce08848</a>

### Private Route Table

Destination	Target
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172.31.0.0/16	local
0.0.0.0/0	<a href="#">nat-050d40b09b972c1c6</a>

#### Other services

	Name	ID	Route Table ID
Internet Gateway	default_ig	172.31.0.0	rtb-d3d0beb4   public_routing_table
NAT Gateway	nat-0ceae37d31bdef 1be	<a href="#">172.31.20.24</a>	rtb-5cd1bf3b   private_routing_table

#### Bastion Instance

Instance ID	i-086afb4ba4dba774a
Public IP Address	<a href="#">35.163.252.171</a>
Private IP Address	172.31.12.192
AMI	<a href="#">amzn-ami-hvm-2016.09.0.20160923-x86_64-gp2</a> ( <a href="#">ami-b04e92d0</a> )
Instance Type	t2.micro
Key pair	cit360

#### Service ELB

Name	public-elb
DNS Name	public-elb-1984131473.us-west-2.elb.amazonaws.com (A Record)
Listener Port/Protocol	HTTP
Instance Port/Protocol	HTTP
Health Check	Ping Target HTTP:80/ Timeout        5 seconds Interval        30 seconds Unhealthy threshold   2 Healthy threshold    2
Subnets	Us-west-2b - subnet-9cd6c5ea Us-west-2c - subnet-71db9a29

<b>Security Group</b>	<a href="#">sg-3adfc243</a>
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#### Service RDS

<b>Name</b>	RDS
<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="#">terraform-20161215011416300021804qlx (sg-33dfc24a)</a> ( active )

#### Service Instances

<b>Name</b>	webserver-b
<b>Instance ID</b>	i-0a3e65c45365861b4
<b>Security Group</b>	<a href="#">terraform-20161215011416304732392xev</a>
<b>Private IP Address</b>	172.31.4.211
<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>	

<b>Name</b>	webserver-c
<b>Instance ID</b>	i-0fd558a76d2858554
<b>Security Group</b>	<a href="#">terraform-20161215011416304732392xev</a>
<b>Private IP Address</b>	172.31.8.45

<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>	

**Terraform commands:**

**Creation:** terraform plan // apply

**Deletion:** terraform destroy