

## Final Deliverables

**Github repo:** <https://github.com/suparno92/cit-360>

### VPC Info

	ID	CIDR
Default VPC	vpc-d09f68b7	172.31.0.0/16

### Subnet Information

Name	Subnet ID	CIDR
public_a	subnet-71c43b16	172.31.1.0/24
public_b	subnet-097a6b7f	172.31.2.0/24
public_c	subnet-aaf4b3f2	172.31.3.0/24
private_a	subnet-70c43b17	172.31.4.0/22
private_b	subnet-087a6b7e	172.31.8.0/22
private_c	subnet-abf4b3f3	172.31.12.0/22

### Routing Tables

Name	ID	Public / Private
public_routing_table	rtb-8efa97e9	public
private_routing_table	rtb-e4f59883	private

### Public Route Table

Destination	Target
172.31.0.0/16	local
0.0.0.0/0	igw-05bdd361

### Private Route Table

Destination	Target
172.31.0.0/16	local
0.0.0.0/0	nat-0b65e5161b23cd5ef

### Other services

	Name	ID	Route Table ID
<b>Internet Gateway</b>	default_InternetGateway	igw-05bdd361	rtb-20aa1747
<b>NAT Gateway</b>	none	nat-0b65e5161b23cd5ef	rtb-8efa97e9

### Bastion Instance

<b>Instance ID</b>	i-06395d14ca7e3ef8c
<b>Public IP Address</b>	35.165.60.129
<b>Private IP Address</b>	172.31.1.142
<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

## Service ELB

<b>Name</b>	tf-lb-20161212192434894470769zzg
<b>DNS Name</b>	tf-lb-20161212192434894470769zzg-871556548.us-west-2.elb.amazonaws.com
<b>Listener Port/Protocol</b>	80/HTTP
<b>Instance Port/Protocol</b>	80/HTTP
<b>Health Check</b>	Ping Target - HTTP:80/ Timeout -5 seconds Interval - 30 seconds Unhealthy threshold - 2 Healthy threshold - 2
<b>Subnets</b>	subnet-097a6b7f , subnet-aaf4b3f2
<b>Security Group</b>	sg-db3a2da2

## Service RDS

<b>Name</b>	main-database-west
<b>Engine</b>	MariaDB
<b>Engine Version</b>	10.0.24
<b>Username</b>	suparno
<b>Storage Size</b>	5
<b>Instance Type</b>	db.t2.micro
<b>Security Group</b>	main_database_sg

## Service Instances

<b>Name</b>	webserver-b
<b>Instance ID</b>	i-08919c607843f5b78
<b>Security Group</b>	main_web_sg
<b>Private IP Address</b>	172.31.10.48
<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>	HTTP/80

<b>Name</b>	webserver-c
<b>Instance ID</b>	i-0cd880326bf29f518
<b>Security Group</b>	main_web_sg
<b>Private IP Address</b>	172.31.13.64
<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>	HTTP/80

#### **Terraform commands:**

**Planning:** Terraform plan

**Creation:** Terraform apply

**Deletion:** Terraform Destroy