

Steps

Follow image 1 to 45 reading its title – GitHub repository
as direction to what has been done

Details

1-Create VPC inside VPC

Use the 10.0.0.0/16

2-Create 4 subnets inside subnets:

2 public subnets using 10.0.0.0/24 and ...

2 private subnets

Make sur the private subnet corresponding to the public are
in the same AZ but the two public are in different

3- Create one EC2 instance in each public subnet

Let's use Linux 2 AMI for both

User data - optional

```
#!/bin/bash
```

Update the package repository and install necessary packages

```
sudo apt-get update
```

```
sudo apt-get install -y apache2
```

Create a custom index.html file

```
echo "<html><body><h1>Hello EC2 User Data!</h1></body></html>" | sudo tee  
/var/www/html/index.html
```

Start the Apache web server

```
sudo systemctl start apache2
```

```
sudo systemctl enable apache2
```

4-Configure elastic IP for each of them