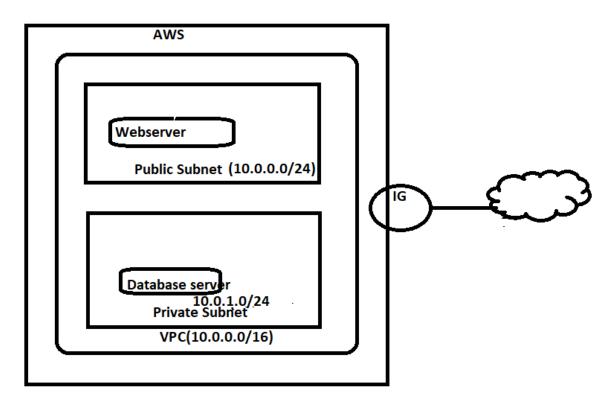
# How to Deploy a publically accessible webserver and its database (only accessible by the webserver) using AWS?

Creating a Customize VPC named vpc\_global with two Subnets(one accessible through Internet and other for Privately accessible).

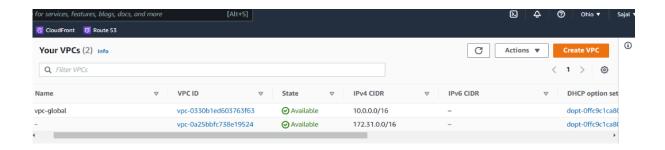
Also will take backup of application and database in s3 bucket.

Services/Tools used-

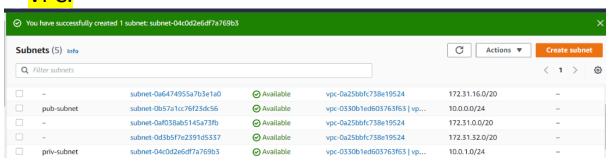
- Ec2
- VPC, Subnet, Routing Table, Internet Gateway
- MySQL



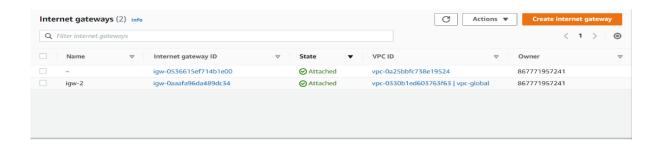
#### 1) Created a custom VPC with IPv4 10.0.0.0/16 CIDR



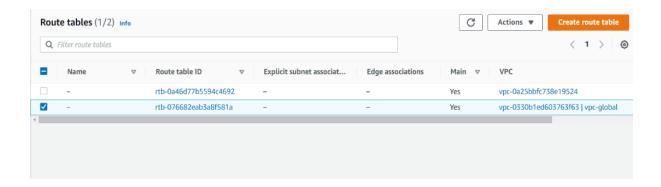
2) Created a private and a public accessible subnet in the VPC.



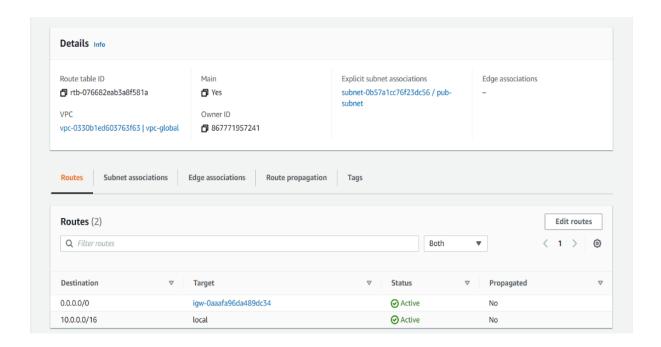
3) Created an Internet Gateway to connect the public subnet with the internet/public network.



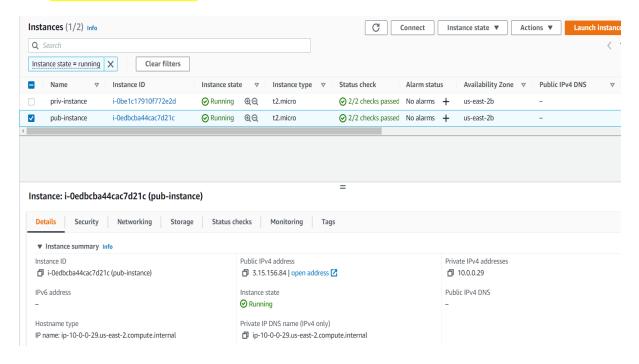
#### 4) Route Table



#### 5) Associated the Route Table with the internet gateway.



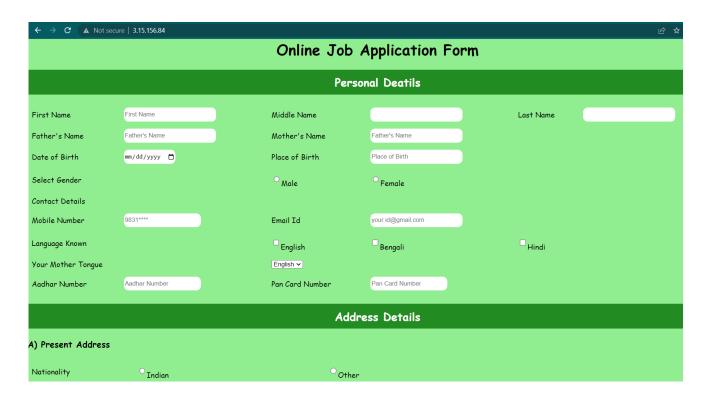
#### 6) Created an Instance in Public subnet and an Instance in Private subnet.



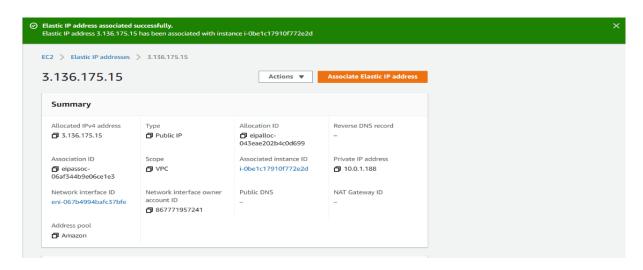
7) Accessing The instance created in the Private subnet, through Public instance, by use of ssh command.

## 8) Creating an HTML webserver on the public subnet instance.

# 9) The webpage is accessible through public IP of webserver.



#### 10) Created Elastic IP for private instance.



## 11) Installing MySQL packages and configuring database server.



## 12) Created an S3 bucket for keeping a backup of webserver.

