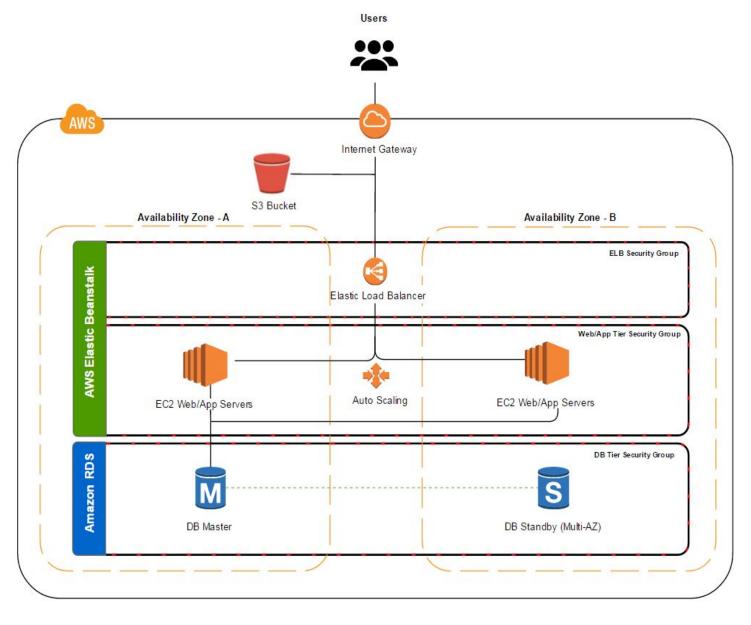
# Cloud-1 Wethinkcode\_ Project

**AWS Elastic Beanstalk** 



1. Create the database <a href="https://eu-west-2.console.aws.amazon.com/rds/home?region=eu-west-2#databases:">https://eu-west-2.console.aws.amazon.com/rds/home?region=eu-west-2#databases:</a>

2. Create AWS Elastic Beanstalk (the environment)

# 3. Configure the AWS Elastric Beanstalk

https://eu-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=eu-west-2#/environment/configuration?applicationName=cloud&environmentId=e-wyqp2cbzbp

- Configure Security and database included adding security on the instance
- Set up the load balancer in capacity
- Notifications for email

# 4. Download, configure and deploy Wordpress

### **Download WordPress**

To prepare to deploy WordPress using AWS Elastic Beanstalk, you must copy the WordPress files to your computer and provide some configuration information.

# To create a WordPress project

1. Download WordPress from wordpress.org.

```
~$ curl https://wordpress.org/wordpress-4.9.5.tar.gz -o wordpress.tar.gz
```

2. Download the configuration files from the sample repository:

```
~$ wget https://github.com/aws-samples/eb-php-wordpress/releases/download/v1.1/eb-php-wo
```

3. Extract WordPress and change the name of the folder.

```
~$ tar -xvf wordpress.tar.gz
~$ mv wordpress wordpress-beanstalk
~$ cd wordpress-beanstalk
```

4. Extract the configuration files over the WordPress installation.

```
~/wordpress-beanstalk$ unzip ../eb-php-wordpress-v1.zip
    creating: .ebextensions/
inflating: .ebextensions/dev.config
inflating: .ebextensions/efs-create.config
inflating: .ebextensions/efs-mount.config
inflating: .ebextensions/loadbalancer-sg.config
inflating: .ebextensions/wordpress.config
inflating: LICENSE
inflating: README.md
inflating: wp-config.php
```

## **Additional Notes:**

1. In the AWS Elastric Beanstalk, the load balancer sets the security ports to only be accessed on port 80

https://eu-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=eu-west-2#/environment/configuration?applicationName=cloud&environmentId=e-wyqp2cbzbp

### References

https://aws.amazon.com/getting-started/projects/build-wordpress-website/?c 4