

Project Details :- Demonstrate how to use AWS Beanstack and AWS RDS services.

Here we use prebuilt php codes is named "schoolmanagement". Code is shared in folder

Steps to follow:-

- 1) Configure AWS Elastic Beanstack - with php component
- 2) While configuring Beanstack select on your own vpc and subnet, same vpc and subnet need to be used for rds deployment also
- 3) Deploy rds with mysql as database, create database name "schoolmanagement"
- 4) Select Security group rds and allow source 0.0.0.0/0
- 5) Copy rds endpoint (url and port)
- 6) Edit file - schoolmanagement\config\Database

modify below lines with new rds end point,db username which you created while creating rds and password -

```
private $_host = private $_host = "testdb.c3ex0ndvrvnu.us-east-1.rds.amazonaws.com:3306";
private $_username = "admin";
private $_password = "admin123";
```

- 7) Save configuration file "Database"
- 8) Zip the folder (select all file inside the folder and do zip , do not zip folder from outside)
- 9) Go to Beanstack and upload code
- 10) Data Base Activity - you need to create some table space on rds for "schoolmanagement" application to work
- 11) install mysql client on linux ec2 - yum install mqsq1
- 12) connect rds sql server as like - mysql -h testdb.c3ex0ndvrvnu.us-east-1.rds.amazonaws.com -P 3306 -u admin1 -p schoolmanagement
- 13) Verify database and tables creation - mysql> show databases;
- 14) Verify table spaces is created - mysql> use schoolmanagement;

```
mysql> show tables;  
mysql> select * from tbl_course;
```

15) From Beanstack application run add courses and see changes happening in tables- mysql> select * from tbl_course;

Login for portal is admin:admin

Appendix:

- * Install mysql:

 - sudo yum install php-mysqli

- * mysql -u admin -p -h testdb.c3ex0ndvrvnu.us-east-1.rds.amazonaws.com
schoolmanagement < schoolmanagement.sql

- * log file location

 - cd /etc/httpd/logs