

Assignment 4

(14 Sep 2020)

Create a web application to host your personal website.

- The application should be dynamic and should have facility to update the information through web interface. You can use Content Management System for the same (CMS).
- The platform of development can be any one of Java/Python/Node.js etc.
- Use boto to deploy the application using AWS Beanstalk and configure autoscaling.
- Using boto, configure AWS cloud front as CDN to deliver the contents.

Assignment 5

(21 Sep 2020)

You need to create a RDS instance for a cloud application. Follow the steps below.

- Create an application for customer feedback management.
- When customers log in, they should be able to register a complaint. Store the customer complaint into RDBMS tables.
- When someone logs in from customer care service, they should be able to see the complaints registered.
- Create a Python program using boto that creates a the RDS instance with MariaDB/Mysql as database and the corresponding tables. Use a security group with appropriate port open.
- Open the public DNS of the newly launched instance in a browser and verify whether the application works.