AWS Course RDS Task

RDS

1. Create IAM user in RDS
   1. CREATE USER awscourse WITH LOGIN;
   2. GRANT rds\_iam TO awscourse;
2. Grant permissions to tables
   1. GRANT CREATE ON SCHEMA public TO awscourse;
   2. ALTER DEFAULT PRIVILEGES IN SCHEMA public GRANT ALL ON TABLES TO awscourse;
3. Create and attach new IAM policy  
   A screenshot of a computer

   Description automatically generated

Spring Boot

1. IAM Auth: used this guide <https://github.com/aws/aws-advanced-jdbc-wrapper?tab=readme-ov-file>
2. Project Git repo: https://github.com/Seniuk-Vi/awscourseproject
3. UserData to pull data from s3 of new project .jar

#!/bin/bash

# Update the package repository

yum update -y

# Install AWS CLI if not already installed

yum install -y aws-cli

# Make sure the /usr directory is writable (usually it is)

chmod 755 /usr

# Download the JAR file from S3 to the /usr directory

aws s3 cp s3://artifactspringbootbucket/regionazservice-0.0.1-SNAPSHOT.jar /usr/regionazservice-0.0.1-SNAPSHOT.jar

# Verify the JAR file is in place

ls -l /usr/regionazservice-0.0.1-SNAPSHOT.jar

1. Create CloudFormation RDS template A screenshot of a computer program

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2. Deploy with httpd to the EC2 A screen shot of a computer

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3. Show swagger A screenshot of a computer

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4. Test in postman
5. A screenshot of a computer

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