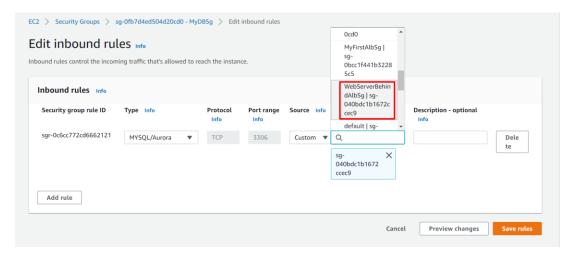
Assignment 5 – RDS – Reference

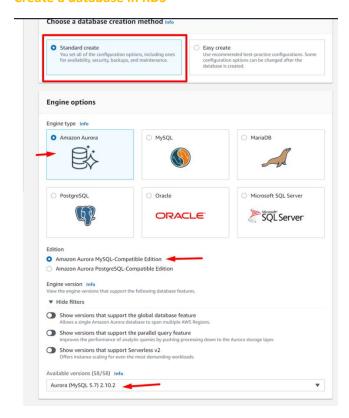
You should follow the specs only. If you get stuck, try to figure it out yourself by putting some efforts and time and referring the official AWS docs. Don't blindly follow these step by step screenshots. They are tend to outdated.

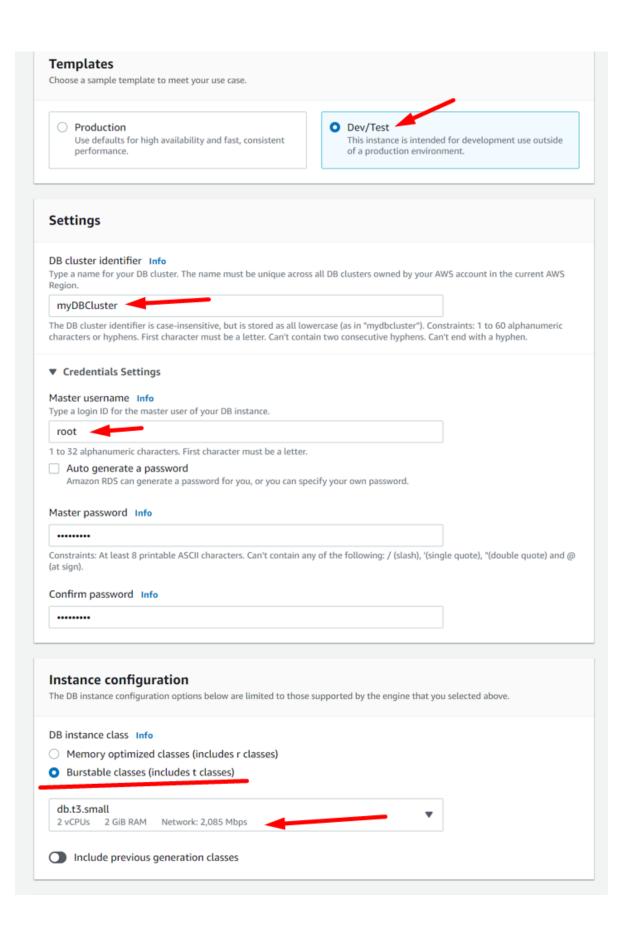
Step by step instructions - RDS

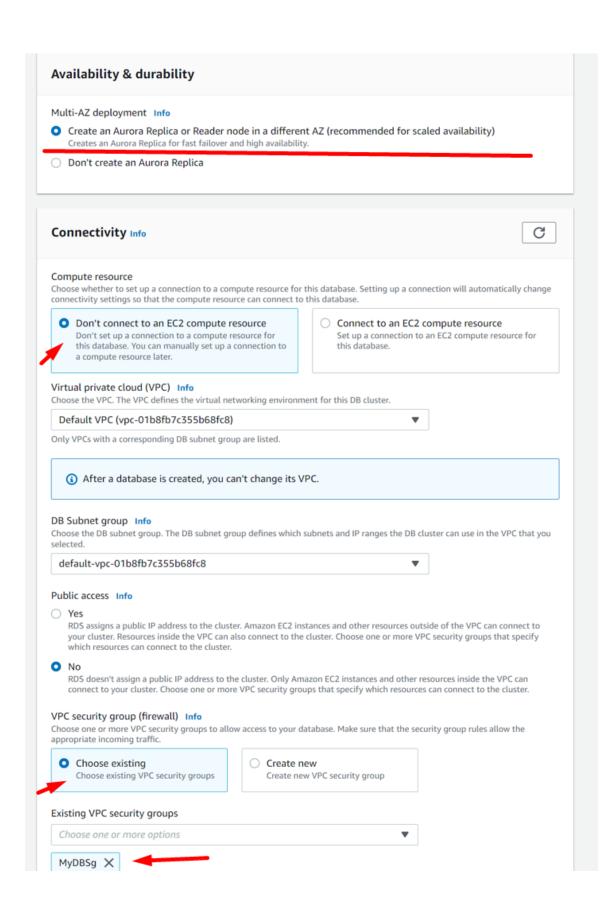
Create a Security Group at first

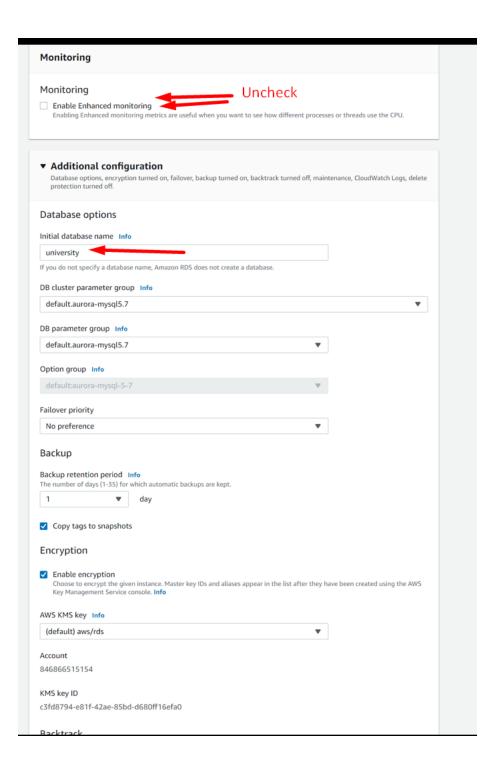


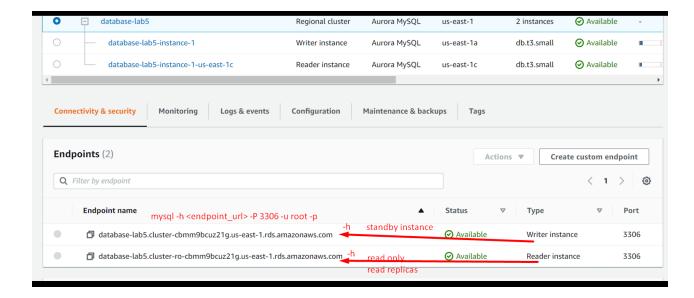
Create a database in RDS











Database created

Install mysql client on EC2

mysql -h myfirstclouddb-instance-1.cqzw6byf7zkj.us-east-1.rds.amazonaws.com -P 3306 -u root -p

```
[root@ip-10-0-0-204 bin] # mysql -h myfirstclouddb-instance-1.cqzw6byf7zkj.us-east-1.rds.amazonaws.com -P 3306 -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 17
Server version: 5.7.12 MySQL Community Server (GPL)
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MySQL [(none)]> reate database cloudlabdb
Query OK, 1 row affected (0.03 sec)
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version
MySQL [(none)]> show databases;
  Database
  information_schema
  cloudlabdb
  performance schema
5 rows in set (0.01 sec)
MySQL [(none)]> use cloudlabdb;
Database changed
```

```
MySQL [cloudlabdb] > CREATE TABLE COURSE (
   -> COURSE_ID int,
    -> COURSE_CODE varchar(255),
    -> COURSE NAME varchar(255),
    -> TEACHER ID int
    -> );
Query OK, 0 rows affected (0.06 sec)
MySQL [cloudlabdb]> show tables;
| Tables_in_cloudlabdb |
COURSE
TEACHER
2 rows in set (0.01 sec)
MySQL [cloudlabdb] > INSERT INTO TEACHER (TEACHER ID, NAME)
    -> VALUES (1, "UNUBOLD"),
    -> (2, "ASAAD"),
    -> (3, "UMUR");
Query OK, 3 rows affected (0.02 sec)
Records: 3 Duplicates: 0 Warnings: 0
MySQL [cloudlabdb] > INSERT INTO COURSE (COURSE_ID, COURSE_CODE, COURSE_NAME, TEACHER_ID)
    -> VALUES (1, "CS516", "CLOUD COMPUTING", 1),
    -> (2, "CS568", "React", 1),
-> (3, "CS569", "Angular", 1),
    -> (3, "Cs569", "Angular", 2);
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

For the Reader Instance: