AWS RDS 연습풀이

Auto Mobile Robot

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1 1. AWS RDS (database-1) 에 접속하세요.

```
% mysql -h "database-1.cwzfvdhk3vok.ap-northeast-2.rds.amazonaws.com" -P 3306 -u
admin -p
Enter password:
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 637
Server version: 8.0.23 Source distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

2 2. Database (amrbase) 를 생성하고 확인하세요. (DEFAULT CHARACTER SET utf8mb4)

```
mysql> CREATE DATABASE amrbase DEFAULT CHARACTER SET utf8mb4;
Query OK, 1 row affected (0.03 sec)

mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| sys                |
| amrbase            |
+--------------------+
5 rows in set (0.01 sec)
```

3 2. 사용자(robot) 를 추가하고 확인하세요.

```
mysql> CREATE USER 'robot'@'%' identified by '*****';
Query OK, 0 rows affected (0.02 sec)

mysql> USE mysql;
Database changed
mysql> SELECT host, user FROM user;
+-----------+------------------+
| host      | user             |
+-----------+------------------+
| %         | admin            |
| %         | robot            |
| localhost | mysql.infoschema |
| localhost | mysql.session    |
| localhost | mysql.sys        |
| localhost | rdsadmin         |
+-----------+------------------+
6 rows in set (0.01 sec)
```

4 3. 사용자(robot)에게 외부에서 amrbase 에 접근해서 사용하기 위한 권한을 부여하세요.

```
mysql> GRANT ALL ON amrbase.* TO 'robot'@'%';
Query OK, 0 rows affected (0.02 sec)

mysql> SHOW GRANTS FOR 'robot'@'%';
+---------------------------------------------------+
| Grants for robot@%                                |
+---------------------------------------------------+
| GRANT USAGE ON *.* TO `robot`@`%`                 |
| GRANT ALL PRIVILEGES ON `amrbase`.* TO `robot`@`%` |
+---------------------------------------------------+
2 rows in set (0.02 sec)
```

5 4. 현재 접속을 종료하고 AWS RDS (database-1)의 amrbase 에 robot 으로 접속하세요.

```
mysql> exit
Bye
% mysql -h "database-1.cwzfvdhk3vok.ap-northeast-2.rds.amazonaws.com" -P 3306 -u
robot -p amrbase
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 642
Server version: 8.0.23 Source distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```