RDS and EC2 :

AWS provides us with an option to make a connection between RDS and EC2. Once a database of our choice has been created using the service RDS, we can make it connect with the EC2 from the “ACTIONS” section. The requisite to establish a connection is that both the database and the instance must be present in the same VPC region.

The task here deals with MySQL database. While configuring our database we have to provide a username and a password to securely connect to it later on.

Once we connect an EC2 instance to the database in this case a Amazon Linux Machine we have to update it to the latest state. Once done, we have to install Maria DB. sudo su solely (or) sudo has to be prefixed with the commands, so that it provides us the administrative access.

The database provides us with the endpoint which is used with the command “mysql” as…

**mysql –h <endpoint> -u <username> -p <password to be entered when asked>**

….in order to establish a secure connection to our database from the ec2 instance. The communication is set to be secured because we have to enter the password as well as the username which are given when configuring the database earlier.

The successful connection provides us with a connection ID and from then on we can perform all our database related commands and functions as such.

The task here requires to create a database and then a table in it with the values.

**create database <database name>;**

**use <database name>;**

**create table <table name> (schema);**

**insert into <table name> values(values);**

The above commands were shot in order to do so.