Chmod 0400 keypath

scp -rv datamigration.pem [itsme@192.168.1.68:\home\itsme\Desktop](mailto:itsme@192.168.1.68:\home\itsme\Desktop)

DATA MIGRATION :-

1. Install awscli in oracle machine
2. Install mariadb-server
3. Systemctl start mariadb
4. Systemctl enable mariadb

**STEPS OF DATA MIGRATION** :-

EC2 instance side:-

1. Create role of s3 full access
2. Launch instance and attach that role to instance
3. Create s3 bucket
4. Create a authentication access key from ( click on your id which is on right side on top)
5. Select security credentials
6. Select access keys (access key id and secret access key)
7. If there is not a key then create new one and download the template

Vm vare side:-

1. Create vm machine
2. Install package of mariadb (yum install mariadb and mariadb-server –y)
3. Systemctl start mariadb
4. Systemctl enable mariadb
5. Install package of aws cli (yum install awscli –y)
6. Create database by using mariadb
7. Mysql\_secure\_installation (log In by mysql root user)
8. Mysql -uuser name -ppassword
9. Show databases;
10. Create database name\_of\_datatase;
11. Use name\_of\_database;
12. Create table table\_name(sn int,name varchar(10), formate varchar(10));
13. Describe table\_name;
14. Select \* from table\_name;
15. Insert into table\_name values(1, ‘name’……..);
16. Exit
17. Get the backup of that database (mysqldump –uuname -ppasswd database\_name > bkp.sql)
18. Aws configure :-
19. Write the access key id ( which is we downloaded from the our id right side of top corner)
20. Write the access secrete key ( we download with access key id)
21. Type the rigion name of your instance
22. Aws s3 cp bkp.sql s3://bucket\_name (bkp.sql is a file name with .sql is a extension)
23. Data is uploaded check your bucket there is data uploaded successfully.

EC2 instance side after upload the data :-

1. Install the aws cli (yum install awscli –y)
2. Aws Configure :-
3. write the access key id ( which is we downloaded from the our id right side of top corner)
4. Write the access secrete key ( we download with access key id)
5. Type the rigion name of your instance
6. Yum install mariadb and mariadb-server –y
7. Systemctl start mariadb
8. Systemctl enable mariadb
9. Mysql\_secure\_installation
10. Create database
11. Show databases;
12. Create database name\_of\_database;
13. Exit
14. Aws s3 cp s3://name\_of\_bucket/file\_name /path(where you want to paste)
15. Mysql –h localhost –uroot -ptoor database\_name < /file\_name or path ( this cmd is use to copy the backup file which we access from s3 bucket now here we will send it to our database in decrypt form using the above cmd.
16. Now check the database there is a database that we send
17. Show databases;
18. Use database name;
19. Select \* from table name;
20. Completed

**Mysql –h localhost –uroot –ptoor database\_name < /backup\_file\_name**

This cmd is use to decript the database