Configure Jump Server to use SSL for AWS RDS

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How to configure Ezeelogin Jump Server to use SSL for AWS RDS database connection?

Overview: This article helps to configure Ezeelogin to use SSL for AWS RDS database connection.

Refer this article to set up **AWS RDS.**
Download certificates for using SSL in AWS RDS from **here**.

Step 1: Move the certificate file to **/usr/local/etc/ezlogin/** and ensure that the **permissions** of the certificate file are correctly set.

```
root@gateway ~]# mv certificate-file.pem /usr/local/etc/ezlogin/

root@gateway ~]# chmod 644 /usr/local/etc/ezlogin/certificate-file.pem
```

Step 2: Try connecting RDS with SSL using the below command.

```
root@gateway ~]# mysql -h mysql–instance1.123456789012.us-east-1.rds.amazonaws.com --ssl-ca=
/path_of_cert_file/certificate-file.pem -P 3306 -u mymasteruser -p --ssl-mode=VERIFY_IDENTITY
```

Step 3: Append below lines in **/usr/local/etc/ezlogin/ez.conf** file and specify the **path** of certificate to use SSL RDS with Ezeelogin.

```
root@gateway ~]# vim /usr/local/etc/ezlogin/ez.conf

mysql_encrypt yes
mysql_ssl_ca /usr/local/etc/ezlogin/certificate-file.pem
```

Step 4: Try accessing GUI and Ezeelogin shell to confirm if it's using RDS SSL.

For database error, run below commands on the gateway server.

```
root@gateway ~]# mysql -h mysql–instance1.123456789012.us-east-1.rds.amazonaws.com -u mymasteruser -
p

[Enter password]

mysql > grant all on ezlogin_databasename.* to 'mysql_username'@'%' identified by 'password' with grant
option;

mysql > grant all on ezlogin_databasename.* to 'mysql_username'@'%' identified by 'password';

mysql > grant all on ezlogin_databasename.* to 'ezlogin_database_username'@'%' identified by
'ezlogin_database_password';

mysql > flush privileges;

mysql > exit
```

Related Articles:

Configure Ezeelogin on AWS RDS

Install Master/Slave Ezeelogin with MySQL SSL

Can we use the same database instance for cluster setup?

How to Migrate Ezeelogin database to rds / remote SQL instance?

Online URL: https://www.ezeelogin.com/kb/article/configure-jump-server-to-use-ssl-for-aws-rds-415.html