

# 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
```

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## **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>