

Restore SSL Encryption for MySQL

The SSL encryption for MySQL must be disabled to upgrade the RiskVision Server. After upgrading the RiskVision Server components, restore the SSL encryption for MySQL.

To restore SSL encryption:

1. Go to the `%AGILIANCE_HOME%\MySQL\config` directory. Open the `my.ini` file by using a text editor. The upgrade process will overwrite the old `my.ini` file. Once the back up for the RiskVision configuration is complete, then changes must be completely backed up. For more information, see [Backing up the RiskVision Configuration](#). Locate the Client and Server Sections in the `my.ini` file and uncomment the lines shown in the respective sections below.

- Client section

```
#ssl-ca="~/ca-cert.pem"  
#ssl-cert="~/client-cert.pem"  
#ssl-key="~/client-key.pem"  
#ssl-cipher=DHE-RSA-AES256-SHA
```

- Server section

```
#ssl-ca="~/ca-cert.pem"  
#ssl-cert="~/server-cert.pem"  
#ssl-key="~/server-key.pem"  
#ssl-cipher=DHE-RSA-AES256-SHA
```

Where "~" denotes certificate's directory

2. Go to the back up folder location where the old `my.ini` file resides. Open the file by using a text editor. Look for the custom settings that you made before upgrading the RiskVision Server. For example, you might have set the MySQL database port other than 3306. Carefully, incorporate all such settings from the old `my.ini` file into the new `my.ini` file.

Apply the custom setting to the new `my.ini` file by manually editing the new `my.ini` file. Do not overwrite the new `my.ini` file with the old `my.ini` file.

3. Go to the `%AGILIANCE_HOME%\config` directory, open the `agilance.properties` file by using a text editor, and perform the following changes:

- Set the property to: `database.mysql.url=jdbc:mysql://:/?verifyServerCertificate=true&useSSL=true&requireSSL=true`

By default, the MySQL database port number is 3306.

- Uncomment the property: `#database.mysql.useSSL=true`

4. Connect to the MySQL database and run the following commands to enable the SSL encryption:

```
mysql > GRANT USAGE ON .* TO 'agliance'@' ' REQUIRE SSL;  
mysql > GRANT USAGE ON .* TO 'reportuser'@' ' REQUIRE SSL;  
mysql > FLUSH PRIVILEGES;
```

5. Restart the RiskVision Tomcat and RiskVision MySQL services to apply the latest changes.

