RiskVision Report Server

Perform the following steps to configure SSL encryption.

Database

Execute the following query to enable reportuser to access SSL encrypted database:

- GRANT USAGE ON agiliance .* TO ' reportuser '@'' IDENTIFIED BY '' REQUIRE SSL;
- FLUSH PRIVILEGES

RiskVision

- 1. Add the statements pointing to JKS files and keystore passwords in the agiliance.properties file.
- 2. Replace security jars under the security folder of jre\lib.
- 3. Restart RiskVision Job Manager, RiskVision Apache, and RiskVision Tomcat.

RiskVision Report Server

1. Add verify server certificate and use ssl properties to JDBC URL in \apache-tomcat\webapps\jasperserverpro\WEB-INF\agiliance.properties file.

Example: database.mysql.url=jdbc:mysql://:3306/? verifyServerCertificate=true&useSSL=true&requireSSL=true&useUnicode=true&characterEncoding=UTF-8&autoReconnect=true&autoReconnectForPools=true

2. Add the following statements pointing to JKS files and keystore passwords in the agiliance.properties file.

The is where myKS.jks file is present. Make sure that you specify the complete path.

```
Example:

C:\sslStore\myKS.jks

database.mysql.useSSL=truedatabase.mysql.keystore=/myKS.jks

database.mysql.keystoretype=JKS

database.mysql.keystore.password.encrypted=encrypted password (See Creating an

Encrypted Password)

database.mysql.truststore=/myKS.jks

database.mysql.truststoretype=JKSc

database.mysql.truststore.password.encrypted=encrypted password
```

- 3. Replace security jars, local_policy.jar and US_export_policy.jar under the %JASPER_HOME%/java\jre\lib\security folder.
- 4. Open any browser and access the jasper server by using the URL : http://8480/jasperserverpro/login.html.

🥖 TIBCO Jaspersoft: Login 🛛 🗙 🕂	
← → ♂ ☆	③ localhost:8480/jasperserver-pro/login.html ••••
RISK VISION TIBC Jas	persoft
	Login User ID: I Password: Show locale & time zone Login

The JasperReport Server Login page.

5. Enter your User ID and Password, then click Login. The JasperReports Server Home page is displayed.

RISK VISION TIBC@ Jaspersoft 🔒 Library	y View + Manage + Create +	sysadmin Help Log Out 🔍
Home		
Recently Viewed Items You have no recently viewed Items	Data Sources Define connection to a database or other data source. <u>View tutorial</u> Create View list	Domains Add structure to a data source for use in an Ad Hoc view. <u>View tutorial</u> Create View list
▼ Popular Resources		
 How-to videos How-to articles Online Learning Portal 	Ad Hoc Views Visualize your data for analysis and report creation. <u>View tutorial</u> Create View list	Create and format interactive reports from existing Ad Hoc views. <u>View tutorial</u> Create View list
	Dashboards Combine related reports into custom dashboard layouts. <u>View tutorial</u> Create View list	Admin Configure your server instance and manage user settings. View options

The JasperReports Server Home page.

6. Click **View** > **Repository**.

🔒 Library	View 🗸	Manage 🗸	Create -
	් _{Seard}	h Results	
Job Name	Repos	sitory	
	Sched	lules	
	Messa	ages	

7. Expand Public, then click Data Sources. The Data Source appears in the Repository pane.

RISK VISION TIBCO	Jaspe	ersoft	^	Library	View +	Manag	je 🖌 Cre	ate 🗸	administrator	Help		۹
🗈 Folders	Repo	sitory									Sort By: Na	me Modified Date
🗏 📕 Public	Run	Edit	Open	Сору	Cut	Paste	Delete					
Ad Hoc Components Dashboard	0	Name					Descrip	tion	Туре		Created Date	Modified Date
Data Sources		RiskVisi	on						JDBC Data	Source	Yesterday	8/4/2011
H C Domains												
🕀 🔛 Input Controls												
🕀 🔛 Reports												
🕀 🔛 Resources												
🕀 🔛 System Reports												
🕀 🔛 Templates												
🕀 🔛 RiskVision												

The Data Source in the Repository pane.

8. Click the data source, then click **Edit**.

Edit Data Source: RiskVision	
First, select the type of data source you wish to add, then enter the required property values.	
Type: JDBC Data Source 🗸	
JDBC Driver: MySQL (com.mysql.jdbc.Driver)	Select Driver
Host (required):	
localhost	
Port (required): 3306	
Database (required):	
agiliance	
URL (required):	
dbc:mysql://localhost:3306/agiliance?verifyServerCertificate=true	
Hint: jdbc:postgresql://localhost:5432/mydb	
User Name:	
reportuser	
Password:	
•••••	
Time Zone:	
Use database setting 🗸 🗸	
Hint: Do not change the time zone setting unless you know the database timestamp data is incorrect.	
Test Connection	
Save Cancel	

The Set Data Source Type and Properties page

- 9. Append " ?verifyServerCertificate=true&RequireSSL=true&UseSSL=true " to JDBC URL.
- 10. To validate the settings, click **Test Connection**. Based on the validation results, either proceed to step 11 or step 12.

Edit Data Source: RiskVision					
	Host (requirea):				
	localhost				
	Port (required):				
	3306				
	Database (required):				
	agiliance				
	URL (required):				
	jdbc:mysql://localhost:3306/agiliance?verifyServerCertificate=true&Requir				
	Hint: jdbc:postgresql://localhost:5432/mydb				
	User Name:				
	reportuser				
	Password:				
	••••••				
	Time Zone:				
	Use database setting 🔹				
	Hint: Do not change the time zone setting unless you know the database timestamp data is incorrect.				
	Test Connection Science Connection passed				
Save Cance	el				

- 11. If the connection fails, verify the following steps:
 - Verify if the correct path for JKS file is specified.
 - Verify if you have executed the GRANT permissions with REQUIRED SSL.
 - Verify if the security jars have been replaced with the newly downloaded version.

12. Click Submit.

- 13. Restart the JasperpostgreSQL and JasperTomcat services:
 - Open the **Services** window.
 - Click the jasperreportsPostgreSQL service, then click Restart.
 - Click the jasperreportsTomcat service, then click Restart.