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How to set up SSL for your Business Objects Server (Tomcat)

- 1. Locate the path to your **keytool** executable.
 - a. It comes with the Java Runtime Environment (JRE). If you do not have JRE installed, visit http://www.oracle.com/technetwork/java/javase/downloads/index.html
- 2. Execute the following commands based on your operating system:

Windows:

```
%JAVA HOME%\bin\keytool -genkey -alias tomcat -keyalg RSA
 -keystore \path\to\my\keystore
```

Unix:

\$JAVA HOME/bin/keytool -genkey -alias tomcat -keyalg RSA -keystore /path/to/my/keystore

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- b. This will tell keytool to generate a .keystore file in a specified directory.
- c. It will also request a password for the .keystore. Remember this password for later.
- 3. Locate your server.xml file in the tomcat directory under the Business Objects folder:

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		🗁 C:\Program Files\Business Objects\Tomcat55\conf									
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	:	Address 🗁 C:\Program Files\Business Objects\Tomcat55\conf									
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 Add the following lines of code into the server.xml file: <Connector port="8443" maxThreads="200"

scheme="https" secure="true" SSLEnabled="true"

keystoreFile="C:/Documents and Settings/jzhuang/.keystore" keystorePass="password"

clientAuth="false" sslProtocol="TLS"/>

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- b. Note that the **keystoreFile** and **keystorePass** parameters reflect what you typed in during the creation of the **.keystore** file.
- 5. Restart your tomcat server via the Central Configuration Manager tool:

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;		Display Name	Version	Status	Description						
		🗐 Apache Tomcat 5.5.20	2.0.1.0	👩 Running	Tomcat Application Server						
		📑 Server Intelligence Agent (VMBUSOBJXI3)	2.0.1.0	👩 Running	Manages BusinessObjects Enterprise Servers						
ь		I WinHTTP Web Proxy Auto-Discovery Service	5.2.3790.3959	👩 Stopped	Implements the Web Proxy Auto-Discovery (WPAD) protocol for Windows HTTF						
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- 6. You can now access the Business Objects server using **https://** and port **8443** (or a custom defined port).
- 7. This procedure was taken from <u>http://tomcat.apache.org/tomcat-5.5-doc/ssl-howto.html</u>
 - a. Please refer to this site for any other issues.