



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

Performance Management Advisors Deployment Guide

Customizing the Tomcat HTTPS Connector

5/8/2025

Customizing the Tomcat HTTPS Connector

The Tomcat installation includes, by default, a self-signed certificate in the Java keystore file configured for the HTTPS connector. As a result, and without any additional configuration, you can use the HTTPS connector to accept SSL-encrypted HTTP requests from users directly and/or through Apache, as described in the documentation detailing [how to configure Apache to use HTTPS when routing requests](#) to the Advisors Tomcat server.

Although it should not be necessary to change this configuration, you might want to change it if you are planning to either use a different port to accept HTTPS connections, or to use a different certificate, such as one signed by a third-party certificate authority or an internal certificate authority.

Procedure: Steps to Replace the Default Keystore for Tomcat HTTPS Connector

Steps

1. Prepare a certificate keystore using the instructions from the [Apache Tomcat 8.0 documentation](#).
2. Edit the HTTPS connector configuration. The connector configuration is found in the installation `apache-tomcat-<version>/conf/` directory `server.xml` file:

```
<Connector port="${HTTPSPort}" protocol="org.apache.coyote.http11.Http11NioProtocol"
           connectionTimeout="${WebConnectorConnTimeout}"
           maxThreads="${MaxThreadPoolSize}"
           minSpareThreads="${MinThreadPoolSize}" SSLEnabled="true" scheme="https"
           secure="true"
           clientAuth="false" sslProtocol="TLS"
           keystoreFile="${informiam.conf.dir}/tomcat-cert" keystorePass="secret"/>
```
3. Set the `keystoreFile` attribute to the path of your keystore file (generated in Step 1).
4. Set the `keystorePass` attribute to the password used in your keystore file.
5. After the changes are complete, restart the Advisors Platform server.
6. You can test the HTTPS connection by accessing `https://<Tomcat Host>:<HTTPS Port>`. The `${HTTPSPort}` property value used in the connector configuration is defined in the installation `apache-tomcat-<version>/conf/` directory `catalina.properties` file and defaults to 8443.