참고사이트 : <http://www.sysnet.pe.kr/2/0/1132>

<http://devhome.tistory.com/64>

<http://itscom.org/archives/1618>

<https://www.securesign.kr/guides/Tomcat-SSL-Certificate-Install>

<http://ddoraisiki.tistory.com/143>

tomcat manual : <https://tomcat.apache.org/tomcat-8.0-doc/ssl-howto.html#Configuration>

openssl : <https://www.openssl.org/source/>

- 자바 start

keytool -genkey -alias tomcat -keyalg RSA

keytool -list

keytool -delete -alias tomcat

- 자바 end

openssl 사용하여 ssl 인증서 적용함

cd /usr/local/openssl

openssl genrsa -des3 1024 > key.pem

openssl req -new -key key.pem > csr.pem

입력

KR

Seoul

Seoul

Funzin

Solution

funzin

[starcx@naver.com](mailto:starcx@naver.com)

funzin

funzin

입력 완료

openssl req -key key.pem -x509 -nodes -sha1 -days 365 -in csr.pem -out funzin.pem

openssl pkcs12 -export -in funzin.pem -inkey key.pem -out .keystore -name funzin

입력

funzin

funzin

funzin

입력완료

톰캣에 추가

vi /usr/local/tomcat/conf/server.xml

<Listener className="org.apache.catalina.core.AprLifecycleListener" SSLEngine="off" /> <-- 변경

<Connector port="443" maxThreads="100"

     schema="https" secure="true" SSLEnabled="true"

     keystoreFile="/root/.keystore" keystorePass="funzin" keystoreType="pkcs12"

     clientAuth="false" sslProtocal="TLS" />

방화벽에 포트 추가

vi /etc/sysconfig/iptables

입력

-A RH-Firewall-1-INPUT -p tcp -m state --state NEW -m tcp --dport 8443 -j ACCEPT

입력완료

/etc/init.d/iptables restart

접속하면 됨

리다이렉트 추가

참고사이트 : <https://tadpoledbhub.atlassian.net/wiki/pages/viewpage.action?pageId=18382851>

<http://tkurek.blogspot.kr/2013/07/tomcat-7-http-to-https-redirect.html>

vi server.xml

<Connector ~

     enableLookups="false"   <-- 추가

/>

vi web.xml

</web-app> 끝나는 태그 직전에 아래의 마크업을 붙여넣습니다.

<security-constraint>

  <web-resource-collection>

    <web-resource-name>Protected Context</web-resource-name>

    <url-pattern>/\*</url-pattern>

  </web-resource-collection>

  <!-- auth-constraint goes here if you requre authentication -->

  <user-data-constraint>

    <transport-guarantee>CONFIDENTIAL</transport-guarantee>

  </user-data-constraint>

</security-constraint>

완료