Tomcat 6 SSL

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Overview

Additional configuration to Tomcat to allow SSL.

Prerequisites

Tomcat 6 PINsafe 3.x

Symptoms

org.apache.catalina.startup.SetAllPropertiesRule begin WARNING: [SetAllPropertiesRule]{Server/Service/Connector} Setting property 'keystoreFile' to 'conf\certificate\.keystore' did not find a matching property. org.apache.catalina.startup.SetAllPropertiesRule begin WARNING: [SetAllPropertiesRule]{Server/Service/Connector} Setting property 'keystorePass' to 'password' did not find a matching property.

and

SEVERE: Error initializing endpoint java.lang.Exception: Invalid Server SSL Protocol SEVERE: Catalina.start LifecycleException: Protocol handler initialization failed: java.lang.Exception: Invalid Server SSL Protocol

Solution

Add protocol=?org.apache.coyote.http11.Http11NioProtocol? to the server.xml file in <path to Apache Tomcat>\Tomcat 6.0\conf

Example:

C:\Program Files\Apache Software Foundation\Tomcat 6.0\conf\server.xml

Example:

From:

```
<Connector port="8443" protocol="HTTP/1.1" SSLEnabled="true"
           maxThreads="150" scheme="https" secure="true"
           clientAuth="false" sslProtocol="TLS" />
```

To:

```
<Connector port="8443" protocol=?org.apache.coyote.Http11NioProtocol? SSLEnabled="true?
           maxThreads="150" scheme="https" secure="true?
           clientAuth="false" sslProtocol="TLS" />
```