

Is there a way to establish a HTTPS Connection with Java 1.3?

Asked 16 years, 2 months ago Modified 16 years, 2 months ago

Viewed 2k times



4

I have to work on an old 1.3 JVM and I'm asked to create a secure connection to another server. Unfortunately the `HttpsURLConnection` only appears since JVM 1.4.



Is there another way to create a secure connection? Is there a library that I could use to add this functionality?



java

https

Share

Improve this question

Follow

asked Oct 1, 2008 at 13:08



[gizmo](#)

11.9k ● 6 ● 46 ● 62

5 Answers

Sorted by:

Highest score (default)



8

You need to install the Java Secure Socket Extension (JSSE), which used to be required because Sun wouldn't ship it with the JDK because of comedy export restrictions. I had a look on Sun's web site, but the JDK 1.3 instructions are proving elusive. Bear in mind that





JDK 1.3 is now end-of-lifed by Sun, so they may not have any information any more.



<http://hc.apache.org/httpclient-3.x/sslguid.html>

Share Improve this answer

answered Oct 1, 2008 at 13:11

Follow



skaffman

403k ● 96 ● 824 ● 774



Check out the [BouncyCastle](#) implementation. It works all the way down to Java 1.1 and J2ME.

4

Share Improve this answer

answered Oct 2, 2008 at 2:39

Follow



Heath Borders

32k ● 21 ● 156 ● 265



2



If JSSE doesn't work out for you (from @skaffman's answer, it may be hard to find documentation), you may want to look into some sort of a proxy. You could set up a daemon running on the same local machine (or trusted network), which then forwards the requests over HTTPS to the final end point. You could write this proxy server using a more modern JVM. Your legacy system would then point to the proxy rather than the real service.



Of course, if, by chance, you also have control over the final end point, you could perhaps just put both servers on a VPN.

Share Improve this answer

Follow

answered Oct 1, 2008 at 13:18



[pkaeding](#)

37.6k ● 31 ● 106 ● 142



You might be able to use [JSSE](#).

0

Share Improve this answer

Follow



[Oli](#)

240k ● 65 ● 226 ● 303



skaffman links to the SSL guide for [jakarta commons HttpClient](#). HttpClient is a good library for dealing with http.

0

Share Improve this answer

Follow



[Kyle Dyer](#)

308 ● 1 ● 4

