

Re: SSL and web services

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet.webservices/2004-05/0013.htm>

From: Trebek (alextrebek_at_intheformofaquestion.com)

Date: 04/30/04

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Hello Rob,

Faced with a similar situation a few years ago, I explored several different options regarding manipulating ASP.NET permissions, other account permissions, etc. In the end, the solution that worked the best was to simply create a COM+ app, set it to run under an account created explicitly for this purpose and go from there. At the time, this was the only viable option but since then, Microsoft supposedly addressed this issue with the following :

For 1.0 framework.

817854 FIX: ASP.NET Web Application Cannot Deliver a Client Certificate to a
<http://support.microsoft.com/?id=817854>

For 1.1 framework

821156 INFO: ASP.NET 1.1 June 2003 Hotfix Rollup Package
<http://support.microsoft.com/?id=821156>

Along with this fix you will need to install the client certificate under the Local_Machine registry hive and not the Current_User hive. You will then need to give the ASP.Net account access to the private key for the client certificate to get all of this to work.

After looking at this, we elected to keep it all as a COM+ app so I don't have an experience with the above-mentioned solution.

HTH,

Alex

"Rob Conery" <robconery@hotmail.com> wrote in message news:O%230LtjoLEHA.1392@TK2MSFTNGP09.phx.gbl...
> Hello- I have been through Google Groups and all over the web reading up on SSL and web services, and so far I think I am becoming an expert! So

here's the problem–

> *I can connect to the web service and execute from a console application, and not from my web application – i receive the familiar "The underlying connection was closed: Could not establish secure channel for SSL/TLS" when i try to run this service.*

>

> *I made my own ICertificatePolicy class, and am using that to ignore the warnings; that didn't do it.*

> *I put the valid certificate in my web root, and referenced it in the code; that didn't do it*

> *I checked my proxy connections, dropped my firewall, made sure the service was running, proxied the WSDL files on my local machine, and that didn't do it.*

>

> *I can't post all of the code here for NDA reasons, but my major question is this: How is it that i can run the exact same code from a console app and have it work, and not have it work using a web app?*

>

> *The only difference that i can see is that the web app process is using the ASPNET account, and not my local account, to execute the web service. I can't see how that would be an issue, but if it is, can one of you genius types offer a solution?*

>

> *Thanks so much,*

> *Rob*

>

>

> *****

> *Sent via Fuzzy Software @ <http://www.fuzzysoftware.com/>*

> *Comprehensive, categorised, searchable collection of links to ASP & ASP.NET resources...*