

# Re: Could not establish trust relationship with remote server

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*Source:*

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2006-06/msg00251.html>

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- *From:* AL <AL@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Thu, 29 Jun 2006 03:40:02 -0700
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Hi

Thanks for the feedback

In regard to point 1. The web service which make the call is impersonating and the only user allowed is a "service user". I assume I will need to grant this user rights in the registry. Can you provide me with detail on which registry keys I need to give rights to?

Many thanks

Al

"sonic" wrote:

ah... i spent weeks with this annoying message in the past!  
i am sure you read all the standard causes of this issue already.  
2 additional things to check for:

1.  
One odd and interesting cause of this for me that took forever to figure out, was that the user running the website had insufficient rights to access the registry, which apparently is needed to retrieve the trusted certificate, or something having to do with above process. to troubleshoot you could make the user running the website application that is throwing this exception ( aspnet or nt authority etc) admin, and if that fixes it, remove the admin right, than go to run>regedt32>edit>permissions, and add read rights for your iis user there.

2.  
another (non standard) problem that caused this for me in the past, was that the server running behind a firewall, and the IIS user did not attempt to go through the proxy server. the proxy settings can be applied in registry, but to quickly test if this is the case perform the following test:

- create a console app that consumes the remote https service
- open a website directly to that https service to ensure that you

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can access it

- run the console app and see if it is successful.
- what is happening here, is that you are running that app as you, and it is using the same proxy server you have setup in MSIE to make your browser hit the proxy.

if you discovered that your app is working, hopefully you have a skilled systems group [as we did] that will apply appropriate proxy settings to your internet user. this can be done in registry, or you can login as that user ( you may need to change local logon policy so he's allowed to logon ) and then change proxy settings in msie. this gets written to registry current\_user node and will be available for the future for that user.

hope that helps.

- Rafal

AL wrote:

Hi

I've got two web services both running on the same web server. Both web services are accessed via https and the same root level domain.

I wrote the client application which post information to one of the web services and depending on which method was invoked calls the second web service for additional functionality.

I received the following error when I first wrote the client application:

The underlying connection was closed: Could not establish trust relationship with remote server

To correct this I implemented the ICertificatePolicy interface and forced the method to always return true. I then set the ServicePointManager's CertificatePolicy property to an instance of the class which implements the interface.

This resolved the problem from client perspective.

However, when the web service calls into the other web service, I get the error as well. My resolution was to do the same from which in the primary web service.

When I call the second web service (from the primary web service), I create an instance of the same class and set the ServicePointManager's property. This however does not solve the problem the same was that it does when the client application encounters this error.

These web service are hosted within an ASP environment. I'm no expert here,

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so is there some way the environment could be setup that some security boundary is preventing the two web services from communicating correctly?

Many thanks

Al