

Ruby master - Feature #9758

Allow setting SSLContext#extra_chain_cert in Net::HTTP

04/18/2014 08:47 PM - stouset (Stephen Touset)

Status:	Closed
Priority:	Normal
Assignee:	openssl
Target version:	
Description	
Currently, Net::HTTP can only send a single SSL certificate when it establishes a connection. Some use-cases involve sending an entire certificate chain to the destination; for this, SSLContext supports assigning to #extra_chain_cert=.	
This adds support in Net::HTTP for exposing this underlying SSLContext property to end-users.	

Associated revisions

Revision 31af0daf - 05/12/2020 03:55 AM - Stephen Touset

Expose SSLContext#extra_chain_cert in Net::HTTP

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History

#1 - 09/13/2015 03:27 AM - zzak (Zachary Scott)

- Assignee set to openssl

#2 - 09/13/2015 05:35 AM - nobu (Nobuyoshi Nakada)

- Tracker changed from Bug to Feature

- Description updated

#3 - 11/28/2018 05:54 PM - stan3 (Tristan Hill)

any feedback on this?

#4 - 03/18/2019 10:12 PM - kitchen (Jeremy Kitchen)

I would also love to know about this. I'm running into an issue right now where I'm trying to use ruby (specifically with rest-client, but it's just a wrapper around Net::HTTP) to call out to an API with a client certificate and need a certificate chain to go along with it. The problem is described very well here: <https://medium.com/in-the-weeds/net-http-and-x509-client-certificate-chains-and-monkey-patches-oh-my-ea5258dcb697>

Thanks!

#5 - 12/09/2019 08:18 PM - danielc192 (Daniel Cohen)

This change is still blocking X509 certificate presentation with Net::HTTP, specifically when an intermediate certificate is required. The current workaround is to create a mixin for the Net::HTTP module (see the blog post linked in the previous comment), but this isn't a great long term solution. Is there another, less hacky way to solve this?

This issue has been open for nearly 5 years. Other than the patch being outdated, is there a reason this hasn't been merged? I'm happy to update the patch and resubmit, if that's the only obstacle.

Thanks!

#6 - 05/12/2020 03:56 AM - Anonymous

- Status changed from Open to Closed

Applied in changeset [git|31af0dafba6d3769d2a39617c0dddedb97883712](https://github.com/dotnet/corefx/commit/31af0dafba6d3769d2a39617c0dddedb97883712).

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Files

0001-Expose-SSLContext-extra_chain_cert-in-Net-HTTP.patch	1.54 KB	04/18/2014	stouset (Stephen Touset)
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