

Ruby master - Feature #9450

Allow overriding SSLContext options in Net::HTTP

01/26/2014 01:13 PM - ebroder (Evan Broder)

Status:	Closed
Priority:	Normal
Assignee:	naruse (Yui NARUSE)
Target version:	
Description	
<p>While the Ruby team is hashing out the future of OpenSSL in Ruby, I thought it would be useful to add the missing hook so that end-users could control their behavior when issuing HTTP requests.</p> <p>Right now it's possible to specific a specific SSL version to use, but that's actually not all that useful for interacting with the internet in general. I'd like to support the highest SSL version possible, but as many sites don't yet support e.g. TLSv1.2, I'm forced to set <code>ssl_version</code> to <code>:SSLv3</code> or maybe <code>:TLSv1</code>.</p> <p>A much better solution is to disable the versions I don't want, which can be done by setting, e.g., the <code>SSL_OP_NO_SSLv2</code> flag to http://www.openssl.org/docs/ssl/SSL_CTX_set_options.html, or <code>OpenSSL::SSL::SSLContext#options=</code> in Ruby's bindings. However, with <code>Net::HTTP</code>, there's currently no way to access these option flags.</p> <p>This patch adds an <code>ssl_options</code> attribute to <code>Net::HTTP</code>, which controls the options attribute on the resulting <code>SSLContext</code>.</p>	

Associated revisions

Revision dcea9198 - 10/21/2017 04:25 PM - naruse (Yui NARUSE)

Introduce `Net::HTTP#min_version/max_version` [Feature #9450]

Set SSL minimum/maximum version.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@60311 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 60311 - 10/21/2017 04:25 PM - naruse (Yui NARUSE)

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History

#1 - 01/27/2014 05:32 AM - shyouhei (Shyouhei Urabe)

:+1: nice-to-have. Also agree that `#options=` is too vague in name.

#2 - 08/17/2017 07:28 AM - ienev (Iskar Enev)

Being able to exclude versions of TLS and/or add additional option flags (without monkey patching) would indeed be quite useful, especially in the cases where TLS 1.0 needs to be excluded for compliance reasons. Hopefully this issue will get some attention.

#3 - 10/21/2017 04:25 PM - naruse (Yui NARUSE)

- Status changed from Open to Closed

Applied in changeset [trunk|r60311](#).

Introduce Net::HTTP#min_version/max_version [Feature [#9450](#)]

Set SSL minimum/maximum version.

Files

0001-Expose-the-SSLContext-options-attribute-in-Net-HTTP.patch	1.73 KB	01/26/2014	ebroder (Evan Broder)
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