

libosmocore - Feature #2610

optimize GnuTLS fallback

11/02/2017 12:30 PM - msuraev

Status: New	Start date: 11/02/2017
Priority: Low	Due date:
Assignee:	% Done: 0%
Category:	
Target version:	
Spec Reference:	
Description	
<p>The osmo_get_rand_id() uses GnuTLS as a fallback in case of getrandom is unavailable or fails.</p> <p>It's been suggested to use static variable to cache the failure of getrandom and always use GnuTLS fallback after first getrandom failure.</p> <p>The getrandom calls are compiled-time option and used only if available.</p> <p>To test this properly we first have to merge osmo_get_rand_id() support into osmo-*, than create test suite which measures the impact of getrandom calls. This requires following:</p> <ul style="list-style-type: none">• getrandom support is compiled-in (default if available)• gnutls fallback is enabled (default unless embedded build is used)• getrandom always fails (not sure how to make this happen)	
Related issues:	
Related to libosmocore - Bug #1694: integrate debian patches	Resolved 04/22/2016
Related to libosmocore - Bug #3909: osmo_get_rand_id() fails in containerised...	New 04/07/2019

History

#1 - 11/02/2017 04:38 PM - msuraev

- Related to Bug #1694: integrate debian patches added

#2 - 05/01/2018 04:07 PM - laforge

- Priority changed from Normal to Low

#3 - 05/08/2019 03:04 PM - laforge

- Related to Bug #3909: osmo_get_rand_id() fails in containerised environment added