

Cellular Network Infrastructure - Bug #2330

add --enable-sanitize configure flag to osmocom cellular network projects (osmo-{msc,bsc,sgsn} and dependencies)

06/18/2017 02:18 PM - neels

Status:	Closed	Start date:	06/18/2017
Priority:	Urgent	Due date:	
Assignee:	neels	% Done:	100%
Category:			
Target version:			
Spec Reference:			
Description			
Let's add the --enable-sanitize configure switch in every osmocom git repos (of interest) and include such build in the standard master HEAD as well as gerrit build jobs. We could then drop the Osmocom_Sanitize build entirely.			
Related issues:			
Related to OsmoHNBGW - Bug #2638: segfault during luCS connect request		Closed	11/14/2017

History

#1 - 06/18/2017 02:21 PM - neels

ml thread: <http://lists.osmocom.org/pipermail/openbsc/2017-June/010821.html>
add --enable-sanitize in libosmocore: <http://git.osmocom.org/libosmocore/commit/?id=a23817622b28cb1969a73ffd36da501eb29b9cd7>

#2 - 06/19/2017 09:56 AM - msuraev

In libosmo-abis it was added in 8a3be282ab265a2587608e471b274dda200eae84.

#3 - 07/10/2017 06:42 PM - laforge

- Assignee set to neels
- Priority changed from Normal to Low

#4 - 07/13/2017 08:39 PM - neels

- Subject changed from fix Osmocom_Sanitize build to add --enable-sanitize configure flag to osmocom cellular network projects (osmo-{msc,bsc,sgsn} and dependencies)

Actually, the fact that 'make CFLAGS+=...' breaks the build was due to an error in Makefile.am, which was using CFLAGS instead of AM_CFLAGS: fixed in <https://gerrit.osmocom.org/2975>

It would still be nice to have --enable-sanitize everywhere.

#5 - 07/13/2017 08:40 PM - neels

- Description updated

#6 - 11/16/2017 11:28 AM - neels

- Status changed from New to In Progress
- Priority changed from Low to Urgent

I am facing segfaults in osmo-hnbgw ([#2638](#)) and started to add sanitizer options to osmo-juh.git and osmo-msc.git. Actually, the regression tests uncover sanitizer failures right away. So adding sanitizer options now and fixing the bugs.

#7 - 11/16/2017 11:28 AM - neels

- Related to Bug #2638: segfault during luCS connect request added

#8 - 11/20/2017 12:27 PM - neels

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

I've added an --enable-sanitize configure flag to all cellNet git trees (merged).

<https://gerrit.osmocom.org/#/q/%22--enable-sanitize%22>

Found scores of new sanitizer issues using debian9 (stable), which finds more issues than deb8 did.

#9 - 02/06/2018 08:25 AM - laforge

- Status changed from Resolved to Closed