

OsmoMSC - Bug #2880

OsmoMSC never releases MO call if MNCC doesn't respond to SETUP

01/26/2018 09:27 PM - laforge

Status: Resolved	Start date: 01/26/2018
Priority: Normal	Due date:
Assignee: neels	% Done: 0%
Category: MNCC Interface	
Target version:	
Resolution:	
Description	
It seems like the call is never released in case the MNCC interface never responds to a MO SETUP.	
See attached trace.	
Terminating the MNCC handler doesn't seem to change this either, at least not on the CC signalling side. The log prints:	
<pre><0004> mncc_sock.c:85 MNCC Socket has LOST connection <0001> gsm_04_08.c:191 Clearing all currently active transactions!!! <0007> msc_mgcp.c:1049 (subscriber:IMSI:262420000000026) invalid mgcp context, call release failed . <0001> gsm_04_08.c:1307 (ti 08 sub IMSI:262420000000026) new state INITIATED -> NULL</pre>	
however, no attempt is made to send a CC release to the MS, nor is the SCCP connection cleared.	
See MSC_Tests.TC_mo_setup_and_nothing	
Related issues:	
Related to OsmoMSC - Bug #3125: testcase for fixed "osmo-msc crashes while ha...	New 03/29/2018

History

#1 - 03/29/2018 03:34 PM - pespin

- Related to Bug #3125: testcase for fixed "osmo-msc crashes while handling a call" added

#2 - 04/03/2018 10:46 AM - neels

There is a patch series coming to refactor the MSC's conn FSM to discard connections as soon as the use count reaches zero. It is worth checking this error separately, i.e. make sure that an MNCC SETUP timeout indeed results in a use count decrement.

The FSM does not handle CC timeouts, that is still done the "old" way within our CC implementation. Might be worth a thought to implement an actual CC FSM as well, as a child of the subscr_conn FSM, with timeouts for each state except the active call.

#3 - 04/04/2018 08:38 AM - laforge

- Assignee changed from sysmocom to neels

#4 - 08/20/2018 03:23 PM - neels

(I'm not that familiar with MNCC setups, maybe someone else could investigate this one?)

#5 - 06/18/2019 10:04 PM - neels

(I have since then become familiar with MNCC setups and can indeed investigate this one. Once I get to it.)

#6 - 06/18/2019 10:23 PM - neels

- Status changed from New to Resolved

TC_mo_setup_and_nothing passes.

I hope that means the issue is resolved.

Files

20180126-osmomsc-mocall-setup-nothing.pcap	2.73 KB	01/26/2018	laforge
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