

OsmoSGSN - Bug #2955

No GMM ATTACH REJECT on GSUP UpdateLocation Error

02/17/2018 08:30 AM - laforge

Status:	New	Start date:	02/17/2018
Priority:	High	Due date:	
Assignee:	lynxis	% Done:	0%
Category:	GSUP interface		
Target version:			
Spec Reference:			

Description

When the HLR responds with a UpdateLocation Error during AttachRequest processing, OsmoSGSN doesn't send the expected GMM ATTACH REJECT to the MS:

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Sat Feb 17 09:28:05 2018 DLLC <0012> gprs_llc.c:526 LLC RX: unknown TLLI 0xd5390b4c, creating LLME
on the fly
Sat Feb 17 09:28:05 2018 DLLC <0012> gprs_llc_parse.c:81 LLC SAPI=1 C U GEA0 IOV-UI=0x000000 FCS
=0x24bf94 CMD=UI DATA
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_gmm.c:1271 MM(---/ffffff) -> GMM ATTACH REQUEST MI(2624
20000000006) type="GPRS attach"
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_sgsn.c:237 MM(/00000000) Allocated with GEA0 cipher.
Sat Feb 17 09:28:05 2018 DLGLOBAL <001d> rate_ctr.c:218 counter group 'sgsn:mmctx' already exists
for index 0, instead using index 2. This is a software bug that needs fixing.
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_gmm.c:556 MM(262420000000006/d724f6f6) <- GPRS IDENTITY R
EQUEST: mi_type=IMEI
Sat Feb 17 09:28:05 2018 DLLC <0012> gprs_llc_parse.c:81 LLC SAPI=1 C U GEA0 IOV-UI=0x000000 FCS
=0x612fca CMD=UI DATA
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_gmm.c:1194 MM(262420000000006/d724f6f6) -> GMM IDENTITY R
ESPONSE: MI(IMEI)=499990000000006
Sat Feb 17 09:28:05 2018 DMM <0002> sgsn_auth.c:160 MM(262420000000006/d724f6f6) Requesting author
ization
Sat Feb 17 09:28:05 2018 DMM <0002> sgsn_auth.c:185 MM(262420000000006/d724f6f6) Requesting authen
tication tuples
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_subscriber.c:894 MM(262420000000006/d724f6f6) Requesting
subscriber authentication info
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_sgsn.c:726 MM(262420000000006/d724f6f6) Subscriber data u
pdate
Sat Feb 17 09:28:05 2018 DMM <0002> sgsn_auth.c:219 MM(262420000000006/d724f6f6) Updating authoriz
ation (unknown -> authenticate)
Sat Feb 17 09:28:05 2018 DMM <0002> sgsn_auth.c:248 MM(262420000000006/d724f6f6) Got authorization
update: state unknown -> authenticate
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_gmm.c:591 MM(262420000000006/d724f6f6) <- GPRS AUTH AND C
IPHERING REQ (rand = ba fd 0b 20 23 9b 1b c5 be 69 09 8c 8e d2 c6 e8 )
Sat Feb 17 09:28:05 2018 DLLC <0012> gprs_llc_parse.c:81 LLC SAPI=1 C U GEA0 IOV-UI=0x000000 FCS
=0xeb6e08 CMD=UI DATA
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_gmm.c:731 MM(262420000000006/d724f6f6) -> GPRS AUTH AND C
IPH RESPONSE
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_gmm.c:778 MM(262420000000006/d724f6f6) checking auth: rec
eived GSM SRES = 4f 30 2f 17
Sat Feb 17 09:28:05 2018 DMM <0002> sgsn_auth.c:160 MM(262420000000006/d724f6f6) Requesting author
ization
Sat Feb 17 09:28:05 2018 DMM <0002> sgsn_auth.c:196 MM(262420000000006/d724f6f6) Missing informati
on, requesting subscriber data
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_subscriber.c:869 MM(262420000000006/d724f6f6) Requesting
subscriber data update
Sat Feb 17 09:28:05 2018 DGPRS <000f> gprs_subscriber.c:539 SUBSCR(262420000000006) GPRS update lo
cation failed, GMM cause = 'Network failure' (17)
Sat Feb 17 09:28:05 2018 DMM <0002> gprs_sgsn.c:726 MM(262420000000006/d724f6f6) Subscriber data u
pdate
Sat Feb 17 09:28:05 2018 DMM <0002> sgsn_auth.c:219 MM(262420000000006/d724f6f6) Updating authoriz
ation (authenticate -> authenticate)
Sat Feb 17 09:28:35 2018 DLINP <001f> input/ipa.c:67 connection closed with server
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Sat Feb 17 09:28:45 2018 DLGSUP <0027> gsup_client.c:76 GSUP connecting to 127.0.0.1:4222

I've created SGSN_Tests.TC_attach_gsup_lu_reject for this.

History

#1 - 05/17/2018 01:57 PM - laforge

- Assignee changed from *sysmocom* to *lynxis*

#2 - 04/09/2019 11:24 AM - laforge

- Priority changed from *Normal* to *High*

#3 - 04/15/2019 07:34 AM - laforge

Files

20180216-sgsn-ul-reject.pcap	2.2 KB	02/17/2018	laforge
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