

## OsmoSGSN - Bug #2954

### No GMM ATTACH REJECT on GSUP SendAuthInfo Error

02/17/2018 08:24 AM - laforge

<b>Status:</b>	Closed	<b>Start date:</b>	02/17/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	lynxis	<b>% Done:</b>	100%
<b>Category:</b>	GSUP interface		
<b>Target version:</b>			
<b>Spec Reference:</b>			

#### Description

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

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Sat Feb 17 09:22:04 2018 DMM <0002> gprs_gmm.c:1271 MM(---/ffffff) -> GMM ATTACH REQUEST MI(262420000000003) type="GPRS attach"
Sat Feb 17 09:22:04 2018 DMM <0002> gprs_sgsn.c:237 MM(/00000000) Allocated with GEA0 cipher.
Sat Feb 17 09:22:04 2018 DLGLOBAL <001d> rate_ctr.c:218 counter group 'sgsn:mmctx' already exists for index 0, instead using index 1. This is a software bug that needs fixing.
Sat Feb 17 09:22:04 2018 DMM <0002> gprs_gmm.c:556 MM(262420000000003/c2b7f00d) <- GPRS IDENTITY REQUEST: mi_type=IMEI
Sat Feb 17 09:22:04 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 09:22:04 2018 DMM <0002> gprs_gmm.c:1194 MM(262420000000003/c2b7f00d) -> GMM IDENTITY RESPONSE: MI(IMEI)=499990000000003
Sat Feb 17 09:22:04 2018 DMM <0002> sgsn_auth.c:160 MM(262420000000003/c2b7f00d) Requesting authorization
Sat Feb 17 09:22:04 2018 DMM <0002> sgsn_auth.c:185 MM(262420000000003/c2b7f00d) Requesting authentication tuples
Sat Feb 17 09:22:04 2018 DMM <0002> gprs_subscriber.c:894 MM(262420000000003/c2b7f00d) Requesting subscriber authentication info
Sat Feb 17 09:22:04 2018 DGPRS <000f> gprs_subscriber.c:504 SUBSCR(262420000000003) GSUP protocol remote error, GMM cause = 'GSM authentication unacceptable' (23)
```

I've created SGSN\_Tests.TC\_attach\_auth\_sai\_reject for this

#### Related issues:

Related to OsmoSGSN - Bug #3302: implement a FSM for GMM Attach Request **Closed** **05/29/2018**

#### History

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

- Assignee changed from sysmocom to lynxis

##### #2 - 05/29/2018 04:36 PM - lynxis

- Status changed from New to Stalled

- % Done changed from 0 to 60

- Parent task set to #3302

TC passing when using the new FSM implementation.

##### #3 - 05/29/2018 04:37 PM - lynxis

- Parent task deleted (#3302)

**#4 - 05/29/2018 04:37 PM - lynxis**

- Related to Bug #3302: implement a FSM for GMM Attach Request added

**#5 - 09/15/2018 08:10 PM - lynxis**

- Status changed from Stalled to Closed

- % Done changed from 60 to 100

The test is passing now.

**Files**

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20180216-sgsn-sai-reject.pcap	3.31 KB	02/17/2018	laforge
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