

OsmoSGSN - Bug #2956

GMM DETACH REQUEST (power-off) results in LLC XID

02/17/2018 02:05 PM - laforge

Status:	New	Start date:	02/17/2018
Priority:	Low	Due date:	
Assignee:	lynxis	% Done:	0%
Category:	Gb interface		
Target version:			
Spec Reference:			
Description			
When sending a GMM DETACH REQUEST (power-off), we send a XID RESET.			
As per Figure 4.7.4/1 of 3GPP TS 24.008, the DETACH REQUEST is a unilateral L3 message with no response/follow-up.			
Now of course it's questionable how to react in case the TLLI is unknown, and our attempt at recovering from that is to send a XID. That may or may not be the right thing to do here. I'm unsure.			
<pre>Sat Feb 17 15:02:20 2018 DLLC <0012> gprs_llc.c:526 LLC RX: unknown TLLI 0xcf6b13e6, creating LLME on the fly Sat Feb 17 15:02:20 2018 DLLC <0012> gprs_llc_parse.c:81 LLC SAPI=1 C U GEA0 IOV-UI=0x000000 FCS =0x270d39 CMD=UI DATA Sat Feb 17 15:02:20 2018 DMM <0002> gprs_gmm.c:1919 Cannot handle GMM for unknown MM CTX Sat Feb 17 15:02:20 2018 DLLC <0012> gprs_llc.c:1076 LLGM Reset Sat Feb 17 15:02:20 2018 DMM <0002> gprs_gmm.c:1463 MM(---/ffffffff) -> GMM DETACH REQUEST TLLI=0x cf6b13e6 type=GPRS detach Power-off</pre>			

History

#1 - 02/17/2018 02:05 PM - laforge

- Subject changed from GMM DETACH REQUEST for unknown TLLI results in GMM DETACH ACCEPT to GMM DETACH REQUEST (power-off) results in LLC XID

#2 - 02/17/2018 02:06 PM - laforge

- File 20180216-sgsn-detach-xid.pcap added

#3 - 04/15/2019 07:36 AM - laforge

- Category set to Gb interface

- Assignee set to lynxis

Files

20180216-sgsn-detach-xid.pcap	488 Bytes	02/17/2018	laforge
-------------------------------	-----------	------------	---------