

OsmoMSC - Feature #2583

SGsAP Interface for LTE/ePC CSFB Support

10/19/2017 11:59 AM - laforge

Status: Resolved	Start date: 10/19/2017
Priority: High	Due date:
Assignee: dexter	% Done: 100%
Category:	
Target version:	
Resolution:	Spec Reference:
Description It would be great to support combined 2G+4G networks by having a SGsAP interface in our MSC/VLR. This interface is used for circuit-switched fallback between the MME and the MSC/VLR. It's not based on ASN.1 and also not using SIGTRAN. Rather' it's using GSM-style TLVs over plain SCTP. For a detailed specification, see 3GPP TS 29.118. Let's use this ticket to document what it would take to add this to OsmoMSC. For a high-level summary of how CSFB and SMS-over-SGs, see http://www.leliwa.com/downloads/CSFB_and_SMSoverSGs.pdf	
Subtasks:	
Feature # 3613: SGsAP message encoding/decoding library	Closed
Feature # 3614: SGs integration tests in TTCN3	Resolved
Feature # 3615: SGs subscriber state machine	Resolved
Related issues:	
Related to OsmoMSC - Feature #1599: Gs interface (BSSMAP+) between SGSN and M...	New 02/23/2016
Related to OsmoSGSN - Feature #1583: Gs interface (BSSMAP+) between SGSN and ...	New 02/23/2016

History

#1 - 10/29/2017 09:06 PM - laforge

See also [SGs_Interface](#)

#2 - 10/29/2017 09:07 PM - laforge

- Related to Feature #1599: Gs interface (BSSMAP+) between SGSN and MSC/VLR added

#3 - 10/29/2017 09:07 PM - laforge

- Related to Feature #1583: Gs interface (BSSMAP+) between SGSN and MSC/VLR added

#4 - 09/26/2018 02:05 PM - laforge

#5 - 10/02/2018 05:55 PM - laforge

- Priority changed from Low to High

#7 - 10/10/2018 08:34 PM - laforge

- Status changed from New to In Progress

#8 - 01/25/2019 12:45 PM - laforge

- Assignee changed from laforge to dexter

#9 - 06/19/2019 08:30 AM - laforge

- Status changed from In Progress to Stalled

#10 - 07/18/2019 05:09 AM - laforge

- % Done changed from 0 to 80

#11 - 09/04/2019 09:18 AM - laforge

- Status changed from Stalled to Resolved

- % Done changed from 80 to 100