

## Cellular Network Infrastructure - Feature #2534

### move gsup\_client and oap\_client code out of osmo-{msc,sgsn}.git

10/04/2017 02:24 PM - neels

<b>Status:</b>	Resolved	<b>Start date:</b>	10/04/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	msuraev	<b>% Done:</b>	100%
<b>Category:</b>			
<b>Target version:</b>			
<b>Spec Reference:</b>			
<b>Description</b>			
osmo-msc.git and osmo-sgsn.git both use GSUP. The GSUP protocol definition is in libosmocore already, but both osmo-sgsn and osmo-msc duplicate the gsup_client code. The gsup_client also depends on oap_client. OAP is currently not used by us but we should keep it active for future use.  gsup_client uses libosmo-abis/ipa as IPA Multiplex implementation. Hence gsup_client as well as oap_client cannot move to libosmocore, but need to move "at least" to libosmo-abis. (libosmo-abis/ipa uses libosmocore/gsm/ipa, but the server link code is in libosmo-abis.)  Semantically, libosmo-abis is not the right place for GSUP and OAP: they are not at all related to the Abis interface.  Clarify: what should move where? Then move it to drop the gsup_client code dup between osmo-msc and osmo-sgsn.			
<b>Related issues:</b>			
Related to OsmoMSC - Feature #2528: remove dead code after split from openbsc...		<b>Resolved</b>	<b>10/04/2017</b>
Related to OsmoSGSN - Feature #2530: remove dead code after split from openbs...		<b>Rejected</b>	<b>10/04/2017</b>

### History

#### #1 - 10/04/2017 02:25 PM - neels

- Subject changed from move gsup\_client and oap\_client to libosmocore to move gsup\_client and oap\_client code out of osmo-{msc,sgsn}.git

#### #2 - 10/04/2017 02:25 PM - neels

- Project changed from libosmocore to Cellular Network Infrastructure

#### #3 - 10/04/2017 02:25 PM - neels

- Related to Feature #2528: remove dead code after split from openbsc.git added

#### #4 - 10/04/2017 02:26 PM - neels

- Related to Feature #2530: remove dead code after split from openbsc.git added

#### #5 - 08/20/2018 03:59 PM - neels

- Status changed from New to Feedback

- Assignee set to laforge

osmo-hlr.git recently got libosmo-gsup-client -- if a dep of {msc,sgsn} -> osmo-hlr is acceptable, this code could move in there?

#### #6 - 10/03/2018 09:25 AM - laforge

neels wrote:

osmo-hlr.git recently got libosmo-gsup-client -- if a dep of {msc,sgsn} -> osmo-hlr is acceptable, this code could move in there?

yes, that's the point and in fact <https://gerrit.osmocom.org/#/c/osmo-sgsn/+10284/> is a patch for that, but it somehow fails for not-yet-resolved reasons.

**#7 - 10/03/2018 09:29 AM - laforge**

- Status changed from Feedback to New

**#8 - 10/17/2018 10:18 AM - laforge**

- Assignee changed from laforge to msuraev

**#9 - 10/30/2018 06:09 PM - laforge**

- % Done changed from 0 to 50

at least for osmo-sgsn, libosmo-gsup-client has just been removed by change-id I6f542945403cf2e3ddac419186b09ec0e2d43b69.

In osmo-msc, it has already been removed as part of change-id I6f542945403cf2e3ddac419186b09ec0e2d43b69 back in July.

This leaves the ticket remaining about oap\_client.

**#10 - 11/01/2018 01:21 PM - msuraev**

- Status changed from New to In Progress

There's no oap implementation in OsmoSGSN. Related cleanup patch is available in <https://gerrit.osmocom.org/#/c/osmo-sgsn/+11566/>

**#11 - 11/01/2018 01:24 PM - msuraev**

- Status changed from In Progress to Resolved

- % Done changed from 50 to 100

OAP client was removed from OsmoMSC some time ago already.