As incoming messages on the IPA/SCCPlite protocol do not have a MTP routing label, nor is there any requirement for the SCCP Addresses to contain point codes, the IPA/SCCPlite support of osmo-stp currently inserts/adds “artificial” point codes at the point of IPA/SCCPlite ingress. Those point codes are added both to the [newly-created] MTP label, but also to the SCCP Addresses.

We require a mode of operation for osmo-stp where the point codes are not inserted into the SCCP addresses.

Related issues:
Related to OsmoSTP - Bug #4236: osmo-stp segfaults if IPA client sends unpars... Resolved 10/19/2019

Revision ecb2cf1a - 10/19/2019 08:31 PM - laforge

ipa: VTY config option to explicitly enable/disable SCCP patching

When receiving SCCP messages from an IPA peer/ASP, osmo-stp so far unconditionally inserted origin/destination point codes int the SCCP called / calling party addresses.

This behaviour is now made optional with the introduction of the following per-AS configuration:
"point-code override patch-sccp (disabled|both)"

The default behavior is switched from 'both' to 'disabled' at the same time.

Change-Id: I535e2170adadfe755d2bcbf5bfbf4556bebb77737
Closes: OS#4219

History
#1 - 10/19/2019 03:23 PM - laforge
- Assignee changed from pespin to laforge

#2 - 10/19/2019 03:28 PM - laforge
- Related to Bug #4236: osmo-stp segfaults if IPA client sends unparseable SCCP added

#3 - 10/19/2019 03:46 PM - laforge
- Status changed from New to In Progress

#4 - 10/20/2019 05:02 PM - laforge
- % Done changed from 0 to 80

Functionality implemented in https://gerrit.osmocom.org/#/c/libosmo-sccp/+/15814/

Related automatic tests are present as TC_ipa_to_m3ua and TC_ipa_to_m3ua_patch_sccp in STP_Tests.ttcn currently under development.

Let's keep this open until the tests are merged.

#5 - 11/13/2019 04:50 PM - laforge
- Status changed from In Progress to Closed
- % Done changed from 80 to 100

all commits merged, tests pass. closing,