**OsmoSTP - Bug #4239**

**osmo-stp allows RKM de-registration of routing key that never was registered via RKM**

10/21/2019 12:55 PM - laforge

| Status:   | Resolved       | Start date: | 10/21/2019 |
| Priority: | Low            | Due date:   |
| Assignee: | osmith         | % Done:     | 100%       |

**Description**

When an ASP is sending an M3UA RKM DEREG for a routing context/key which was statically configured in the VTY/config, we should not allow for de-registration using RKM. RKM should only de-register routing keys/contexts that were dynamically registered first.

See upcoming STP_Tests_M3UA.TC_rkm_unreg_never_registered

**Associated revisions**

- **Revision 1a75755f - 07/23/2021 08:02 AM - osmith**
  m3ua: reject deregistration of static routing keys
  
  Make STP_Tests_M3UA.TC_rkm_unreg_never_registered pass.
  
  Closes: OS#4239
  Change-Id: le5d84d06e7d5d32c8a22f770f71a5449f4a78484

- **Revision 326d78ed - 07/27/2021 07:26 AM - osmith**
  stp: fix TC_rkm_unreg_registered
  
  Create the routing key dynamically, before trying to unregister it. The previous version tried to unregister a statically configured routing key, as in TC_rkm_unreg_never_registered, but expected success instead of the proper ERR_NOT_REG.
  
  So after fixing osmo-stp to make TC_rkm_unreg_never_registered pass, this test failed.
  
  Related: OS#4239
  Change-Id: l7d2f9eb298778a8e60c7e73f314bc73528e85406

- **Revision ee02223e - 07/27/2021 07:26 AM - osmith**
  stp: fix TC_rkm_unreg_active
  
  Create the routing key dynamically, before trying to unregister it, so osmo-stp doesn't answer with ERR_NOT_REG instead of the expected ERR_ASP_ACTIVE. While at it, add missing clean up logic.
  
  Related: OS#4239
  Change-Id: l311fca85d23a8767eb0ceb513ff5b440558a475b

**History**

- **#1 - 02/06/2021 10:03 AM - laforge**
  - Assignee changed from laforge to osmith

- **#2 - 07/23/2021 08:04 AM - osmith**
  - Status changed from New to In Progress
  - % Done changed from 0 to 90

https://gerrit.osmocom.org/c/libosmo-sccp/+/25024
Tests had to be adjusted too: https://gerrit.osmocom.org/q/topic:stp-rkm-reg

- Status changed from In Progress to Resolved
- % Done changed from 90 to 100

Applied in changeset libosmo-sccp/1a75755f9b47bc93600da36df61c5ea1e1ad283d68.