# 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

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## 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: l7d2f9eb298778a8e60c7e793f314bc73528e85406

**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: I31fcb85d23a8767eb0ceb513f5b440558a475b

**Revision 5a3f99c0 - 08/15/2021 05:17 PM - osmith**

stp: rename mp_stp_has_asp_quirk

Rename the option to mp_osmo_stp_newer_than_1_4_0, because I'm going to use the variable in the next patch for something unrelated to the asp quirk and so we can avoid introducing another variable.

Related: docker-playground l6a32398242b53c827a94cd65e4a35900a7c4171a
Related: OS#4239
Change-Id: I43b1aa2c029c88c68320d40f60df46a5eb6c4c24

**Revision 5af90d11 - 08/15/2021 05:17 PM - osmith**
stt: TC_rkm_unreg_never_registered: !latest

Disable test TC_rkm_unreg_never_registered for current latest version of osmo-stp (1.4.0), as it does not clean up properly and now causes other tests to fail.

With this patch, test results for -latest are restored to how it was before I7d2f9eb2987778a8e60c7e73f314bc73528e85406 and I31fcba85d23a8767eb0ceb513ff5b440558a475b were merged.

Related: OS#4239
Change-Id: lce8fe9597a0a12eb4ec26172982a0f5cd01a148b

Revision 476e38e4 - 08/16/2021 09:34 AM - osmith
ttcn3-stp-test: rename mp_stp_has_asp_quirk

Rename the option to mp_osmo_stp_newer_than_1_4_0, because I'm going to use the variable in an upcoming osmo-ttcn3-hacks.git patch for something unrelated to the asp quirk so we can avoid introducing another variable.

Related: osmo-ttcn3-hacks I43b1aa2c029c88c88320d40f60df46a5eb6c4c24
Related: OS#4239
Change-Id: l6a32398242b53c827a94cf65e4a35900a7c4171a

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

#3 - 07/23/2021 10:08 AM - osmith

Tests had to be adjusted too: https://gerrit.osmocom.org/g/topic:stp-rkm-reg

#4 - 07/27/2021 12:52 PM - osmith
- Status changed from In Progress to Resolved
- % Done changed from 90 to 100

Applied in changeset libosmo-sccp1a75755f9b47bc93600dafa61c5ea1ead2a83d68.