BSSGP does not wait after BVC Reset timeout

The first time a BVC Reset times out we wait a couple seconds, but after sending the second BVC Reset all other Resets are sent directly after another without waiting.

Revision 82a35a1d - 07/23/2020 12:24 PM - pespin

bts-trx: Fix osmocom dyn ts assert hit during Adm State Unlock

How to reproduce:

- Configure a TS to be TCH/F_TCH/H_PDCCH in osmo-bsc.cfg
- Run the network with osmo-bts-trx, then use osmo-bsc's "rf_locked 1"
- Then, unlock it: "rf_locked 0"
- The following assert will be hit:

```
Assert failed ts->dyn.pchan_is == ts->dyn.pchan.want /osmo-bts/src/osmo-bts-trx/l1_if.c:349
```

```
(gdb) bt
#0  0x00007ffffffb3955 in raise () from /usr/lib/libc.so.6
#1  0x00007ffffffb2853 in abort () from /usr/lib/libc.so.6
#2  0x00007ffffffb2361 in osmo_panic_default (fmt=0x555555814e60 "Assert failed %s %s:%d\n", args=0x7fffffffc6e0)
at /libosmocore/src/panic.c:49
#3  0x00007ffffffb249d in osmo_panic (fmt=0x555555814e60 "Assert failed %s %s:%d\n")
at /libosmocore/src/panic.c:84
#4  0x000055555570fdf7 in trx_set_ts (ts=0x7ffff1e6bce8)
at /osmo-bts/src/osmo-bts-trx/l1_if.c:349
#5  0x00005555557133c1 in bts_model_chg_adm_state (bts=0x627000000160, mo=0x7ffff1e0f8a0, obj=0x7ffff1e0f860, adm_state=2 '002')
at /osmo-bts/src/osmo-bts-trx/l1_if.c:681
#6  0x0000555555769978 in oml_rx_chg_adm_state (bts=0x627000000160, msg=0x6330000003e0)
at /osmo-bts/src/osmo-bts-trx/l1_if.c:349
#7  0x000055555576a8d3 in down_form (bts=0x627000000160, msg=0x6330000003e0)
at /osmo-bts/src/osmo-bts-trx/l1_if.c:1129
#8  0x0000555555777ad0 in down_oml (bts=0x627000000160, msg=0x6330000003e0)
at /osmo-bts/src/osmo-bts-trx/l1_if.c:1476
#9  0x000055555578174 in sign_link_cb (msg=0x6330000003e0)
at /osmo-bts/src/osmo-bts-trx/l1_if.c:1488
#10 0x00007ffffffb9395 in raise () from /usr/lib/libc.so.6
```

03/09/2022
Related: OS#4920
Change-Id: ia3210e24b921f0c67f77068b7e4a65f270cd11

History

#1 - 12/21/2020 05:34 PM - lynxis
- File bvc_reset_too_many.pcapng added
- Status changed from Feedback to New

#2 - 01/16/2021 07:16 PM - daniel
- Status changed from New to Rejected

I guess we can reject this issue since it's related to the SNS fixes you pushed?

Looking at the trace again I can't see any issue/multiple BVC-RESETs being sent. The BVC-RESET is rejected by the gbproxy with a STATUS (because sns was broken in this version). TTCN3 simply ignores that and continues resetting the ptp-bvcs which are also (rightly this time) rejected.

If you disagree please reopen.

Files

bvc_reset_too_many.pcapng  7.36 KB  12/21/2020  lynxis