

OsmoGSMTester - Bug #2761

osmo-gsm-tester: add test case: Test 2nd trx is correctly used

12/15/2017 12:35 PM - pespin

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|---|-------------------------------|
| Status: Resolved | Start date: 12/15/2017 |
| Priority: Normal | Due date: |
| Assignee: dexter | % Done: 100% |
| Category: | |
| Target version: | |
| Spec Reference: | |
| Description | |
| <p>We may need to add a "supported_trx" config in resources.conf to specify how many TRX can a given BTS support. This way we can use scenarios to filter for a BTS which supports that number of TRX (but we cannot match for <=, need to think more about it). Alternatively, we can use one of the BTS that we now supports it, like ":octphy".</p> <p>To test that the 2nd trx is used correctly, we can use an already existing BSC/BTS VTY cmd called "channel allocator" which can have parameters "ascend" or "descend".</p> <p>One of those options changes the algo used to allocate channels to start from the latest one available, ie. last timeslot in the 2nd TRX.</p> <p>We can use that and place a voice call and make sure somehow that the 2nd TRX is being used (checking the log file?).</p> | |
| Related issues: | |
| Related to OsmoGSMTester - Feature #2760: osmo-gsm-tester: Add support for se... | Closed 12/15/2017 |
| Related to OsmoGSMTester - Bug #3560: nanoBTS multiTRX tests in osmo-gsm-test... | Stalled 09/17/2018 |

History

#1 - 12/15/2017 12:37 PM - pespin

- Related to Feature #2760: osmo-gsm-tester: Add support for several (osmo-)trx to OsmoBtsTrx added

#2 - 12/15/2017 02:06 PM - laforge

On Fri, Dec 15, 2017 at 12:35:49PM +0000, pespin [REDMINE] wrote:

We can use that and place a voice call and make sure somehow that the 2nd TRX is being used (checking the log file?).

The VTY would also show it, but that's of course also not very elegant.

#3 - 08/23/2018 04:17 PM - pespin

- Status changed from New to In Progress

- % Done changed from 0 to 50

Following patches have been submitted to test multiTRX with nanoBTS.

<https://gerrit.osmocom.org/#/c/osmo-gsm-tester/+10582> Add channel_allocator cfg attr to bts resources

remote: <https://gerrit.osmocom.org/#/c/osmo-gsm-tester/+10583> Add testsuite + scenarios to test nanoBTS multiTRX

Tests are passing but looking at the logs it seems only channels from first TRX are available when looking for a channel.

#4 - 09/17/2018 09:08 AM - pespin

- Status changed from In Progress to Feedback

- Assignee changed from pespin to dexter

Assigning to dexter since he was assigned a related ticket to fix second TRX not being used during channel allocation time when using a nanobts with MultiTRX.

Once it has been fixed and we see multitr tests in osmo-gsm-tester using the second TRX, we can close this ticket.

#5 - 09/17/2018 01:56 PM - laforge

pespin wrote:

Assigning to dexter since he was assigned a related ticket

which "related" ticket? And why is it not marked as related? The only ticket marked as "related" is [#2760](#) and that's not assigned to [dexter](#).

#6 - 09/17/2018 02:30 PM - laforge

- Related to Bug #3560: nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing added

#7 - 10/04/2018 02:47 PM - pespin

- Status changed from Feedback to Resolved

- % Done changed from 50 to 100

Closing, as we there's already a test checking multitrX support for nanoBTS and B200 with multi_arfcn.

Tickets exists which track status of bugs found while running the tests.