# libosmocore - Bug #4095

## osmo_get_rand_id() can fail under debian jessie

07/10/2019 11:19 AM - lynxis

| | | | | |
|---|---|---|---|---|
| **Status:** | Rejected | | **Start date:** | 07/10/2019 |
| **Priority:** | High | | **Due date:** | |
| **Assignee:** | lynxis | | **% Done:** | 0% |
| **Category:** | | | | |
| **Target version:** | | | | |
| **Spec Reference:** | | | | |

| **Description** |
|---|
| When using debian jessie together with libosmocore and osmo-msc, osmo-msc rejects location updates because of a failing osmo_get_rand_id().<br>I've used an APU to produce this bug<br><br>Please reproduce/test with debian jessie (as vm, not container, because the kernel version can have a part in this bug).<br>And ensure the fall-back is working |

## History

**#1 - 07/10/2019 11:20 AM - lynxis**

*- Checklist item [ ] reproduce/test with debian jessie  added*
*Checklist item [ ] ensure the fall-back is working added*

*- Description updated*

**#2 - 07/18/2019 05:50 AM - laforge**

*- Assignee set to osmith*

*- Priority changed from Normal to High*

**#3 - 12/01/2019 10:15 AM - laforge**

*- Assignee changed from osmith to roh*

roh, please try to reproduce this. If it can be reproduced, we can pass that reproducing setup to one of the developers to fix it, as needed.

**#4 - 12/10/2019 02:28 PM - roh**

not sure how to properly reproduce this:

i have tried:

- a kvm based jessie install
- built libosmocom from source like documented at https://osmocom.org/projects/libosmocore/wiki/Libosmocore
- tried utils/osmo-auc-gen which uses osmo_get_rand_id to get a random "rc = osmo_get_rand_id(_rand, 16);"

whats the expected failure mode? the syscall failing? or the gnutls call?

this looks fine to me:

```
roh@debian:~/OS4095/libosmocore$ utils/osmo-auc-gen -3 -a COMP128v2
osmo-auc-gen (C) 2011-2012 by Harald Welte
This is FREE SOFTWARE with ABSOLUTELY NO WARRANTY

RAND:    d9702f3518e38b014eda14e8f170d6e3
SRES:    a17ca8aa
Kc:    d31ddcb0c5679000
SQN:    0
IND:    0
```

**#5 - 01/17/2020 05:03 PM - roh**

*- Status changed from New to Feedback*

*- Assignee changed from roh to lynxis*

please submit more details how to reproduce - tnx

**#6 - 10/23/2020 05:39 PM - lynxis**

*- Status changed from Feedback to Rejected*

I don't have any jessie apu left.
I'll reject it.