

## OsmoHLR - Bug #4303

### various minor issues about evaluation of rc = db\_subscr\_get\_by\_\*

12/03/2019 10:56 PM - neels

<b>Status:</b> New	<b>Start date:</b> 12/03/2019
<b>Priority:</b> Low	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	
<b>Target version:</b>	
<b>Spec Reference:</b>	
<b>Description</b>	
vty function 'subscriber imsi IDENT create':	
We create the subscriber, and then db_subscr_get_by_imsi(), which might produce an error. It's unlikely since creating rc is evaluated just before that, but still. If the rc returns an error, we should echo that to the VTY user.	
<pre>rc = db_subscr_get_by_imsi(g_hlr-&gt;dbc, imsi, &amp;subscr); vty_out(vty, "%s Created subscriber %s", imsi, VTY_NEWLINE);  subscriber_dump_full_vty(vty, &amp;subscr);  return CMD_SUCCESS; }</pre>	

## History

### #1 - 12/03/2019 11:02 PM - neels

- Subject changed from hlr\_vty\_subscr.c: subscriber\_create\_cmd: evaluate rc of rc = db\_subscr\_get\_by\_imsi(g\_hlr->dbc, imsi, &subscr); to various minor issues about evaluation of rc = db\_subscr\_get\_by\_\*

also show error in subscriber\_msisdn\_cmd

```
if (db_subscr_get_by_msisdn(g_hlr->dbc, msisdn, &subscr) == 0)
    osmo_hlr_subscriber_update_notify(&subscr);
```

and these should probably just do 'if (rc)' not '< 0':

```
hlr_db_tool.c-325- if (rc < 0) {
```

```
hlr.c:412: if (db_subscr_get_by_imsi(g_hlr->dbc, gsup->imsi, &subscr) < 0) {
```

```
lu_fsm.c:138: if (db_subscr_get_by_imsi(g_hlr->dbc, update_location_req->gsup.imsi, &lu->subscr) < 0) {
```

maybe this could differentiate between -ENOENT and actual database errors:

```
mslookup_server.c-252- if (rc) {
mslookup_server.c-253-     LOGP(DMSLOOKUP, LOGL_DEBUG, "%s: does not exist in local HLR\n",
mslookup_server.c-254-         osmo_mslookup_result_name_c(OTC_SELECT, query, NULL));
mslookup_server.c-255-     return false;
mslookup_server.c-256- }
```