

OsmoHLR - Feature #2565

verify hex key sizes read from DB

10/10/2017 02:58 PM - neels

Status: Resolved	Start date: 10/10/2017
Priority: Normal	Due date:
Assignee: osmith	% Done: 100%
Category:	
Target version:	

Description

currently, osmo-hlr reads auth data from the DB as strings and uses `osmo_hexparse()` without verifying the resulting size. Write a test suite and make sure wrong key sizes are complained about and error handling is in place.

Note that there is a code snippet #if'd out in `db_auc.c`:

```
        aud2g->algo = sqlite3_column_int(stmt, 1);
        ki = sqlite3_column_text(stmt, 2);
#ifdef 0
        if (sqlite3_column_bytes(stmt, 2) != sizeof(aud2g->u.gsm.ki)) {
            LOGAUC(imsi, LOGL_ERROR, "Error reading Ki: %d\n", rc);
            goto end_2g;
        }
#endif
```

History

#1 - 07/18/2019 06:15 AM - laforge

- Assignee set to osmith

#2 - 07/25/2019 06:50 AM - osmith

- Status changed from New to In Progress

#3 - 07/25/2019 10:40 AM - osmith

- % Done changed from 0 to 90

Patch submitted:

<https://gerrit.osmocom.org/q/topic:verify-hex-key-size>

#4 - 07/29/2019 08:06 AM - osmith

- Status changed from In Progress to Resolved

- % Done changed from 90 to 100