

## OsmoHLR - Feature #3019

### add config for number of auth tuples returned

03/01/2018 12:32 PM - neels

<b>Status:</b>	New	<b>Start date:</b>	03/01/2018
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>			
<b>Target version:</b>			
<b>Description</b>			
by default osmo-hlr returns 5 auth tuples to any client requesting tuples (MSC, SGSN). Allow configuring the number of tuples returned.			
Rationale: the nr of tuples cached by the MSC / SGSN are a tuning detail allowing a tradeoff between HLR DB traffic and quick turnaround of the cached data in the MSC / SGSN.			

### History

#### #1 - 03/01/2018 12:35 PM - neels

Related thought: should the HLR notify the connected clients of change in subscriber data?  
i.e. entering a new Ki causes some GSUP message sent from the HLR to clear the auth cache?

#### #2 - 03/01/2018 01:20 PM - laforge

Hi Neels,

On Thu, Mar 01, 2018 at 12:35:07PM +0000, neels [REDMINE] wrote:

Related thought: should the HLR notify the connected clients of change in subscriber data?

of course. This has always been the case in GSM, and I actually assumed we would be doing this until I witnessed the issues at 34C3, where no InsertSubscriberData was performed when the MSISDN is changed in the HLR.

There's a related task, [#2785](#), assigned to you two months ago, very recently re-assigned to stsp. So you should know about this :)

i.e. entering a new Ki causes some GSUP message sent from the HLR to clear the auth cache?

Key data is not supposed to change and is not part of "Subscriber Data" stored in the HLR as per 3GPP specs. So there is no procedure in 3GPP which covers that situation. I also don't think it's worth for us spending time on desinging a non-standard mechanism for it.

**#3 - 06/23/2018 06:58 PM - laforge**  
*- Priority changed from Normal to Low*