OsmoMSC - Feature #1974

VLR: high water mark on subscriber storage

03/08/2017 02:54 PM - neels

Status:	New	**Start date:**	03/08/2017
Priority:	Normal	**Due date:**	
Assignee:	Osmocom Developers	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
Resolution:			

Description

In libvlr, we (will) keep every subscriber in RAM as long as it still has valid auth tuples (3GPP TS 33.102 Annex C.2.3).
Most subscribers will still have auth tuples left upon detaching, so we would store **all** subscribers.

Implement a configurable way of limiting the number of subscribers kept in RAM, e.g. a fixed max size.
If this is reached, discard those subscribers that have been inactive for the longest time first.

Related issues:

Related to OsmoMSC - Feature #1973: VLR: efficient subscriber lookup	**New**	**03/08/2017**

History

#1 - 03/13/2017 12:18 AM - neels

- Related to Feature #1973: VLR: efficient subscriber lookup added

#2 - 07/21/2017 11:44 AM - neels

Before the VLR, there were VTY commands to mark a subscriber to be kept in ram, i.e. to not drop it from in-ram structures because we no longer use it, in order to allow continuously querying it from the vty. When we implement subscriber removal, we may also need such mechanisms again.

#3 - 12/10/2017 07:58 PM - laforge

- Project changed from OpenBSC to OsmoMSC