

OsmoSGSN - Bug #1768

VTY show llc displays State TLLI Unassigned permanently

07/07/2016 11:48 AM - dexter

Status: Stalled	Start date: 07/07/2016
Priority: Low	Due date:
Assignee: lynxis	% Done: 0%
Category:	
Target version:	
Spec Reference:	
Description	
Expecting at least some assigned TLLI states in in SAPI list on globally Assigned TLLI state.	
TLLI e625e4fb (Old TLLI ffffffff) BVCI=2 NSEI=101 Age=0: State TLLI Assigned	
SAPI 1 State TLLI Unassigned (1) VUsend=4, VUrecv=5 Vsent=0 Vack=0 Vrecv=0, RetransCtr=0 T200=5, N200=3, N201-U=400, N201-I=0, mD=0, mU=0, kD=0, kU=0	
SAPI 2 State TLLI Unassigned (1) VUsend=0, VUrecv=0 Vsent=0 Vack=0 Vrecv=0, RetransCtr=0 T200=5, N200=3, N201-U=270, N201-I=0, mD=0, mU=0, kD=0, kU=0	
SAPI 3 State TLLI Unassigned (1) VUsend=91, VUrecv=64 Vsent=0 Vack=0 Vrecv=0, RetransCtr=0 T200=5, N200=3, N201-U=500, N201-I=1503, mD=1520, mU=1520, kD=16, kU=16	
SAPI 5 State TLLI Unassigned (1) VUsend=0, VUrecv=0 Vsent=0 Vack=0 Vrecv=0, RetransCtr=0 T200=10, N200=3, N201-U=500, N201-I=1503, mD=760, mU=760, kD=8, kU=8	
SAPI 7 State TLLI Unassigned (1) VUsend=0, VUrecv=0 Vsent=0 Vack=0 Vrecv=0, RetransCtr=0 T200=20, N200=3, N201-U=270, N201-I=0, mD=0, mU=0, kD=0, kU=0	
SAPI 8 State TLLI Unassigned (1) VUsend=0, VUrecv=0 Vsent=0 Vack=0 Vrecv=0, RetransCtr=0 T200=20, N200=3, N201-U=270, N201-I=0, mD=0, mU=0, kD=0, kU=0	
SAPI 9 State TLLI Unassigned (1) VUsend=0, VUrecv=0 Vsent=0 Vack=0 Vrecv=0, RetransCtr=0 T200=20, N200=3, N201-U=500, N201-I=1503, mD=380, mU=380, kD=4, kU=4	
SAPI 11 State TLLI Unassigned (1) VUsend=0, VUrecv=0 Vsent=0 Vack=0 Vrecv=0, RetransCtr=0 T200=40, N200=3, N201-U=500, N201-I=1503, mD=190, mU=190, kD=2, kU=2	
Already checked if the <code>get_value_string(gprs_llc_state_strs, lle->state)</code> returns the right string. Seems to work, numerical state is always 1 as well.	

History

#1 - 08/01/2016 12:28 PM - laforge

- Assignee set to dexter

#2 - 10/07/2016 09:39 AM - dexter

Investigated a little bit further on this. By our implementation, `lle->state` in fact never changes.

`gprs_llc_hdr_rx()` in `gprs_llc.c` is responsible to handle the state changes. However, all cases where `lle->state` seem to occur never. Holger told me that in case `GPRS_LL_C_UI` `lle->state` should be changed but we omit that. This is a bit of spec violation but according to Holger not really a problem.

#3 - 10/10/2016 01:17 PM - dexter

- Status changed from New to Stalled

#4 - 10/11/2016 08:54 AM - laforge

On Fri, Oct 07, 2016 at 09:39:19AM +0000, dexter [REDMINE] wrote:

Investigated a little bit further on this. By our implementation, `lle->state` in fact never changes.

`gprs_llc_hdr_rx()` in `gprs_llc.c` is responsible to handle the state changes. However, all cases where `lle->state` seem to occur never. Holger told me that in case `GPRS_LL_C_UI` `lle->state` should be changed but we omit that. This is a bit of spec violation but according to Holger not really a problem.

Still, it seems to be confusing to print a state that is not correct.
So if you already analyzed the problem and the code to this point, how
much time would you think is required to fix it?

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- Harald Welte <laforge@gnumonks.org> <http://laforge.gnumonks.org/>

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"Privacy in residential applications is a desirable marketing option."
(ETSI EN 300 175-7 Ch. A6)

#5 - 04/15/2019 07:32 AM - laforge

- Assignee changed from dexter to lynxis