OsmoSTP - Bug #4232
OsmoSTP re-orders M3UA fields of routed messages
10/18/2019 06:30 PM - laforge

Status: Rejected
Priority: Normal
Assignee: laforge
Category: 
Target version: 
Spec Reference: 

Description
When a M3UA DATA message with correct order of information elements (routing context, protocol data) is routed by OsmoSTP, the output message is re-ordered: (protocol data, routing context).

The reason for this is that the new routing context is added "after the fact" during the m3ua_tx_xua_as() function.... and it's added at the end of the list of IEs as xua_msg_add_u32() is using xua_msg_add_data() which in turn uses llist_add_tail().

History
#1 - 10/18/2019 06:30 PM - laforge
- Status changed from New to In Progress

#2 - 10/18/2019 06:35 PM - laforge
- Status changed from In Progress to Rejected

Actually, this is a non-issue. RFC4666 states:

Where more than one parameter is included in a message, the parameters may be in any order, except where explicitly mandated. A receiver SHOULD accept the parameters in any order.