

List of Fixed Bugs in SIP Toolkit v3.0.3.9

The following issues have been fixed or added in version 3.0.3.9 since version 2.2.3.6. Each item provides a classification, fix description, list of files modified in fixing the problem, and the scope of the fix (the party interested in this fix).

No.	Classification	Bug Description	Files Changed	Scope
6	BUG	Invite should be transmitted 7 times. After the 7th transmission, the transaction timer was set to $2^7 * T1$ instead of $T1$. This was fixed.	TransactionTimer.c	Everyone
5	BUG	VxWork timers rollover problem fixed: In VxWorks systems, time is calculated in milliseconds, based on reading of system ticks value. The conversion requires division by $nTicksPerSec * 1000$, which means that even though the ticks have not yet reached the limit, the milliseconds may have reached that limit. The Stack did not handle the situation where the timers reached their limit.	unix\TIMER_API.c	VxWorks users
4	BUG	Multihomed problem when working with TCP. The message was not always sent from the specified local address. This was fixed.	unix\LI_API.c	Multihomed applications
3	BUG	Replaces: It was impossible to find the replaces matched call-leg after the call-leg already sent a 1xx response. This was fixed.	CallLegRefer.c	Applications that support REFER
2	STANDARD	When REFER was received, the CallLegMgrDoesReferCallLegExist() function verified that we do not have a call-leg with the following key: Call-ID - taken from the REFER request, To header taken from the Refer-To header and From header taken from the Contact header of the REFER request. If such a call-leg existed we rejected the REFER request. Since, according to the new REFER RFC, an INVITE resulting from REFER should now have a new Call-ID, this function was removed and is no longer called.	CallLegMgrObject.c, CallLegMgrObject.h, CallLegRefer.c	Applications that support REFER
1	FEATURE	The ability to get the received message from the call-leg created callback was added.	_SipCallLegMgr.c	



STANDARD	SIP definition corrected
BUG	Bug fix in the code or the test application
CRASH	Crash occurred because of this bug
RESOURCE	Resource of the SIP Stack leaked
PACKAGE	Bug was in the way the package was archived or supplied
FEATURE	Added feature to the version that wasn't included previously
