

List of Fixed Bugs in SIP Toolkit v3.0.4.0

The following issues have been fixed or added in version 3.0.4.0 since version 3.0.3.9. 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
10	BUG	Accumulating TCP messages—this problem occurred when a TCP message was received in two separate packets. The first packet contained all header fields and the CR of the last header, and the second packet contained the rest of the message starting with LFCRLF. In this case, the message was not accumulated correctly. This was fixed.	TransportMsgBuilder.c	Everyone
9	BUG	A timer was not set after a failure in UDP retransmission occurred, and therefore the transaction object never terminated. Now, a timer is set to the next retransmission interval, even if the retransmission fails.	TransactionTransport.c	Everyone
8	BUG	When a transaction used a TLS transport and the connection broke for some reason, the SIP Stack did not perform post connection assertion on the new connection established for retransmissions. This was fixed.	TransactionObject.c, TransactionObject.h, TransactionTransport.c	TLS applications
7	BUG	An Unlock was missing in the RvSipTransactionGetCurrentLocalAddress() function in case of error. This Unlock was added.	RvSipTransaction.c	Everyone
6	BUG	The parser failed to handle bad syntax messages of the following types: Supported, Unsupported, Require, Proxy-Require. This was fixed.	ParserExpress.h ParserExpress2.h ParserProcess.c	Everyone
5	BUG	If the SIP Stack was configured with several transport types (UDP/TCP/TLS) and several net types (IPv6/IPv4), the SIP Stack skipped the IPv6 records returned from the DNS on some DNS configurations. This was fixed.	unix/LI_DNS_API.c, windows/LI_DNS_API.c	Everyone
4	BUG	PRACK—when there was a timeout on PRACK inside an initial invite, the Modify state machine reported the IDLE state by mistake. This was fixed.	CallLegTranscEv.c	Applications that use the Prack feature

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3	BUG	Refer—when sending an outgoing INVITE that resulted from an incoming REFER, the SIP Stack did not remove the port method and lr parameter from the To and From headers of the new call-leg. These parameters are not allowed in the To and From headers and are now being removed.	CallLegRefer.c	Applications that use the Refer feature
2	FEATURE	The ability to handle SDP messages with various syntax errors was added to the SDP Stack. (For more information, see the RADVISION SDP Programmer and Reference Guide).	most files under sdp/ sdpparser	Everyone
1	FEATURE	Porting version 3.0 to PSOS, Nucleus and Wince—most of the files under the core/Unix and core/common directory were changed. Since each OS has its own compilation flag, the porting does not affect other OSs, such as Solaris and Linux.	most files under core/ unix, most files under core/common	Embedded users

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