

Asterisk Project Security Advisory - AST-2014-008

Product	Asterisk
Summary	Denial of Service in PJSIP Channel Driver Subscriptions
Nature of Advisory	Denial of Service
Susceptibility	Remote authenticated sessions
Severity	Moderate
Exploits Known	No
Reported On	28 May, 2014
Reported By	Mark Michelson
Posted On	June 12, 2014
Last Updated On	June 12, 2014
Advisory Contact	Mark Michelson <mmichelson AT digium DOT com>
CVE Name	CVE-2014-4048

Description	<p>When a SIP transaction timeout caused a subscription to be terminated, the action taken by Asterisk was guaranteed to deadlock the thread on which SIP requests are serviced.</p> <p>Note that this behavior could only happen on established subscriptions, meaning that this could only be exploited if an attacker bypassed authentication and successfully subscribed to a real resource on the Asterisk server.</p>
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Resolution	The socket-servicing thread is now no longer capable of dispatching synchronous tasks to other threads since that may result in deadlocks.
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Affected Versions		
Product	Release Series	
Asterisk Open Source	12.x	All versions

Corrected In	
Product	Release
Asterisk Open Source	12.3.1

Patches

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SVN URL	Revision
http://downloads.asterisk.org/pub/security/AST-2014-008-12.diff	Asterisk 12

Links	https://issues.asterisk.org/jira/browse/ASTERISK-23802
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Revision History		
Date	Editor	Revisions Made
June 6, 2014	Mark Michelson	Document Creation
June 12, 2014	Matt Jordan	Added CVE

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