

Asterisk Project Security Advisory - AST-2014-005

<b>Product</b>	Asterisk
<b>Summary</b>	Remote Crash in PJSIP Channel Driver's Publish/Subscribe Framework
<b>Nature of Advisory</b>	Denial of Service
<b>Susceptibility</b>	Remote Unauthenticated Sessions
<b>Severity</b>	Moderate
<b>Exploits Known</b>	No
<b>Reported On</b>	March 17, 2014
<b>Reported By</b>	John Bigelow <jbigelow AT digium DOT com>
<b>Posted On</b>	June 12, 2014
<b>Last Updated On</b>	June 12, 2014
<b>Advisory Contact</b>	Kevin Harwell <kharwell AT digium DOT com>
<b>CVE Name</b>	CVE-2014-4045

<b>Description</b>	A remotely exploitable crash vulnerability exists in the PJSIP channel driver's pub/sub framework. If an attempt is made to unsubscribe when not currently subscribed and the endpoint's "sub_min_expiry" is set to zero, Asterisk tries to create an expiration timer with zero seconds, which is not allowed, so an assertion raised.
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<b>Resolution</b>	Upgrade to a version with the patch integrated, apply the patch, or make sure the "sub_min_expiry" endpoint configuration option is greater than zero.
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<b>Affected Versions</b>		
<b>Product</b>	<b>Release Series</b>	
Asterisk Open Source	12.x	All

<b>Corrected In</b>	
<b>Product</b>	<b>Release</b>
Asterisk Open Source 12.x	12.3.1

<b>Patches</b>	
<b>SVN URL</b>	<b>Revision</b>

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<a href="http://downloads.asterisk.org/pub/security/AST-2014-005-12.diff">http://downloads.asterisk.org/pub/security/AST-2014-005-12.diff</a>	Asterisk 12
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<b>Links</b>	<a href="https://issues.asterisk.org/jira/browse/ASTERISK-23489">https://issues.asterisk.org/jira/browse/ASTERISK-23489</a>
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Asterisk Project Security Advisories are posted at <http://www.asterisk.org/security>  
This document may be superseded by later versions; if so, the latest version will be posted at <http://downloads.digium.com/pub/security/AST-2014-005.pdf> and <http://downloads.digium.com/pub/security/AST-2014-005.html>

Revision History		
Date	Editor	Revisions Made
April 14, 2014	Kevin Harwell	Document Creation
June 12, 2014	Matt Jordan	Added CVE