

## Asterisk Project Security Advisory - AST-2018-002

<b>Product</b>	Asterisk
<b>Summary</b>	Crash when given an invalid SDP media format description
<b>Nature of Advisory</b>	Remote crash
<b>Susceptibility</b>	Remote Authenticated Sessions
<b>Severity</b>	Minor
<b>Exploits Known</b>	No
<b>Reported On</b>	January 15, 2018
<b>Reported By</b>	Sandro Gauci
<b>Posted On</b>	February 21, 2018
<b>Last Updated On</b>	March 8, 2018
<b>Advisory Contact</b>	Kevin Harwell <kharwell AT diguim DOT com>
<b>CVE Name</b>	CVE-2018-1000098

<b>Description</b>	<p>By crafting an SDP message with an invalid media format description Asterisk crashes when using the pjsip channel driver because pjproject's sdp parsing algorithm fails to catch the invalid media format description.</p> <p>The severity of this vulnerability is lessened since an endpoint must be authenticated prior to reaching the crash point, or it's configured with no authentication.</p>
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<b>Resolution</b>	Stricter validation is now done when pjproject parses an SDP's media format description. Invalid values are now properly handled.
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<b>Affected Versions</b>		
<b>Product</b>	<b>Release Series</b>	
Asterisk Open Source	13.x	All Releases
Asterisk Open Source	14.x	All Releases
Asterisk Open Source	15.x	All Releases
Certified Asterisk	13.18	All Releases

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<b>Corrected In</b>	
<b>Product</b>	<b>Release</b>
Asterisk Open Source	13.19.2, 14.7.6, 15.2.2
Certified Asterisk	13.18-cert3

<b>Patches</b>	
<b>SVN URL</b>	<b>Revision</b>
<a href="http://downloads.asterisk.org/pub/security/AST-2018-002-13.diff">http://downloads.asterisk.org/pub/security/AST-2018-002-13.diff</a>	Asterisk 13
<a href="http://downloads.asterisk.org/pub/security/AST-2018-002-14.diff">http://downloads.asterisk.org/pub/security/AST-2018-002-14.diff</a>	Asterisk 14
<a href="http://downloads.asterisk.org/pub/security/AST-2018-002-15.diff">http://downloads.asterisk.org/pub/security/AST-2018-002-15.diff</a>	Asterisk 15
<a href="http://downloads.asterisk.org/pub/security/AST-2018-002-13.18.diff">http://downloads.asterisk.org/pub/security/AST-2018-002-13.18.diff</a>	Certified Asterisk 13.18

<b>Links</b>	<a href="https://issues.asterisk.org/jira/browse/ASTERISK-27582">https://issues.asterisk.org/jira/browse/ASTERISK-27582</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-2018-002.pdf> and <http://downloads.digium.com/pub/security/AST-2018-002.html>

<b>Revision History</b>		
<b>Date</b>	<b>Editor</b>	<b>Revisions Made</b>
January 30, 2018	Kevin Harwell	Initial Revision
March 08, 2018	Kevin Harwell	Added CVE

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