

Asterisk Project Security Advisory - AST-2012-010

Product	Asterisk
Summary	Possible resource leak on uncompleted re-invite transactions
Nature of Advisory	Denial of Service
Susceptibility	Remote authenticated sessions
Severity	Minor
Exploits Known	No
Reported On	June 13, 2012
Reported By	Steve Davies
Posted On	July 5, 2012
Last Updated On	July 6, 2012
Advisory Contact	Terry Wilson <twilson@digium.com>
CVE Name	CVE-2012-3863

Description	If Asterisk sends a re-invite and an endpoint responds to the re-invite with a provisional response but never sends a final response, then the SIP dialog structure is never freed and the RTP ports for the call are never released. If an attacker has the ability to place a call, they could create a denial of service by using all available RTP ports.
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Resolution	A re-invite that receives a provisional response without a final response is detected and properly cleaned up at hangup.
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Affected Versions		
Product	Release Series	
Asterisk Open Source	1.8.x	All versions
Asterisk Open Source	10.x	All versions
Asterisk Business Edition	C.3.x	All versions
Certified Asterisk	1.8.11-certx	All versions
Asterisk Digiumphones	10.x.x-digiumphones	All versions

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Corrected In	
Product	Release
Asterisk Open Source	1.8.13.1, 10.5.2
Asterisk Business Edition	C.3.7.5
Certified Asterisk	1.8.11-cert4
Asterisk Digiumphones	10.5.2-digiumphones

Patches	
URL	Revision
http://downloads.asterisk.org/pub/security/AST-2012-010-1.8.diff	Asterisk 1.8
http://downloads.asterisk.org/pub/security/AST-2012-010-10.diff	Asterisk 10

Links	https://issues.asterisk.org/jira/browse/ASTERISK-19992
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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This document may be superseded by later versions; if so, the latest version will be posted at 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-2012-010.pdf> and <http://downloads.digium.com/pub/security/AST-2012-010.html>

Revision History		
Date	Editor	Revisions Made
06/27/2012	Terry Wilson	Initial Release
07/06/2012	Matt Jordan	Added CVE

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