

Asterisk Project Security Advisory -

Product	Asterisk
Summary	Re-invite with T.38 and malformed SDP causes crash.
Nature of Advisory	Remote Crash
Susceptibility	Remote Authenticated Sessions
Severity	Minor
Exploits Known	No
Reported On	November 07, 2019
Reported By	Salah Ahmed
Posted On	November 21, 2019
Last Updated On	November 21, 2019
Advisory Contact	bford AT sangoma DOT com
CVE Name	CVE-2019-18976

Description	If Asterisk receives a re-invite initiating T.38 faxing and has a port of 0 and no c line in the SDP, a crash will occur.
Modules Affected	res_pjsip_t38.c

Resolution	<p>If T.38 faxing is not needed, then the "t38_udptl" configuration option in pjsip.conf can be set to "no" to disable the functionality. This option automatically defaults to "no" and would have to be manually turned on to experience this crash.</p> <p>If T.38 faxing is needed, then Asterisk should be upgraded to a fixed version.</p>
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Affected Versions		
Product	Release Series	
Asterisk Open Source	13.x	All versions
Certified Asterisk	13.21	All versions

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Corrected In	
Product	Release
Asterisk Open Source	13.29.2
Certified Asterisk	13.21-cert5

Patches	
SVN URL	Revision
http://downloads.asterisk.org/pub/security/AST-2019-008-13.diff	Asterisk 13
http://downloads.asterisk.org/pub/security/AST-2019-008-13.21.diff	Certified Asterisk 13.21-cert5

Links	https://issues.asterisk.org/jira/browse/ASTERISK-28612
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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 This document may be superseded by later versions; if so, the latest version will be posted at 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/.pdf> and <http://downloads.digium.com/pub/security/.html>

Revision History		
Date	Editor	Revisions Made
November 12, 2019	Ben Ford	Initial Revision
November 21, 2019	Ben Ford	Added "Posted On" date

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