

Asterisk Project Security Advisory - AST-2019-004

Product	Asterisk
Summary	Crash when negotiating for T.38 with a declined stream
Nature of Advisory	Remote Crash
Susceptibility	Remote Authenticated Sessions
Severity	Minor
Exploits Known	No
Reported On	August 05, 2019
Reported By	Alexei Gradinari
Posted On	September 05, 2019
Last Updated On	September 4, 2019
Advisory Contact	kharwell AT sangoma DOT com
CVE Name	CVE-2019-15297

Description	When Asterisk sends a re-invite initiating T.38 faxing, and the endpoint responds with a declined media stream a crash will then occur in Asterisk.
Modules Affected	res_pjsip_t38.c

Resolution	<p>If T.38 faxing is not required then setting the “t38_udptl” configuration option on the endpoint to “no” disables this functionality. This option defaults to “no” so you have to have explicitly set it “yes” to potentially be affected by this issue.</p> <p>Otherwise, if T.38 faxing is required then Asterisk should be upgraded to a fixed version.</p>
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Affected Versions		
Product	Release Series	
Asterisk Open Source	15.x	All releases
Asterisk Open Source	16.x	All releases

Corrected In	
Product	Release
Asterisk Open Source	15.7.4,16.5.1

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Patches	
SVN URL	Revision
http://downloads.asterisk.org/pub/security/AST-2019-004-15.diff	Asterisk 15
http://downloads.asterisk.org/pub/security/AST-2019-004-16.diff	Asterisk 16

Links	https://issues.asterisk.org/jira/browse/ASTERISK-28495
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This document may be superseded by later versions; if so, the latest version will be posted at <http://downloads.digium.com/pub/security/AST-2019-004.pdf> and <http://downloads.digium.com/pub/security/AST-2019-004.html>

Revision History		
Date	Editor	Revisions Made
August 28, 2019	Kevin Harwell	Initial revision

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