

Asterisk Project Security Advisory - AST-2017-011

Product	Asterisk
Summary	Memory/File Descriptor/RTP leak in pjsip session resource
Nature of Advisory	Memory/File Descriptor/RTP Port leak
Susceptibility	Remote Sessions
Severity	Minor
Exploits Known	No
Reported On	October 15, 2017
Reported By	Correy Farrell
Posted On	
Last Updated On	November 10, 2017
Advisory Contact	kharwell AT digium DOT com
CVE Name	CVE-2017-16672

Description	A memory leak occurs when an Asterisk pjsip session object is created and that call gets rejected before the session itself is fully established. When this happens the session object never gets destroyed. This then leads to file descriptors and RTP ports being leaked as well.
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Resolution	Asterisk now releases the session object, and all associated memory (file descriptors and RTP ports) when a call gets rejected.
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Affected Versions		
Product	Release Series	
Asterisk Open Source	13.x	13.5.0+
Asterisk Open Source	14.x	All Releases
Asterisk Open Source	15.x	All Releases
Certified Asterisk	13.13	All Releases

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Corrected In	
Product	Release
Asterisk Open Source	13.18.1, 14.7.1, 15.1.1
Certified Asterisk	13.13-cert7

Patches	
SVN URL	Revision
http://downloads.asterisk.org/pub/security/AST-2017-011-13.diff	Asterisk 13
http://downloads.asterisk.org/pub/security/AST-2017-011-14.diff	Asterisk 14
http://downloads.asterisk.org/pub/security/AST-2017-011-15.diff	Asterisk 15
http://downloads.asterisk.org/pub/security/AST-2017-011-13.13.diff	Certified Asterisk 13.13

Links	https://issues.asterisk.org/jira/browse/ASTERISK-27345 http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-16672
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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 This document may be superseded by later versions; if so, the latest version will be posted at 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-2017-011.pdf> and <http://downloads.digium.com/pub/security/AST-2017-011.html>

Revision History		
Date	Editor	Revisions Made
October 19, 2017	Kevin Harwell	Initial Revision
November 8, 2017	Kevin Harwell	Updated to mention about FDs and RTP ports being leaked as well.

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