

Asterisk Project Security Advisory - AST-2021-004

Product	Asterisk
Summary	An unsuspecting user could crash Asterisk with multiple hold/unhold requests
Nature of Advisory	Denial of Service
Susceptibility	Remote authenticated sessions
Severity	Moderate
Exploits Known	No
Reported On	December 9, 2020
Reported By	Edvin Vidmar
Posted On	
Last Updated On	February 19, 2021
Advisory Contact	gjoseph AT sangoma DOT com
CVE Name	CVE-2021-26713

Description	Due to a signedness comparison mismatch, an authenticated WebRTC client could cause a stack overflow and Asterisk crash by sending multiple hold/unhold requests in quick succession.
Modules Affected	res_rtp_asterisk.c

Resolution	The packet size comparison terms have been corrected.
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Affected Versions		
Product	Release Series	
Asterisk Open Source	16.x	16.16.0
Asterisk Open Source	17.x	17.9.1
Asterisk Open Source	18.x	18.2.0
Certified Asterisk	16.x	16.8-cert5

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Corrected In	
Product	Release
Asterisk Open Source	16.16.1, 17.9.2, 18.2.1
Certified Asterisk	16.8-cert6

Patches	
Patch URL	Revision
https://downloads.asterisk.org/pub/security/AST-2021-004-16.diff	16.6.1
https://downloads.asterisk.org/pub/security/AST-2021-004-17.diff	17.9.2
https://downloads.asterisk.org/pub/security/AST-2021-004-18.diff	18.2.1
https://downloads.asterisk.org/pub/security/AST-2021-004-16.8.diff	Certified Asterisk 16.8-cert6

Links	https://issues.asterisk.org/jira/browse/ASTERISK-29205 https://downloads.asterisk.org/pub/security/AST-2021-004.html
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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This document may be superseded by later versions; if so, the latest version will be posted at <https://downloads.digium.com/pub/security/AST-2021-004.pdf> and <https://downloads.digium.com/pub/security/AST-2021-004.html>

Revision History		
Date	Editor	Revisions Made
February 4, 2021	George Joseph	Initial revision
February 9, 2021	George Joseph	Added CVE

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