

Asterisk Project Security Advisory - AST-2021-003

Product	Asterisk
Summary	Remote attacker could prematurely tear down SRTP calls
Nature of Advisory	Denial of Service
Susceptibility	Remote unauthenticated sessions
Severity	Moderate
Exploits Known	No
Reported On	January 22, 2021
Reported By	Alexander Traud
Posted On	
Last Updated On	February 18, 2021
Advisory Contact	gjoseph AT sangoma DOT com
CVE Name	CVE-2021-26712

Description	An unauthenticated remote attacker could replay SRTP packets which could cause an Asterisk instance configured without strict RTP validation to tear down calls prematurely.
Modules Affected	res_srtp.c res_rtp_asterisk.c

Resolution	Asterisk now implements SRTP replay protection via a "srtpreplayprotection" option in rtp.conf. The default is "yes"
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Affected Versions		
Product	Release Series	
Asterisk Open Source	13.x	13.38.1
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	13.38.2, 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-2021-003-13.diff	13.38.2
https://downloads.asterisk.org/pub/security/AST-2021-003-16.diff	16.16.1
https://downloads.asterisk.org/pub/security/AST-2021-003-17.diff	17.9.2
https://downloads.asterisk.org/pub/security/AST-2021-003-18.diff	18.2.1
https://downloads.asterisk.org/pub/security/AST-2021-003-16.8.diff	Certified Asterisk 16.8-cert6

Links	https://issues.asterisk.org/jira/browse/ASTERISK-29260 https://downloads.asterisk.org/pub/security/AST-2021-003.html
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 This document may be superseded by later versions; if so, the latest version will be posted at <https://downloads.digium.com/pub/security/AST-2021-003.pdf> and <https://downloads.digium.com/pub/security/AST-2021-003.html>

Revision History		
Date	Editor	Revisions Made
February 4, 2021	George Joseph	Initial

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February 5, 2021	George Joseph	Added CVE ID
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