Product	Asterisk
Summary	Infinite loop when reading iostreams
Nature of Advisory	Denial of Service
Susceptibility	Remote Authenticated Sessions
Severity	Critical
Exploits Known	No
Reported On	April 16, 2018
Reported By	Sean Bright
Posted On	June 11, 2018
Last Updated On	June 12, 2018
Advisory Contact	Kevin Harwell <kharwell AT digium DOT com>
CVE Name	CVE-2018-12228

Description	When connected to Asterisk via TCP/TLS if the client abruptly disconnects, or sends a specially crafted message then Asterisk gets caught in an infinite loop while trying to read the data stream. Thus rendering the system as unusable.

Resolution	Stricter error checking is now done when iostreams encounters a problem. When an error occurs during reading it is now properly handled, and continued reading is appropriately stopped.

Affected Versions		
Product	**Release Series**	
Asterisk Open Source	15.x	All Releases

Corrected In	
Product	**Release**
Asterisk Open Source	15.4.1

Patches	
SVN URL	**Revision**
http://downloads.asterisk.org/pub/security/AST-2018-007-15.diff	Asterisk 15

Links	https://issues.asterisk.org/jira/browse/ASTERISK-27807

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This document may be superseded by later versions; if so, the latest version will be posted at http://downloads.digium.com/pub/security/AST-2018-007.pdf and http://downloads.digium.com/pub/security/AST-2018-007.html

Revision History		
Date	**Editor**	**Revisions Made**
April 25, 2018	Kevin Harwell	Initial Revision
June 12, 2018	Kevin Harwell	Added CVE