

## Asterisk Project Security Advisory - AST-2018-009

<b>Product</b>	Asterisk
<b>Summary</b>	Remote crash vulnerability in HTTP websocket upgrade
<b>Nature of Advisory</b>	Denial Of Service
<b>Susceptibility</b>	Remote Unauthenticated Sessions
<b>Severity</b>	Moderate
<b>Exploits Known</b>	No
<b>Reported On</b>	August 16, 2018
<b>Reported By</b>	Sean Bright
<b>Posted On</b>	
<b>Last Updated On</b>	September 20, 2018
<b>Advisory Contact</b>	Rmudgett AT digium DOT com
<b>CVE Name</b>	CVE-2018-17281

<b>Description</b>	There is a stack overflow vulnerability in the res_http_websocket.so module of Asterisk that allows an attacker to crash Asterisk via a specially crafted HTTP request to upgrade the connection to a websocket. The attacker's request causes Asterisk to run out of stack space and crash.
--------------------	--

<b>Resolution</b>	Disable HTTP websocket access by not loading the res_http_websocket.so module or upgrade Asterisk to a fixed version.
-------------------	---

<b>Affected Versions</b>		
<b>Product</b>	<b>Release Series</b>	
Asterisk Open Source	13.x	All releases
Asterisk Open Source	14.x	All releases
Asterisk Open Source	15.x	All releases
Certified Asterisk	13.21	All releases

## Asterisk Project Security Advisory - AST-2018-009

Copyright © 2018 Digium, Inc. All Rights Reserved.

Permission is hereby granted to distribute and publish this advisory in its original, unaltered form.

## Asterisk Project Security Advisory - AST-2018-009

<b>Corrected In</b>	
<b>Product</b>	<b>Release</b>
Asterisk Open Source	13.23.1, 14.7.8, 15.6.1
Certified Asterisk	13.21-cert3

<b>Patches</b>	
<b>SVN URL</b>	<b>Revision</b>
<a href="http://downloads.asterisk.org/pub/security/AST-2018-009-13.diff">http://downloads.asterisk.org/pub/security/AST-2018-009-13.diff</a>	Asterisk 13
<a href="http://downloads.asterisk.org/pub/security/AST-2018-009-14.diff">http://downloads.asterisk.org/pub/security/AST-2018-009-14.diff</a>	Asterisk 14
<a href="http://downloads.asterisk.org/pub/security/AST-2018-009-15.diff">http://downloads.asterisk.org/pub/security/AST-2018-009-15.diff</a>	Asterisk 15
<a href="http://downloads.asterisk.org/pub/security/AST-2018-009-13.21.diff">http://downloads.asterisk.org/pub/security/AST-2018-009-13.21.diff</a>	Certified Asterisk 13.21

<b>Links</b>	<a href="https://issues.asterisk.org/jira/browse/ASTERISK-28013">https://issues.asterisk.org/jira/browse/ASTERISK-28013</a>
--------------	---

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-2018-009.pdf> and <http://downloads.digium.com/pub/security/AST-2018-009.html>

<b>Revision History</b>		
<b>Date</b>	<b>Editor</b>	<b>Revisions Made</b>
August 31, 2018	Richard Mudgett	Initial revision
September 20, 2018	Richard Mudgett	Added CVE name.

## Asterisk Project Security Advisory - AST-2018-009

Copyright © 2018 Digium, Inc. All Rights Reserved.

Permission is hereby granted to distribute and publish this advisory in its original, unaltered form.