

## Asterisk Project Security Advisory - AST-2020-004

<b>Product</b>	Asterisk
<b>Summary</b>	Remote crash in res_pjsip_diversion
<b>Nature of Advisory</b>	Denial of service
<b>Susceptibility</b>	Remote authenticated sessions
<b>Severity</b>	Moderate
<b>Exploits Known</b>	No
<b>Reported On</b>	December 02, 2020
<b>Reported By</b>	Mikhail Ivanov
<b>Posted On</b>	December 22, 2020
<b>Last Updated On</b>	December 23, 2020
<b>Advisory Contact</b>	kharwell AT sangoma DOT com
<b>CVE Name</b>	CVE-2020-35652

<b>Description</b>	A crash can occur in Asterisk when a SIP 181 response is received that has a Diversion header, which contains a tel-uri.
<b>Modules Affected</b>	res_pjsip_diversion.c

<b>Resolution</b>	Asterisk now ensures that if it receives a SIP 181 response with a Diversion header that contains a tel-uri a crash does not occur.
-------------------	---

<b>Affected Versions</b>		
<b>Product</b>	<b>Release Series</b>	
Asterisk Open Source	13.X	13.38.0
Asterisk Open Source	16.X	16.15.0
Asterisk Open Source	17.X	17.9.0
Asterisk Open Source	18.X	18.1.0

## Asterisk Project Security Advisory - AST-2020-004

Copyright © 2020 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-2020-004

<b>Corrected In</b>	
<b>Product</b>	<b>Release</b>
Asterisk Open Source	13.38.1, 16.15.1, 17.9.1, 18.1.1

<b>Patches</b>	
<b>SVN URL</b>	<b>Revision</b>
The associated patches for AST-2020-003 also fix this issue.	Asterisk 13, 16, 17, 18

<b>Links</b>	<a href="https://issues.asterisk.org/jira/browse/ASTERISK-29191">https://issues.asterisk.org/jira/browse/ASTERISK-29191</a> <a href="https://downloads.asterisk.org/pub/security/AST-2020-003.html">https://downloads.asterisk.org/pub/security/AST-2020-003.html</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This document may be superseded by later versions; if so, the latest version will be posted at 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-2020-004.pdf> and <http://downloads.digium.com/pub/security/AST-2020-004.html>

<b>Revision History</b>		
<b>Date</b>	<b>Editor</b>	<b>Revisions Made</b>
December 22, 2020	Kevin Harwell	Initial revision
December 23, 2020	Kevin Harwell	Added CVE

## Asterisk Project Security Advisory - AST-2020-004

Copyright © 2020 Digium, Inc. All Rights Reserved.

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