

Asterisk Project Security Advisory - AST-2018-005

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| Product | Asterisk |
| Summary | Crash when large numbers of TCP connections are closed suddenly |
| Nature of Advisory | Remote Crash |
| Susceptibility | Remote Authenticated Sessions |
| Severity | Moderate |
| Exploits Known | No |
| Reported On | January 24, 2018 |
| Reported By | Sandro Gauci |
| Posted On | February 21, 2018 |
| Last Updated On | February 21, 2018 |
| Advisory Contact | gjoseph AT digium DOT com |
| CVE Name | CVE-2018-7286 |

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| Description | A crash occurs when a number of authenticated INVITE messages are sent over TCP or TLS and then the connection is suddenly closed. This issue leads to a segmentation fault. |
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| Resolution | A patch to asterisk is available that prevents the crash by locking the underlying transport until a response is sent. |
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| Affected Versions | | |
|--------------------------|-----------------------|--------------|
| Product | Release Series | |
| Asterisk Open Source | 13.x | All Versions |
| Asterisk Open Source | 14.x | All Versions |
| Asterisk Open Source | 15.x | All Versions |
| Certified Asterisk | 13.18 | All Versions |

| Corrected In | |
|----------------------|-------------------------|
| Product | Release |
| Asterisk Open Source | 13.19.2, 14.7.6, 15.2.2 |
| Certified Asterisk | 13.18-cert3 |

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| Patches | |
|---|--------------------------|
| SVN URL | Revision |
| http://downloads.asterisk.org/pub/security/AST-2018-005-13.diff | Asterisk 13 |
| http://downloads.asterisk.org/pub/security/AST-2018-005-14.diff | Asterisk 14 |
| http://downloads.asterisk.org/pub/security/AST-2018-005-15.diff | Asterisk 15 |
| http://downloads.asterisk.org/pub/security/AST-2018-005-13.18.diff | Certified Asterisk 13.18 |

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| Links | https://issues.asterisk.org/jira/browse/ASTERISK-27618 http://downloads.asterisk.org/pub/security/AST-2018-005.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This document may be superseded by later versions; if so, the latest version will be posted at <http://downloads.digium.com/pub/security/AST-2018-005.pdf> and <http://downloads.digium.com/pub/security/AST-2018-005.html>

| Revision History | | |
|-------------------------|---------------|-----------------------|
| Date | Editor | Revisions Made |
| February 6, 2018 | George Joseph | Initial Revision |
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