Product	Asterisk
Summary	Exhaustion of Allowed Concurrent HTTP Connections
Nature of Advisory	Denial Of Service
Susceptibility	Remote Unauthenticated Sessions
Severity	Moderate
Exploits Known	No
Reported On	May 25, 2014
Reported By	Richard Mudgett
Posted On	May 9, 2014
Last Updated On	June 12, 2014
Advisory Contact	Richard Mudgett <rmudgett AT digium DOT com>
CVE Name	CVE-2014-4047

Description	Establishing a TCP or TLS connection to the configured HTTP or HTTPS port respectively in http.conf and then not sending or completing a HTTP request will tie up a HTTP session. By doing this repeatedly until the maximum number of open HTTP sessions is reached, legitimate requests are blocked.

Resolution	The patched versions now have a session_inactivity timeout option in http.conf that defaults to 30000 ms. Users should upgrade to a corrected version, apply the released patches, or disable HTTP support.

Affected Versions		
Product	**Release Series**	
Asterisk Open Source	1.8.x	All versions
Asterisk Open Source	11.x	All versions
Asterisk Open Source	12.x	All versions
Certified Asterisk	1.8.15	All versions
Certified Asterisk	11.6	All versions

Corrected In	
Product	**Release**
Asterisk Open Source	1.8.28.1, 11.10.1, 12.3.1
Certified Asterisk	1.8.15-cert6, 11.6-cert3

Patches	
SVN URL	**Revision**
http://downloads.asterisk.org/pub/security/AST-2014-007-1.8.diff	Asterisk 1.8
http://downloads.asterisk.org/pub/security/AST-2014-007-11.diff	Asterisk 11
http://downloads.asterisk.org/pub/security/AST-2014-007-12.diff	Asterisk 12
http://downloads.asterisk.org/pub/security/AST-2014-007-1.8.15.diff	Certified Asterisk 1.8.15
http://downloads.asterisk.org/pub/security/AST-2014-007-11.6.diff	Certified Asterisk 11.6

Links	https://issues.asterisk.org/jira/browse/ASTERISK-23673

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This document may be superseded by later versions; if so, the latest version will be posted at http://downloads.digium.com/pub/security/AST-2014-007.pdf and http://downloads.digium.com/pub/security/AST-2014-007.html

Revision History		
Date	**Editor**	**Revisions Made**
May 9, 2014	Richard Mudgett	Document Creation
June 12, 2014	Matt Jordan	Added CVE