Product	Asterisk
Summary	Multiple problems in SIP channel parser handling response codes
Nature of Advisory	Denial of Service
Susceptibility	Remote Unauthenticated Sessions
Severity	Critical
Exploits Known	No
Reported On	March 20, 2007
Reported By	Mantis user ID 'qwerty1979'
Posted On	April 24, 2007
Last Updated On	August 21, 2007
Advisory Contact	kpfleming@digium.com
CVE Name	CVE-2007-1594

Description	Multiple problems have been identified in the Asterisk SIP channel driver (chan_sip) when handling response packets from other SIP endpoints. If the response packets did not contain a valid response code in the first line of the UDP packet, the Asterisk SIP channel driver would fail to parse the packet properly and would cause the Asterisk process to die with a segmentation fault. This results in all active calls and other sessions being lost. More details about these issues can be found at http://bugs.digium.com/view.php?id=9313.

Resolution	All users are urged to upgrade to the appropriate version of their Asterisk product listed in the 'Corrected In' section below.

Affected Versions

Product	Release Series	
Asterisk Open Source	1.0.x	has not been evaluated as this release series is no longer maintained
Asterisk Open Source	1.2.x	all releases prior to 1.2.18
Asterisk Open Source	1.4.x	all releases prior to 1.4.3
Asterisk Business Edition	A.x.x	all releases
Asterisk Business Edition	B.x.x	all releases prior to and including B.1.3.2
AsteriskNOW	pre-release	all releases prior to and including Beta 5
Asterisk Appliance Developer Kit	0.x.x	all releases prior to 0.4.0

Corrected In

Product	Release
Asterisk Open Source	1.2.18 and 1.4.3, available from http://downloads.digium.com/pub/telephony/asterisk
Asterisk Business Edition	B.1.3.3, available from the Asterisk Business Edition user portal on http://www.digium.com or via Digium Technical Support
AsteriskNOW	Beta 6, when available from http://www.asterisknow.org, Beta 5 users can use use 'System Update' in the appliance control panel to update their version of AsteriskNOW
Asterisk Appliance Developer Kit	0.4.0, available from http://downloads.digium.com/pub/telephony/aadk

Links	http://bugs.digium.com/view.php?id=9313

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This document may be superseded by later versions; if so, the latest version will be posted at http://downloads.digium.com/pub/asa/AST-2007-011.pdf.

Revision History

Date	Editor	Revisions Made

April 24, 2007	kpfleming@digium.com	Initial Release
April 25, 2007	kpfleming@digium.com	added CVE Name and updated URL
August 21, 2007	russell@digium.com	Changed name prefix from ASA to AST, changed ftp.digium.com to downloads.digium.com