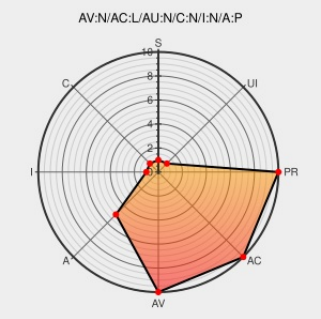
CVE-2007-3998

Published on: 09/04/2007 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:25:34 PM UTC

CVE-2007-3998

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

The wordwrap function in PHP 4 before 4.4.8, and PHP 5 before 5.2.4, does not properly use the breakcharlen variable, which allows remote attackers to cause a denial of service (divide-by-zero error and application crash, or infinite loop) via certain arguments, as demonstrated by a 'chr(0), 0, "" argument set.

CVE-2007-3998 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Ubuntu update for php - Advisories - Secunia	Third Party Advisory, web.archive.org, text/html	SECUNIA 27864
Debian update for php4 - Secunia Advisories - Vulnerability Intelligence - Secunia.com	Third Party Advisory, web.archive.org, text/html	SECUNIA 30288
Webmail : Solution de messagerie professionnelle - OVHcloud-OVH	Permissions Required, Third Party Advisory, www.vupen.com, text/html	VUPEN ADV-2007-3023
	Broken Link, www.trustix.org	TRUSTIX 2007-0026

	text/plain Inactive Link Not Archived	
Avaya Products PHP Multiple Vulnerabilities - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 27545
USN-549-2: PHP regression | Ubuntu	Third Party Advisory www.ubuntu.com text/html	UBUNTU USN-549-2
Fedora update for php - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 26930
Red Hat update for php - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 26871
Debian -- Security Information -- DSA-1444-2 php5	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-1444
rPath Update for Multiple php Packages - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 26838
PHP: PHP 5.2.4 Release Announcement	Vendor Advisory www.php.net text/html	CONFIRM www.php.net/releases/5_2_4.php
Debian -- Security Information -- DSA-1578-1 php4	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-1578
No Description Provided	Broken Link issues.rpath.com Inactive Link Not Archived	CONFIRM issues.rpath.com/browse/RPL-1702
rhn.redhat.com | Red Hat Support	Third Party Advisory www.redhat.com text/html	REDHAT RHSA-2007:0890
Gentoo Linux Documentation -- PHP: Multiple vulnerabilities	Third Party Advisory www.gentoo.org text/html	GENTOO GLSA-200710-02
No Description Provided	Broken Link issues.rpath.com Inactive Link Not Archived	CONFIRM issues.rpath.com/browse/RPL-1693
PHP wordwrap vulnerability	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	MISC secweb.se/en/advisories/php-wordwrap-vulnerability/
[security-announce] SUSE Security Announcement: php4, php5 (SUSE-SA:2008	Third Party Advisory lists.opensuse.org text/html	SUSE SUSE-SA:2008:004
ASA-2007-449 (RHSA-2007-0888, RHSA-2007-0889 & RHSA-2007-0890)	Third Party Advisory support.avaya.com text/html	CONFIRM support.avaya.com/elmodocs2/security/ASA-2007-449.htm

SUSE update for php4 and php5 - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 28658
Gentoo update for php - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 27102
Bug #173043 “php5 5.2.3-1ubuntu6.1 introduced segfault regressio...” : Bugs : “php5” package : Ubuntu	Third Party Advisory launchpad.net text/html	CONFIRM launchpad.net/bugs/173043
rPath update for php, php-mysql and php-pgsql - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 27377
Debian update for php5 - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 28249
rhn.redhat.com | Red Hat Support	Third Party Advisory www.redhat.com text/html	REDHAT RHSA-2007:0891
Repository / Oval Repository	Third Party Advisory oval.cisecurity.org text/html	OVAL oval:org.mitre.oval:def:10603
Mandriva update for php - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 26895
PHP: PHP 5 ChangeLog	Vendor Advisory www.php.net text/html	CONFIRM www.php.net/ChangeLog-5.php#5.2.4
Trustix Update for Multiple Packages - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 26822
USN-549-1: PHP vulnerabilities | Ubuntu security notices	Third Party Advisory usn.ubuntu.com text/html	UBUNTU USN-549-1
Red Hat update for php - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 26967
rhn.redhat.com | Red Hat Support	Third Party Advisory web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2007:0889
[SECURITY] Fedora Core 6 Update: php-5.1.6-3.7.fc6	Third Party Advisory www.redhat.com text/html	FEDORA FEDORA-2007-709
Advisories | Mandriva	Third Party Advisory www.mandriva.com text/html	MANDRIVA MDKSA-2007:187
PHP Multiple Vulnerabilities - Advisories - Secunia	Third Party Advisory web.archive.org text/html	SECUNIA 26642

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	6.10	All	All	All
Operating System	Canonical	Ubuntu Linux	7.04	All	All	All
Operating System	Canonical	Ubuntu Linux	7.10	All	All	All
Operating System	Canonical	Ubuntu Linux	6.06	All	All	All
Operating System	Canonical	Ubuntu Linux	6.10	All	All	All
Operating System	Canonical	Ubuntu Linux	7.04	All	All	All
Operating System	Canonical	Ubuntu Linux	7.10	All	All	All
Operating System	Debian	Debian Linux	3.1	All	All	All
Operating System	Debian	Debian Linux	4.0	All	All	All
Operating System	Debian	Debian Linux	3.1	All	All	All
Operating System	Debian	Debian Linux	4.0	All	All	All
Application	Php	Php	All	All	All	All
Application	Php	Php	All	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:6.06:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:6.10:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:7.04:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:7.10:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:6.06:*:*:*:lts:*:*:*:

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cpe:2.3:o:canonical:ubuntu_linux:7.04:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:7.10:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:3.1:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:4.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:3.1:*:*:*:*:*:*:*:

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cpe:2.3:a:php:php:*:*:*:*:*:*:*:*:

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