



CVE-2014-3478

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2014-3478
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-07-09 11:07:00 UTC
Updated	2016-11-28 19:11:00 UTC
Description	Buffer overflow in the mconvert function in softmagic.c in file before 5.19, as used in the Fileinfo component in PHP before 5.6.20, allows remote attackers to execute arbitrary code or cause a denial of service (memory consumption) via a crafted file, as demonstrated on the PHP 5.6.20 command-line interpreter. CVE-2014-3478 is a buffer overflow in the mconvert function in softmagic.c in file before 5.19, as used in the Fileinfo component in PHP before 5.6.20, which allows remote attackers to execute arbitrary code or cause a denial of service (memory consumption) via a crafted file, as demonstrated on the PHP 5.6.20 command-line interpreter.

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Christos Zoulas	File	5.00	All	All	All
Application	Christos Zoulas	File	5.01	All	All	All
Application	Christos Zoulas	File	5.02	All	All	All
Application	Christos Zoulas	File	5.03	All	All	All
Application	Christos Zoulas	File	5.04	All	All	All
Application	Christos Zoulas	File	5.05	All	All	All
Application	Christos Zoulas	File	5.06	All	All	All
Application	Christos Zoulas	File	5.07	All	All	All
Application	Christos Zoulas	File	5.08	All	All	All
Application	Christos Zoulas	File	5.09	All	All	All
Application	Christos Zoulas	File	5.10	All	All	All
Application	Christos Zoulas	File	5.11	All	All	All
Application	Christos Zoulas	File	5.12	All	All	All
Application	Christos Zoulas	File	5.13	All	All	All
Application	Christos Zoulas	File	5.14	All	All	All
Application	Christos Zoulas	File	5.15	All	All	All
Application	Christos Zoulas	File	5.16	All	All	All

Application	Christos Zoulas	File	5.17	All	All	All
Application	Christos Zoulas	File	5.00	All	All	All
Application	Christos Zoulas	File	5.01	All	All	All
Application	Christos Zoulas	File	5.02	All	All	All
Application	Christos Zoulas	File	5.03	All	All	All
Application	Christos Zoulas	File	5.04	All	All	All
Application	Christos Zoulas	File	5.05	All	All	All
Application	Christos Zoulas	File	5.06	All	All	All
Application	Christos Zoulas	File	5.07	All	All	All
Application	Christos Zoulas	File	5.08	All	All	All
Application	Christos Zoulas	File	5.09	All	All	All
Application	Christos Zoulas	File	5.10	All	All	All
Application	Christos Zoulas	File	5.11	All	All	All
Application	Christos Zoulas	File	5.12	All	All	All
Application	Christos Zoulas	File	5.13	All	All	All
Application	Christos Zoulas	File	5.14	All	All	All
Application	Christos Zoulas	File	5.15	All	All	All
Application	Christos Zoulas	File	5.16	All	All	All
Application	Christos Zoulas	File	5.17	All	All	All
Application	Christos Zoulas	File	All	All	All	All
Application	Php	Php	5.4.0	All	All	All
Application	Php	Php	5.4.1	All	All	All
Application	Php	Php	5.4.10	All	All	All
Application	Php	Php	5.4.11	All	All	All
Application	Php	Php	5.4.12	All	All	All
Application	Php	Php	5.4.12	rc1	All	All
Application	Php	Php	5.4.12	rc2	All	All
Application	Php	Php	5.4.13	All	All	All
Application	Php	Php	5.4.13	rc1	All	All
Application	Php	Php	5.4.14	All	All	All
Application	Php	Php	5.4.14	rc1	All	All
Application	Php	Php	5.4.15	rc1	All	All
Application	Php	Php	5.4.16	rc1	All	All
Application	Php	Php	5.4.17	All	All	All
Application	Php	Php	5.4.18	All	All	All

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Application	Php	Php	5.4.23	All	All	All
Application	Php	Php	5.4.24	All	All	All
Application	Php	Php	5.4.25	All	All	All
Application	Php	Php	5.4.26	All	All	All
Application	Php	Php	5.4.27	All	All	All
Application	Php	Php	5.4.28	All	All	All
Application	Php	Php	5.4.3	All	All	All
Application	Php	Php	5.4.4	All	All	All
Application	Php	Php	5.4.5	All	All	All
Application	Php	Php	5.4.6	All	All	All
Application	Php	Php	5.4.7	All	All	All
Application	Php	Php	5.4.8	All	All	All
Application	Php	Php	5.4.9	All	All	All
Application	Php	Php	5.5.0	All	All	All
Application	Php	Php	5.5.0	alpha1	All	All
Application	Php	Php	5.5.0	alpha2	All	All
Application	Php	Php	5.5.0	alpha3	All	All
Application	Php	Php	5.5.0	alpha4	All	All
Application	Php	Php	5.5.0	alpha5	All	All
Application	Php	Php	5.5.0	alpha6	All	All
Application	Php	Php	5.5.0	beta1	All	All
Application	Php	Php	5.5.0	beta2	All	All
Application	Php	Php	5.5.0	beta3	All	All
Application	Php	Php	5.5.0	beta4	All	All
Application	Php	Php	5.5.0	rc1	All	All
Application	Php	Php	5.5.0	rc2	All	All
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Application	Php	Php	5.5.10	All	All	All
Application	Php	Php	5.5.11	All	All	All
Application	Php	Php	5.5.12	All	All	All
Application	Php	Php	5.5.13	All	All	All

Application	Php	Php	5.5.13	All	All	All
Application	Php	Php	5.5.2	All	All	All
Application	Php	Php	5.5.3	All	All	All
Application	Php	Php	5.5.4	All	All	All
Application	Php	Php	5.5.5	All	All	All
Application	Php	Php	5.5.6	All	All	All
Application	Php	Php	5.5.7	All	All	All
Application	Php	Php	5.5.8	All	All	All
Application	Php	Php	5.5.9	All	All	All
Application	Php	Php	5.4.0	All	All	All
Application	Php	Php	5.4.1	All	All	All
Application	Php	Php	5.4.10	All	All	All
Application	Php	Php	5.4.11	All	All	All
Application	Php	Php	5.4.12	All	All	All
Application	Php	Php	5.4.12	rc1	All	All
Application	Php	Php	5.4.12	rc2	All	All
Application	Php	Php	5.4.13	All	All	All
Application	Php	Php	5.4.13	rc1	All	All
Application	Php	Php	5.4.14	All	All	All
Application	Php	Php	5.4.14	rc1	All	All
Application	Php	Php	5.4.15	rc1	All	All
Application	Php	Php	5.4.16	rc1	All	All
Application	Php	Php	5.4.17	All	All	All
Application	Php	Php	5.4.18	All	All	All
Application	Php	Php	5.4.19	All	All	All
Application	Php	Php	5.4.2	All	All	All
Application	Php	Php	5.4.20	All	All	All
Application	Php	Php	5.4.21	All	All	All
Application	Php	Php	5.4.22	All	All	All
Application	Php	Php	5.4.23	All	All	All
Application	Php	Php	5.4.24	All	All	All
Application	Php	Php	5.4.25	All	All	All
Application	Php	Php	5.4.26	All	All	All
Application	Php	Php	5.4.27	All	All	All
Application	Php	Php	5.4.28	All	All	All
Application	Php	Php	5.4.3	All	All	All

Application	Php	Php	5.4.4	All	All	All
Application	Php	Php	5.4.5	All	All	All
Application	Php	Php	5.4.6	All	All	All
Application	Php	Php	5.4.7	All	All	All
Application	Php	Php	5.4.8	All	All	All
Application	Php	Php	5.4.9	All	All	All
Application	Php	Php	5.5.0	All	All	All
Application	Php	Php	5.5.0	alpha1	All	All
Application	Php	Php	5.5.0	alpha2	All	All
Application	Php	Php	5.5.0	alpha3	All	All
Application	Php	Php	5.5.0	alpha4	All	All
Application	Php	Php	5.5.0	alpha5	All	All
Application	Php	Php	5.5.0	alpha6	All	All
Application	Php	Php	5.5.0	beta1	All	All
Application	Php	Php	5.5.0	beta2	All	All
Application	Php	Php	5.5.0	beta3	All	All
Application	Php	Php	5.5.0	beta4	All	All
Application	Php	Php	5.5.0	rc1	All	All
Application	Php	Php	5.5.0	rc2	All	All
Application	Php	Php	5.5.1	All	All	All
Application	Php	Php	5.5.10	All	All	All
Application	Php	Php	5.5.11	All	All	All
Application	Php	Php	5.5.12	All	All	All
Application	Php	Php	5.5.13	All	All	All
Application	Php	Php	5.5.2	All	All	All
Application	Php	Php	5.5.3	All	All	All
Application	Php	Php	5.5.4	All	All	All
Application	Php	Php	5.5.5	All	All	All
Application	Php	Php	5.5.6	All	All	All
Application	Php	Php	5.5.7	All	All	All
Application	Php	Php	5.5.8	All	All	All
Application	Php	Php	5.5.9	All	All	All
Application	Php	Php	All	All	All	All

Reference	Source	Link
file-5.19 is now available	MLIST	mx.gw
Oracle Bulletin Board Update - January 2015	CONFIRM	www.o
Debian -- Security Information -- DSA-3021-1 file	DEBIAN	www.d
Red Hat Customer Portal	REDHAT	rhn.rec
About the security content of OS X Mavericks v10.9.5 and Security Update 2014-004 - Apple Support	CONFIRM	suppor
About Secunia Research Flexera	SECUNIA	secuni
Correctly compute the truncated pascal string size (Francisco Alonso and · file/file@27a14bc · GitHub	CONFIRM	github.
'[security bulletin] HPSBUX03102 SSRT101681 rev.1 - HP-UX Apache Server Suite running Apache Tomcat o' - MARC	HP	marc.it
About Secunia Research Flexera	SECUNIA	secuni
APPLE-SA-2015-04-08-2 OS X 10.10.3 and Security Update 2015-004	APPLE	lists.ap
openSUSE-SU-2014:1236-1: moderate: several security fixes for php5	SUSE	lists.op
PHP :: Sec Bug #67410 :: fileinfo: mconvert incorrect handling of truncated pascal string size	CONFIRM	bugs.p
Red Hat Customer Portal	REDHAT	rhn.rec
Oracle Linux Bulletin - October 2015	CONFIRM	www.o
PHP Fileinfo Component CVE-2014-3478 Remote Denial of Service Vulnerability	BID	www.s
Debian -- Security Information -- DSA-2974-1 php5	DEBIAN	www.d
PHP: PHP 5 ChangeLog	CONFIRM	www.p
Red Hat Customer Portal	REDHAT	rhn.rec
About the security content of OS X Yosemite v10.10.3 and Security Update 2015-004 - Apple Support	CONFIRM	suppor
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.nis



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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