



CVE-2015-0231

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

Summary

CVE	CVE-2015-0231
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-01-27 20:03:00 UTC
Updated	2016-12-31 02:59:00 UTC
Description	Use-after-free vulnerability in the process_nested_data function in ext/standard/var_unserializer.re in PHP before 5.4.37, 5.

Risk And Classification

Problem Types: NVD-CWE-Other

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	5.4.29	All	All	All
Application	Php	Php	5.4.3	All	All	All
Application	Php	Php	5.4.30	All	All	All
Application	Php	Php	5.4.34	All	All	All
Application	Php	Php	5.4.35	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	5.5.14	All	All	All
Application	Php	Php	5.5.15	All	All	All
Application	Php	Php	5.5.16	All	All	All
Application	Php	Php	5.5.17	All	All	All
Application	Php	Php	5.5.18	All	All	All
Application	Php	Php	5.5.19	All	All	All
Application	Php	Php	5.5.2	All	All	All
Application	Php	Php	5.5.20	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	5.6.0	alpha1	All	All
Application	Php	Php	5.6.0	alpha2	All	All
Application	Php	Php	5.6.0	alpha3	All	All
Application	Php	Php	5.6.0	alpha4	All	All
Application	Php	Php	5.6.0	alpha5	All	All
Application	Php	Php	5.6.0	beta1	All	All
Application	Php	Php	5.6.0	beta2	All	All
Application	Php	Php	5.6.0	beta3	All	All
Application	Php	Php	5.6.0	beta4	All	All
Application	Php	Php	5.6.1	All	All	All
Application	Php	Php	5.6.2	All	All	All
Application	Php	Php	5.6.3	All	All	All
Application	Php	Php	5.6.4	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	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	5.4.29	All	All	All
Application	Php	Php	5.4.3	All	All	All
Application	Php	Php	5.4.30	All	All	All
Application	Php	Php	5.4.34	All	All	All
Application	Php	Php	5.4.35	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	5.5.14	All	All	All
Application	Php	Php	5.5.15	All	All	All
Application	Php	Php	5.5.16	All	All	All
Application	Php	Php	5.5.17	All	All	All
Application	Php	Php	5.5.18	All	All	All
Application	Php	Php	5.5.19	All	All	All
Application	Php	Php	5.5.2	All	All	All
Application	Php	Php	5.5.20	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	5.6.0	alpha1	All	All
Application	Php	Php	5.6.0	alpha2	All	All
Application	Php	Php	5.6.0	alpha3	All	All
Application	Php	Php	5.6.0	alpha4	All	All
Application	Php	Php	5.6.0	alpha5	All	All

Application	Php	Php	5.6.0	beta1	All	All
Application	Php	Php	5.6.0	beta2	All	All
Application	Php	Php	5.6.0	beta3	All	All
Application	Php	Php	5.6.0	beta4	All	All
Application	Php	Php	5.6.1	All	All	All
Application	Php	Php	5.6.2	All	All	All
Application	Php	Php	5.6.3	All	All	All
Application	Php	Php	5.6.4	All	All	All
Application	Php	Php	All	All	All	All

References	
Reference	Source
PHP :: Sec Bug #68710 :: Use After Free Vulnerability in PHP's unserialize() (Still Exploitable)	CONFIRM
'[security bulletin] HPSBUX03337 SSRT102066 rev.1 - HP-UX Apache Web Server Suite running Apache Web ' - MARC	HP
PHP CVE-2015-0231 Incomplete Fix Use After Free Remote Code Execution Vulnerability	BID
APPLE-SA-2015-09-30-3 OS X El Capitan 10.11	APPLE
Fix for bug #68710 (Use After Free Vulnerability in PHP's unserialize()) · php/php-src@b585a3a · GitHub	CONFIRM
Mageia Advisory: MGASA-2015-0040 - Updated php packages fix security vulnerabilities	CONFIRM
'[security bulletin] HPSBMU03409 rev.1 - HP Matrix Operating Environment, Multiple Vulnerabilities' - MARC	HP
Support / Security / Advisories // MDVSA-2015:032 Mandriva	MANDRIVA
PHP: Multiple vulnerabilities (GLSA 201503-03) — Gentoo security	GENTOO
Red Hat Customer Portal	REDHAT
Oracle Solaris Third Party Bulletin - July 2015	CONFIRM
Support / Security / Advisories // MDVSA-2015:079 Mandriva	MANDRIVA
Oracle Linux Bulletin - January 2016	CONFIRM
[security-announce] SUSE-SU-2015:0365-1: important: Security update for	SUSE
PHP: Multiple vulnerabilities (GLSA 201606-10) — Gentoo security	GENTOO
openSUSE-SU-2015:0325-1: moderate: Security update for php5	SUSE
'[security bulletin] HPSBMU03380 rev.1 - HP System Management Homepage (SMH) on Linux and Windows, Mu' - MARC	HP
Red Hat Customer Portal	REDHAT
About the security content of OS X El Capitan v10.11 - Apple Support	CONFIRM
PHP: PHP 5 ChangeLog	CONFIRM
Red Hat Customer Portal	REDHAT
Debian -- Security Information -- DSA-3195-1 php5	DEBIAN
1185397 – (CVE-2015-0231) CVE-2015-0231 php: use after free vulnerability in unserialize() (incomplete fix of CVE-2014-8142)	CONFIRM
CVE Program record	CVE.ORG

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)