CVE-2016-10161

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-10161
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-01-24 21:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The object_common1 function in ext/standard/var_unserializer.c in PHP before 5.6.30, 7.0.x before 7.0.15, and 7.1.x before

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

Problem Types: CWE-125 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:N/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:L/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Php	Php	7.0.0	All	All	All
Application	Php	Php	7.0.1	All	All	All
Application	Php	Php	7.0.10	All	All	All
Application	Php	Php	7.0.11	All	All	All
Application	Php	Php	7.0.12	All	All	All
Application	Php	Php	7.0.13	All	All	All
Application	Php	Php	7.0.14	All	All	All
Application	Php	Php	7.0.2	All	All	All
Application	Php	Php	7.0.3	All	All	All
Application	Php	Php	7.0.4	All	All	All
Application	Php	Php	7.0.5	All	All	All
Application	Php	Php	7.0.6	All	All	All
Application	Php	Php	7.0.7	All	All	All
Application	Php	Php	7.0.8	All	All	All
Application	Php	Php	7.0.9	All	All	All
Application	Php	Php	7.1.0	All	All	All
Application	Php	Php	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference
PHP: Multiple vulnerabilities (GLSA 201702-29) — Gentoo Security
Fix bug #73825 - Heap out of bounds read on unserialize in finish_nes… · php/php-src@16b3003 · GitHub
Debian -- Security Information -- DSA-3783-1 php5
PHP Multiple Flaws Let Remote and Local Users Obtain Potentially Sensitive Information, Deny Service, and Execute Arbitrary Code - Securit
Red Hat Customer Portal
[R5] SecurityCenter 5.4.3 Fixes Multiple Vulnerabilities - Security Advisory | Tenable Network Security
PHP CVE-2016-10161 Denial of Service Vulnerability
September 2017 PHP Vulnerabilities in NetApp Products | NetApp Product Security
PHP :: Sec Bug #73825 :: Heap out of bounds read on unserialize in finish_nested_data()
PHP: PHP 7 ChangeLog
PHP: PHP 5 ChangeLog
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

710436 Gentoo Linux Hypertext Preprocessor (PHP) Multiple Vulnerabilities (GLSA 201702-29)

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**