



CVE-2016-7413

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-7413
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-09-17 21:59:04 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Use-after-free vulnerability in the wddx_stack_destroy function in ext/wddx/wddx.c in PHP before 5.6.26 and 7.x before 7.0.

Risk And Classification

Primary CVSS: v3.0 9.8 CRITICAL from nvd@nist.gov

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

EPSS: 0.015950000 probability, percentile 0.817710000 (date 2026-05-06)

Problem Types: CWE-416 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/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	7.0.2	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	All	All	All	All

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

References	
Reference	Source
PHP :: Sec Bug #72860 :: wddx_deserialize use-after-free	af854
Fix bug #72860: wddx_deserialize use-after-free · php/php-src@b88393f · GitHub	af854
PHP Multiple Memory Corruption Errors Let Remote and Local Users Execute Arbitrary Code on the Target System - SecurityTracker	af854
[R6] SecurityCenter 5.4.1 Fixes Multiple Vulnerabilities - Security Advisory Tenable Network Security	af854
PHP: PHP 5 ChangeLog	af854
Red Hat Customer Portal	af854
PHP: Multiple vulnerabilities (GLSA 201611-22) — Gentoo security	af854
PHP: PHP 7 ChangeLog	af854
PHP CVE-2016-7413 Use After Free Denial of Service Vulnerability	af854
oss-security - Re: CVE assignment for PHP 5.6.26 and 7.0.11	af854
CVE Program record	CVE
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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