



CVE-2016-5096

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

CVE	CVE-2016-5096
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-08-07 10:59:09 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Integer overflow in the fread function in ext/standard/file.c in PHP before 5.5.36 and 5.6.x before 5.6.22 allows remote attac

Risk And Classification

Primary CVSS: v3.0 8.6 HIGH from nvd@nist.gov

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

Problem Types: CWE-190 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	8.6	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/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

Low

Integrity

Low

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/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	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	5.6.10	All	All	All
Application	Php	Php	5.6.11	All	All	All
Application	Php	Php	5.6.12	All	All	All
Application	Php	Php	5.6.13	All	All	All
Application	Php	Php	5.6.14	All	All	All
Application	Php	Php	5.6.15	All	All	All
Application	Php	Php	5.6.16	All	All	All

Application	Php	Php	5.6.17	All	All	All
Application	Php	Php	5.6.18	All	All	All
Application	Php	Php	5.6.19	All	All	All
Application	Php	Php	5.6.2	All	All	All
Application	Php	Php	5.6.20	All	All	All
Application	Php	Php	5.6.21	All	All	All
Application	Php	Php	5.6.3	All	All	All
Application	Php	Php	5.6.4	All	All	All
Application	Php	Php	5.6.5	All	All	All
Application	Php	Php	5.6.6	All	All	All
Application	Php	Php	5.6.7	All	All	All
Application	Php	Php	5.6.8	All	All	All
Application	Php	Php	5.6.9	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	Link
Document Display HPE Support Center	af854a3a-2127-422b-91ae-364da2661108	h20566.www2
PHP 'ext/standard/file.c' Multiple Denial of Service Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	www.securityf
PHP :: Sec Bug #72114 :: Integer underflow / arbitrary null write in fread/gzread	af854a3a-2127-422b-91ae-364da2661108	bugs.php.net
oss-security - Re: Fwd: CVE for PHP 5.5.36 issues	af854a3a-2127-422b-91ae-364da2661108	www.openwal
Fix bug #72114 - int/size_t confusion in fread · php/php-src@abd159c · GitHub	af854a3a-2127-422b-91ae-364da2661108	github.com
Debian -- Security Information -- DSA-3602-1 php5	af854a3a-2127-422b-91ae-364da2661108	www.debian.c
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	rhn.redhat.cor
PHP: PHP 5 ChangeLog	af854a3a-2127-422b-91ae-364da2661108	php.net
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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