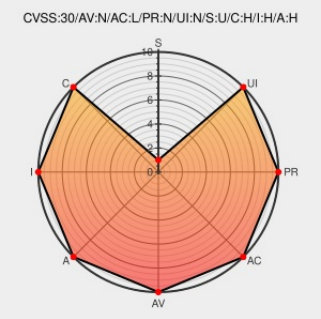
CVE-2016-7414

Published on: 09/17/2016 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:06 PM UTC

CVE-2016-7414

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Php from Php contain the following vulnerability:

The ZIP signature-verification feature in PHP before 5.6.26 and 7.x before 7.0.11 does not ensure that the uncompressed_filesize field is large enough, which allows remote attackers to cause a denial of service (out-of-bounds memory access) or possibly have unspecified other impact via a crafted PHAR archive, related to ext/phar/util.c and ext/phar/zip.c.

CVE-2016-7414 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.8 - CRITICAL

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
PHP :: Sec Bug #72928 :: Out of bound when verify signature of zip phar in phar_parse_zipfile	Exploit Issue Tracking bugs.php.net	CONFIRM bugs.php.net/bug.php?id=72928

	text/html	
PHP CVE-2016-7414 Heap Buffer Overflow Vulnerability	cve.report (archive) text/html	BID 93004
PHP Multiple Memory Corruption Errors Let Remote and Local Users Execute Arbitrary Code on the Target System - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1036836
[R6] SecurityCenter 5.4.1 Fixes Multiple Vulnerabilities - Security Advisory | Tenable Network Security	www.tenable.com text/html	CONFIRM www.tenable.com/security/tns-2016-19
Fix bug #72928 - Out of bound when verify signature of zip phar in ph… · php/php-src@0bfb970 · GitHub	Issue Tracking Patch github.com text/html	CONFIRM github.com/php/php-src/commit/0bfb970f43acd1e81d11be1154805f86655f15d5?w=1
Red Hat Customer Portal	access.redhat.com text/html	REDHAT RHSA-2018:1296
oss-security - Re: CVE assignment for PHP 5.6.26 and 7.0.11	Mailing List www.openwall.com text/html	MLIST [oss-security] 20160915 Re: CVE assignment for PHP 5.6.26 and 7.0.11
PHP: PHP 7 ChangeLog	Release Notes www.php.net text/html	CONFIRM www.php.net/ChangeLog-7.php
PHP: PHP 5 ChangeLog	Release Notes www.php.net text/html	CONFIRM www.php.net/ChangeLog-5.php
PHP: Multiple vulnerabilities (GLSA 201611-22) — Gentoo security	security.gentoo.org text/html	GENTOO GLSA-201611-22

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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	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

cpe:2.3:a:php:php:7.0.0:*:*:*:*:*:*:*:

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cpe:2.3:a:php:php:7.0.10:*:*:*:*:*:*:*:

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No vendor comments have been submitted for this CVE

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