



CVE-2016-4539

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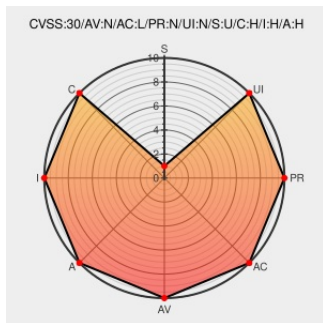
CVE-2016-4539

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Fedora](#) from [Fedoraproject](#) contain the following vulnerability:

The `xml_parse_into_struct` function in `ext/xml/xml.c` in PHP before 5.5.35, 5.6.x before 5.6.21, and 7.x before 7.0.6 allows remote attackers to cause a denial of service (buffer under-read and segmentation fault) or possibly have unspecified other impact via crafted XML data in the second argument, leading to a parser level of

zero.

CVE-2016-4539 has been assigned by [security@debian.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
Debian -- Security Information -- DSA-3602-1 php5	www.debian.org Deprecated Link	DEBIAN DSA-3602

	text/html	
openSUSE-SU-2016:1357-1: moderate: Security update for php5	lists.opensuse.org text/html	 SUSE openSUSE-SU-2016:1357
Document Display HPE Support Center	h20566.www2.hpe.com text/html	 CONFIRM h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05320149
Document Display HPE Support Center	h20566.www2.hpe.com text/html	 CONFIRM h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05390722
Document Display HPE Support Center	h20566.www2.hpe.com text/html	 CONFIRM h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05240731
PHP: PHP 7 ChangeLog	Patch php.net text/html	 CONFIRM php.net/ChangeLog-7.php
openSUSE-SU-2016:1524-1: moderate: Security update for php5	lists.opensuse.org text/html	 SUSE openSUSE-SU-2016:1524
oss-security - CVE Request: PHP: several issues fixed with 7.0.6, 5.6.21 and 5.5.35	www.openwall.com text/html	 MLIST [oss-security] 20160505 CVE Request: PHP: several issues fixed with 7.0.6, 5.6.21 and 5.5.35
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	 REDHAT RHSA-2016:2750
[SECURITY] Fedora 24 Update: php-5.6.21-1.fc24	lists.fedoraproject.org text/html	 FEDORA FEDORA-2016-f4e73663f4
PHP :: Sec Bug #72099 :: xml_parse_into_struct segmentation fault	Exploit bugs.php.net text/html	 CONFIRM bugs.php.net/bug.php?id=72099
PHP CVE-2016-4539 Remote Denial Of Service Vulnerability	cve.report (archive) text/html	 BID 90174
PHP: PHP 5 ChangeLog	Patch php.net text/html	 CONFIRM php.net/ChangeLog-5.php
PHP: Multiple vulnerabilities (GLSA 201611-22) — Gentoo security	security.gentoo.org text/html	 GENTOO GLSA-201611-22
208.43.231.11 Git - php-src.git/commit	git.php.net text/xml	 CONFIRM git.php.net/?p=php-src.git;a=commit;h=dccda88f27a084bcbbb30198ace12b4e7ae961cc

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating	Fedoraproject	Fedora	24	All	All	All

System						
Operating System	Fedoraproject	Fedora	24	All	All	All
Operating System	Opensuse	Leap	42.1	All	All	All
Operating System	Opensuse	Leap	42.1	All	All	All
Application	Php	Php	5.6.0	All	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	5.6.3	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	7.0.0	All	All	All
Application	Php	Php	7.0.1	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	5.6.0	All	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	5.6.3	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	7.0.0	All	All	All
Application	Php	Php	7.0.1	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	All	All	All	All
cpe:2.3:o:fedoraproject:fedora:24:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:24:*:*:*:*:*:						
cpe:2.3:o:opensuse:leap:42.1:*:*:*:*:*:						
cpe:2.3:o:opensuse:leap:42.1:*:*:*:*:*:						
cpe:2.3:a:php:php:5.6.0:*:*:*:*:*:						
cpe:2.3:a:php:php:5.6.1:*:*:*:*:*:						
cpe:2.3:a:php:php:5.6.10:*:*:*:*:*:						
cpe:2.3:a:php:php:5.6.11:*:*:*:*:*:						

cpe:2.3:a:php:php:5.6.12:*****:
cpe:2.3:a:php:php:5.6.13:*****:
cpe:2.3:a:php:php:5.6.14:*****:
cpe:2.3:a:php:php:5.6.15:*****:
cpe:2.3:a:php:php:5.6.16:*****:
cpe:2.3:a:php:php:5.6.17:*****:
cpe:2.3:a:php:php:5.6.18:*****:
cpe:2.3:a:php:php:5.6.19:*****:
cpe:2.3:a:php:php:5.6.2:*****:
cpe:2.3:a:php:php:5.6.20:*****:
cpe:2.3:a:php:php:5.6.3:*****:
cpe:2.3:a:php:php:5.6.4:*****:
cpe:2.3:a:php:php:5.6.5:*****:
cpe:2.3:a:php:php:5.6.6:*****:
cpe:2.3:a:php:php:5.6.7:*****:
cpe:2.3:a:php:php:5.6.8:*****:
cpe:2.3:a:php:php:5.6.9:*****:
cpe:2.3:a:php:php:7.0.0:*****:
cpe:2.3:a:php:php:7.0.1:*****:
cpe:2.3:a:php:php:7.0.2:*****:
cpe:2.3:a:php:php:7.0.3:*****:
cpe:2.3:a:php:php:7.0.4:*****:
cpe:2.3:a:php:php:7.0.5:*****:
cpe:2.3:a:php:php:5.6.0:*****:
cpe:2.3:a:php:php:5.6.1:*****:
cpe:2.3:a:php:php:5.6.10:*****:
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cpe:2.3:a:php:php:5.6.12:*****:
cpe:2.3:a:php:php:5.6.13:*****:

cpe:2.3:a:php:php:5.6.14:*****:
cpe:2.3:a:php:php:5.6.15:*****:
cpe:2.3:a:php:php:5.6.16:*****:
cpe:2.3:a:php:php:5.6.17:*****:
cpe:2.3:a:php:php:5.6.18:*****:
cpe:2.3:a:php:php:5.6.19:*****:
cpe:2.3:a:php:php:5.6.2:*****:
cpe:2.3:a:php:php:5.6.20:*****:
cpe:2.3:a:php:php:5.6.3:*****:
cpe:2.3:a:php:php:5.6.4:*****:
cpe:2.3:a:php:php:5.6.5:*****:
cpe:2.3:a:php:php:5.6.6:*****:
cpe:2.3:a:php:php:5.6.7:*****:
cpe:2.3:a:php:php:5.6.8:*****:
cpe:2.3:a:php:php:5.6.9:*****:
cpe:2.3:a:php:php:7.0.0:*****:
cpe:2.3:a:php:php:7.0.1:*****:
cpe:2.3:a:php:php:7.0.2:*****:
cpe:2.3:a:php:php:7.0.3:*****:
cpe:2.3:a:php:php:7.0.4:*****:
cpe:2.3:a:php:php:7.0.5:*****:
cpe:2.3:a:php:php:*****:

No vendor comments have been submitted for this CVE

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