



CVE-2015-5312

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2015-5312
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-12-15 21:59:00 UTC
Updated	2019-03-08 16:06:00 UTC
Description	The xmlStringLenDecodeEntities function in parser.c in libxml2 before 2.9.3 does not properly prevent entity expansion, wh

Risk And Classification

Problem Types: CWE-399

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Mac Os X	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Hp	Icwall Federation Agent	3.0	All	All	All

Application	Hp	IceWall Federation Agent	3.0	All	All	All
Application	Hp	IceWall File Manager	3.0	All	All	All
Application	Hp	IceWall File Manager	3.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Hpc Node	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Hpc Node	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Application	Xmlsoft	Libxml2	All	All	All	All

References

Reference	Source	Link
APPLE-SA-2016-03-21-2 watchOS 2.2	APPLE	lists.apple.com
APPLE-SA-2016-03-21-5 OS X El Capitan 10.11.4 and Security Update 2016-002	APPLE	lists.apple.com
Debian -- Security Information -- DSA-3430-1 libxml2	DEBIAN	www.debian.org
RHSA-2015:2549	REDHAT	rhn.redhat.com
APPLE-SA-2016-03-21-3 tvOS 9.2	APPLE	lists.apple.com
Bug 1276693 – CVE-2015-5312 libxml2: CPU exhaustion when processing specially crafted XML input	CONFIRM	bugzilla.redhat.com
openSUSE-SU-2016:0106-1: moderate: Security update for libxml2	SUSE	lists.opensuse.org
USN-2834-1: libxml2 vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
libxml2 CVE-2015-5312 XML Entity Expansion Denial of Service Vulnerability	BID	www.securityfocus.com
About the security content of watchOS 2.2 - Apple Support	CONFIRM	support.apple.com
About the security content of iOS 9.3 - Apple Support	CONFIRM	support.apple.com
openSUSE-SU-2015:2372-1: moderate: Security update for libxml2	SUSE	lists.opensuse.org
'[security bulletin] HPSBGN03537 rev.1 - HPE IceWall Federation Agent and IceWall File Manager runnin' - MARC	HP	marc.info
RHSA-2016:1089	REDHAT	rhn.redhat.com
Releases	CONFIRM	xmlsoft.org
Oracle Linux Bulletin - October 2015	CONFIRM	www.oracle.com
RHSA-2015:2550	REDHAT	rhn.redhat.com
libxml2: Multiple vulnerabilities (GLSA 201701-37) — Gentoo security	GENTOO	security.gentoo.org
APPLE-SA-2016-03-21-1 iOS 9.3	APPLE	lists.apple.com
Document Display HPE Support Center	CONFIRM	h20566.w
CVE-2015-5312: CPU exhaustion when processing specially crafted XML input	CONFIRM	cve.mitre.org

CVE-2015-5312 Another entity expansion issue (69030/14) · Commits · GNOME / libxml2 · GitLab	CONFIRM	git.gnome
About the security content of OS X El Capitan v10.11.4 and Security Update 2016-002 - Apple Support	CONFIRM	support.a
About the security content of tvOS 9.2 - Apple Support	CONFIRM	support.a
Libxml2 Multiple Flaws Let Remote Users Deny Service and Cause Other Unspecified Impacts - SecurityTracker	SECTRACK	www.sec
Oracle Solaris Bulletin - January 2016	CONFIRM	www.orac
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

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

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