CVE-2012-3405

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CVE-2012-3405

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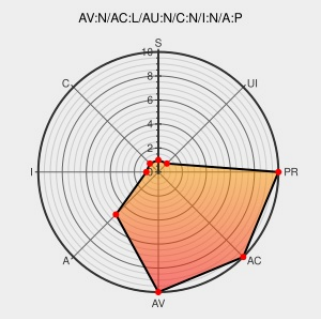

Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

The vfprintf function in stdio-common/vfprintf.c in libc in GNU C Library (aka glibc) 2.14 and other versions does not properly calculate a buffer length, which allows context-dependent attackers to bypass the FORTIFY_SOURCE format-string protection mechanism and cause a denial of service (segmentation fault and crash) via a format string with a large number of format specifiers that triggers "desynchronization within the buffer size handling," a different vulnerability than CVE-2012-3404.

CVE-2012-3405 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
USN-1589-1: GNU C Library vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-1589-1
oss-security - Re: CVE request: glibc formatted printing vulnerabilities	www.openwall.com text/html	MLIST [oss-security] 20120711 Re: CVE request: glibc formatted printing vulnerabilities
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2012:1098
13446 – (CVE-2012-3405) crash in vfprintf with more than 64 format	sourceware.org	CONFIRM

args and format specifiers (CVE-2012-3405)	text/html	sourceware.org/bugzilla/show_bug.cgi?id=13446
Gentoo Security	security.gentoo.org text/html	GENTOO GLSA-201503-04
833704 – (CVE-2012-3405) CVE-2012-3405 glibc: incorrect use of extend_alloca() in formatted printing can lead to FORTIFY_SOURCE format string protection bypass	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=833704
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2012:1200

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	10.04	-	lts	All
Operating System	Canonical	Ubuntu Linux	11.04	All	All	All
Operating System	Canonical	Ubuntu Linux	11.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	-	lts	All
Operating System	Canonical	Ubuntu Linux	8.04	-	lts	All
Operating System	Canonical	Ubuntu Linux	10.04	-	lts	All
Operating System	Canonical	Ubuntu Linux	11.04	All	All	All
Operating System	Canonical	Ubuntu Linux	11.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	-	lts	All
Operating System	Canonical	Ubuntu Linux	8.04	-	lts	All
Application	Gnu	Glibc	2.14	All	All	All
Application	Gnu	Glibc	2.14	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All

Application	Redhat	Enterprise Virtualization	3.0	All	All	All
Application	Redhat	Enterprise Virtualization	3.0	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:10.04:-:lts:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:11.04:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:11.10:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:12.04:-:lts:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:8.04:-:lts:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:10.04:-:lts:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:11.04:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:11.10:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:12.04:-:lts:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:8.04:-:lts:*:*:*:*:*:

cpe:2.3:a:gnu:glibc:2.14:*:*:*:*:*:*:*:

cpe:2.3:a:gnu:glibc:2.14:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:6.0:*:*:*:*:*:*:*:

cpe:2.3:o:redhat:enterprise_linux:6.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:enterprise_virtualization:3.0:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:enterprise_virtualization:3.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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