



CVE-2017-7613

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Summary

CVE	CVE-2017-7613
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-04-09 14:59:00 UTC
Updated	2019-06-20 03:15:00 UTC
Description	elflint.c in elfutils 0.168 does not validate the number of sections and the number of segments, which allows remote attackers to execute arbitrary code via crafted ELF executables.

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Elfutils Project	Elfutils	0.168	All	All	All
Application	Elfutils Project	Elfutils	0.168	All	All	All

References

Reference	Source	Link	Tags
[security-announce] openSUSE-SU-2019:1590-1: moderate: Security update for openSUSE	SUSE	lists.opensuse.org	
elfutils: memory allocation failure in xmalloc (xmalloc.c) agostino's blog	MISC	blogs.gentoo.org	Exploit, Patch, Third Party
elfutils: Multiple vulnerabilities (GLSA 201710-10) — Gentoo security	GENTOO	security.gentoo.org	Third Party Advisory
[SECURITY] [DLA 1689-1] elfutils security update	MLIST	lists.debian.org	Third Party Advisory
USN-3670-1: elfutils vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[710326](#) Gentoo Linux elfutils Multiple Vulnerabilities (GLSA 201710-10)

[752414](#) SUSE Enterprise Linux Security Update for dwarves and elfutils (SUSE-SU-2022:2614-1)

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