CVE-2018-18521

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Summary

CVE	CVE-2018-18521
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-10-19 17:29:00 UTC
Updated	2021-11-30 21:59:00 UTC
Description	Divide-by-zero vulnerabilities in the function arlib_add_symbols() in arlib.c in elfutils 0.174 allow remote attackers to cause a

Risk And Classification

Problem Types: CWE-369

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Elfutils Project	Elfutils	0.174	All	All	All
Application	Elfutils Project	Elfutils	0.174	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link	Tags
Mark Wielaard - [PATCH] arlib: Check that sh_entsize isn't zero.	MISC	sourceware.org	Mailing List, Pa

[security-announce] openSUSE-SU-2019:1590-1: moderate: Security update f	SUSE	lists.opensuse.org	
23786 – Divide-by-zero Problem in function arlib_add_symbols() in arlib.c in elfutils-0.174	MISC	sourceware.org	Exploit, Issue T
[SECURITY] [DLA 2802-1] elfutils security update	MLIST	lists.debian.org	
Red Hat Customer Portal	REDHAT	access.redhat.com	
[SECURITY] [DLA 1689-1] elfutils security update	MLIST	lists.debian.org	Mailing List, Th
USN-4012-1: elfutils vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, anal

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 178867 Debian Security Update for elfutils (DLA 2802-1)
- 377460 Alibaba Cloud Linux Security Update for elfutils (ALINUX2-SA-2019:0059)
- 671063 EulerOS Security Update for elfutils (EulerOS-SA-2019-2102)
- 671122 EulerOS Security Update for elfutils (EulerOS-SA-2019-2141)
- 752414 SUSE Enterprise Linux Security Update for dwarves and elfutils (SUSE-SU-2022:2614-1)