



CVE-2018-18520

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

Summary

CVE	CVE-2018-18520
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	An Invalid Memory Address Dereference exists in the function elf_end in libelf in elfutils through v0.174. Although eu-size is

Risk And Classification

Problem Types: CWE-119

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	All	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
[security-announce] openSUSE-SU-2019:1590-1: moderate: Security update f	SUSE	lists.opensuse.org	
Mark Wielaard - [PATCH] size: Handle recursive ELF ar files.	MISC	sourceware.org	Mailing List, Patch, Third F

[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	Third Party Advisory
USN-4012-1: elfutils vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
23787 – eu-size: Bad handling of ar files inside are files	MISC	sourceware.org	Exploit, Issue Tracking, Tr
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

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

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