



CVE-2022-38533

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Summary

CVE	CVE-2022-38533
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-26 00:15:00 UTC
Updated	2023-11-07 03:50:00 UTC
Description	In GNU Binutils before 2.40, there is a heap-buffer-overflow in the error function bfd_getl32 when called from the strip_mair

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Application	Gnu	Binutils	All	All	All	All
Application	Gnu	Binutils	All	All	All	All

References

Reference	Source	Link
29482 – strip: heap-buffer-overflow in coff_set_section_contents	MISC	sourceware.org
29482 – strip: heap-buffer-overflow in coff_set_section_contents	MISC	sourceware.org
GNU Binutils: Multiple Vulnerabilities (GLSA 202309-15) — Gentoo security	GENTOO	security.gentoo.org
CVE-2022-38533 GNU Binutils Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
sourceware.org Git - binutils-gdb.git/commit	MISC	sourceware.org
[SECURITY] Fedora 37 Update: mingw-binutils-2.38-5.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 36 Update: mingw-binutils-2.37-5.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 37 Update: mingw-binutils-2.38-5.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
PR29495, rewrite_elf_program_header looping · bminor/binutils-gdb@45d9243 · GitHub	MISC	github.com
sourceware.org Git		sourceware.org

[SECURITY] Fedora 36 Update: mingw-binutils-2.37-5.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
29495 – rewrite_elf_program_header looping	MISC	sourceware.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [181931](#) Debian Security Update for binutils (CVE-2022-38533)
- [199064](#) Ubuntu Security Notification for GNU binutils Vulnerability (USN-5762-1)
- [199995](#) Ubuntu Security Notification for GNU binutils Vulnerabilities (USN-6544-1)
- [283289](#) Fedora Security Update for mingw (FEDORA-2022-19538a3732)
- [283446](#) Fedora Security Update for mingw (FEDORA-2022-667ee398b1)
- [355214](#) Amazon Linux Security Advisory for binutils : ALAS2023-2023-119
- [502713](#) Alpine Linux Security Update for binutils
- [672355](#) EulerOS Security Update for binutils (EulerOS-SA-2022-2754)
- [672367](#) EulerOS Security Update for binutils (EulerOS-SA-2022-2719)
- [672406](#) EulerOS Security Update for binutils (EulerOS-SA-2022-2789)
- [672425](#) EulerOS Security Update for binutils (EulerOS-SA-2022-2839)
- [672437](#) EulerOS Security Update for binutils (EulerOS-SA-2022-2814)
- [672731](#) EulerOS Security Update for binutils (EulerOS-SA-2023-1490)
- [710758](#) Gentoo Linux GNU Binutils Multiple Vulnerabilities (GLSA 202309-15)
- [752893](#) SUSE Enterprise Linux Security Update for binutils (SUSE-SU-2022:4146-1)
- [752941](#) SUSE Enterprise Linux Security Update for binutils (SUSE-SU-2022:4277-1)
- [903721](#) Common Base Linux Mariner (CBL-Mariner) Security Update for binutils (10711)
- [903882](#) Common Base Linux Mariner (CBL-Mariner) Security Update for binutils (10714)
- [904155](#) Common Base Linux Mariner (CBL-Mariner) Security Update for binutils (10714-1)

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