



CVE-2023-1972

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2023-1972
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-05-17 22:15:00 UTC
Updated	2023-09-30 10:15:00 UTC
Description	A potential heap based buffer overflow was found in <code>_bfd_elf_slurp_version_tables()</code> in <code>bfd/elf.c</code> . This may lead to loss of av

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Binutils	All	All	All	All

References

Reference	Source	Link
2185646 – (CVE-2023-1972) CVE-2023-1972 binutils: Illegal memory access when accessing a zero-lengthverdef table	MISC	bugzilla
GNU Binutils: Multiple Vulnerabilities (GLSA 202309-15) — Gentoo security	GENTOO	securi
30285 – objdump heap-buffer-overflow in <code>_bfd_elf_print_private_bfd_data()</code> at <code>/binutils-gdb/bfd/elf.c:1844</code> (SIGSEGV)	MISC	source
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.ni

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[199363](#) Ubuntu Security Notification for GNU binutils Vulnerabilities (USN-6101-1)

[283932](#) Fedora Security Update for mingw (FEDORA-2023-b667dbdb59)

[283933](#) Fedora Security Update for insight (FEDORA-2023-b4d1469b54)

283934 Fedora Security Update for mingw (FEDORA-2023-d6560c7198)
283936 Fedora Security Update for insight (FEDORA-2023-5d51a42413)
284171 Fedora Security Update for mingw (FEDORA-2023-e8d8d8cca0)
284174 Fedora Security Update for insight (FEDORA-2023-8a6a30c142)
355467 Amazon Linux Security Advisory for binutils : ALAS2023-2023-229
503101 Alpine Linux Security Update for binutils
505855 Alpine Linux Security Update for binutils
673349 EulerOS Security Update for binutils (EulerOS-SA-2023-2633)
674079 EulerOS Security Update for binutils (EulerOS-SA-2023-2675)
710758 Gentoo Linux GNU Binutils Multiple Vulnerabilities (GLSA 202309-15)
754877 SUSE Enterprise Linux Security Update for binutils (SUSE-SU-2023:3695-1)
754965 SUSE Enterprise Linux Security Update for binutils (SUSE-SU-2023:3825-1)

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