



CVE-2021-3487

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Summary

CVE	CVE-2021-3487
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-04-15 14:15:00 UTC
Updated	2023-11-20 05:15:00 UTC
Description	There's a flaw in the BFD library of binutils in versions before 2.36. An attacker who supplies a crafted file to an application

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Application	Gnu	Binutils	All	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference

GNU Binutils: Multiple Vulnerabilities (GLSA 202208-30) — Gentoo security
[SECURITY] Fedora 33 Update: mingw-binutils-2.34-8.fc33 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 32 Update: mingw-binutils-2.32-10.fc32 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 33 Update: mingw-binutils-2.34-8.fc33 - package-announce - Fedora Mailing-Lists
1947111 – (CVE-2021-3487) CVE-2021-3487 binutils: excessive debug section size can cause excessive memory consumption in bfd's dwarf
[SECURITY] Fedora 34 Update: mingw-binutils-2.34-8.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: mingw-binutils-2.34-8.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 32 Update: mingw-binutils-2.32-10.fc32 - package-announce - Fedora Mailing-Lists
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159495 Oracle Enterprise Linux Security Update for binutils (ELSA-2021-4364)
183095 Debian Security Update for binutils (CVE-2021-3487)
198551 Ubuntu Security Notification for GNU binutils Vulnerabilities (USN-5124-1)
239817 Red Hat Update for binutils (RHSA-2021:4364)
281320 Fedora Security Update for mingw (FEDORA-2021-d23d016509)
281321 Fedora Security Update for mingw (FEDORA-2021-9bd201dd4d)
281322 Fedora Security Update for mingw (FEDORA-2021-7ca24ddc86)
296059 Oracle Solaris 11.4 Support Repository Update (SRU) 36.0.1.101.2 Missing (CPUJUL2021)
352841 Amazon Linux Security Advisory for gcc10-binutils: ALAS2-2021-1702
500067 Alpine Linux Security Update for binutils
501384 Alpine Linux Security Update for binutils
670423 EulerOS Security Update for binutils (EulerOS-SA-2021-1976)
670442 EulerOS Security Update for binutils (EulerOS-SA-2021-2058)
670453 EulerOS Security Update for binutils (EulerOS-SA-2021-2047)
670454 EulerOS Security Update for binutils (EulerOS-SA-2021-2212)
671710 EulerOS Security Update for binutils (EulerOS-SA-2022-1706)
690062 Free Berkeley Software Distribution (FreeBSD) Security Update for binutils (f4c54b81-bcc8-11eb-a7a6-080027f515ea)
710599 Gentoo Linux GNU Binutils Multiple Vulnerabilities (GLSA 202208-30)
751313 SUSE Enterprise Linux Security Update for binutils (SUSE-SU-2021:3593-1)
751321 SUSE Enterprise Linux Security Update for binutils (SUSE-SU-2021:3616-1)
751331 OpenSUSE Security Update for binutils (openSUSE-SU-2021:3616-1)
751350 OpenSUSE Security Update for binutils (openSUSE-SU-2021:1475-1)
751916 SUSE Enterprise Linux Security Update for binutils (SUSE-SU-2022:0934-1)
900099 CBL-Mariner Linux Security Update for binutils 2.32
903236 Common Base Linux Mariner (CBL-Mariner) Security Update for binutils (4076)

[940080](#) AlmaLinux Security Update for binutils (ALSA-2021:4364)

[960767](#) Rocky Linux Security Update for binutils (RLSA-2021:4364)

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