



CVE-2022-27943

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

Summary

CVE	CVE-2022-27943
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-26 13:15:00 UTC
Updated	2023-11-07 03:45:00 UTC
Description	libiberty/rust-demangle.c in GNU GCC 11.2 allows stack consumption in demangle_const, as demonstrated by nm-new.

Risk And Classification

Problem Types: CWE-674

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	36	All	All	All
Application	Gnu	Gcc	11.2	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 36 Update: mingw-gcc-11.2.1-6.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
28995 – [BUG] stack exhaustion in nm-new, function demangle_const	MISC	sourceware.org
[SECURITY] Fedora 36 Update: mingw-gcc-11.2.1-6.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
105039 – rust demangler stack overflow	MISC	gcc.gnu.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

[283299](#) Fedora Security Update for mingw (FEDORA-2022-c9a1fd5370)

[355235](#) Amazon Linux Security Advisory for gcc : ALAS2023-2023-145

591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
673433 EulerOS Security Update for binutils (EulerOS-SA-2023-3001)
673613 EulerOS Security Update for binutils (EulerOS-SA-2023-3024)
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)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)