



CVE-2020-28635

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

Summary

CVE	CVE-2020-28635
State	PUBLIC
Assigner	talos-cna@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-04-18 17:15:00 UTC
Updated	2024-01-25 21:32:00 UTC
Description	Multiple code execution vulnerabilities exists in the Nef polygon-parsing functionality of CGAL libcgall CGAL-5.1.1. A special

Risk And Classification

Problem Types: CWE-129

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cgal	Computational Geometry Algorithms Library	5.1.1	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 3226-1] cgal security update	MLIST	lists.debian.org	
TALOS-2020-1225 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	MISC	talosintelligence.com	
CGAL: Multiple Vulnerabilities (GLSA 202305-34) — Gentoo security	GENTOO	security.gentoo.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ar

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[180721](#) Debian Security Update for cgal (CVE-2020-28635)

[181304](#) Debian Security Update for cgal (DLA 3226-1)

[710744](#) Debian Security Update for cgal (DLA 3226-1)

© [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](#).

Free CVE JSON API [cve.report/api](#)

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