



CVE-2020-35457

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

Summary

CVE	CVE-2020-35457
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-12-14 23:15:00 UTC
Updated	2023-11-07 03:21:00 UTC
Description	** DISPUTED ** GNOME GLib before 2.65.3 has an integer overflow, that might lead to an out-of-bounds write, in g_option

Risk And Classification

Problem Types: CWE-787 | CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnome	Glib	All	All	All	All
Application	Gnome	Glib	All	All	All	All

References

Reference	Source	Link
2.65.3 · GNOME / GLib · GitLab	MISC	gitlab.gnome.o
Segfaulting Integer Overflow in g_option_group_add_entries (#2197) · Issues · GNOME / GLib · GitLab	MISC	gitlab.gnome.o
goption: Add a precondition to avoid GOptionEntry list overflow (63c5b62f) · Commits · GNOME / GLib · GitLab	MISC	gitlab.gnome.o
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

[670571](#) EulerOS Security Update for glib2 (EulerOS-SA-2021-2329)

[670615](#) EulerOS Security Update for glib2 (EulerOS-SA-2021-2373)

[670615](#) EulerOS Security Update for glib2 (EulerOS-SA-2021-2373)

[670854](#) EulerOS Security Update for glib2 (EulerOS-SA-2021-2329)

[670991](#) EulerOS Security Update for glib2 (EulerOS-SA-2021-2580)

[900103](#) CBL-Mariner Linux Security Update for glib 2.58.0

[901587](#) Common Base Linux Mariner (CBL-Mariner) Security Update for glib (6435-1)

[903073](#) Common Base Linux Mariner (CBL-Mariner) Security Update for glib (3681)

© [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](#)