



CVE-2023-32643

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

Summary

CVE	CVE-2023-32643
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-14 20:15:00 UTC
Updated	2023-09-20 14:32:00 UTC
Description	A flaw was found in GLib. The GVariant deserialization code is vulnerable to a heap buffer overflow introduced by the fix for

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference

- Multiple fixes for GVariant normalisation issues in GLib - Platform - GNOME Discourse
- (CVE-2023-32643) fuzz_variant_binary_byteswap: Heap-buffer-overflow in g_variant_serialised_get_child (#2840) · Issues · GNOME / GLib ·
- CVE Program record
- NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[199417](#) Ubuntu Security Notification for GLib Vulnerabilities (USN-6165-1)

[199839](#) Ubuntu Security Notification for GLib Vulnerabilities (USN-6165-2)

[284032](#) Fedora Security Update for mingw (FEDORA-2023-1a7e2b3dda)

[284071](#) Fedora Security Update for mingw (FEDORA-2023-9e5a29a25d)

[673279](#) EulerOS Security Update for glib2 (EulerOS-SA-2023-2612)

[673293](#) EulerOS Security Update for glib2 (EulerOS-SA-2023-2582)

© [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](#)