



# CVE-2023-1818

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2023-1818  |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | chrome-cve-admin@google.com  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2023-04-04 22:15:00 UTC  |
| <b>Updated</b>         | 2023-10-24 17:30:00 UTC  |
| <b>Description</b>     | Use after free in Vulkan in Google Chrome prior to 112.0.5615.49 allowed a remote attacker to potentially exploit heap corru |

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                        | Product                      | Version | Update | Edition | Language |
|------------------|-------------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Debian</a>        | <a href="#">Debian Linux</a> | 11.0    | All    | All     | All      |
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>       | 36      | All    | All     | All      |
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>       | 37      | All    | All     | All      |
| Application      | <a href="#">Google</a>        | <a href="#">Chrome</a>       | All     | All    | All     | All      |

## References

| Reference  | Source  | Link                               |
|--|---------|------------------------------------|
| Chromium, Google Chrome, Microsoft Edge: Multiple Vulnerabilities (GLSA 202309-17) — Gentoo security | MISC    | <a href="#">security.gentoo.o</a>  |
| [SECURITY] Fedora 37 Update: chromium-112.0.5615.49-1.fc37 - package-announce - Fedora Mailing-Lists | MISC    | <a href="#">lists.fedoraprojec</a> |
| Debian -- Security Information -- DSA-5386-1 chromium  | MISC    | <a href="#">www.debian.org</a>     |
| Chrome Releases: Stable Channel Update for Desktop   | MISC    | <a href="#">chromereleases.c</a>   |
| [SECURITY] Fedora 36 Update: chromium-112.0.5615.49-1.fc36 - package-announce - Fedora Mailing-Lists | MISC    | <a href="#">lists.fedoraprojec</a> |
| 1223346 - chromium - An open-source project to help move the web forward. - Monorail                 | MISC    | <a href="#">crbug.com</a>          |
| CVE Program record   | CVE.ORG | <a href="#">www.cve.org</a>        |
| NVD vulnerability detail   | NVD     | <a href="#">nvd.nist.gov</a>       |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[181734](#) Debian Security Update for chromium (DSA 5386-1)

[182727](#) Debian Security Update for chromium (CVE-2023-1818)

[199290](#) Ubuntu Security Notification for Chromium Vulnerabilities (USN-6021-1)

[283866](#) Fedora Security Update for chromium (FEDORA-2023-c93631749b)

[283868](#) Fedora Security Update for chromium (FEDORA-2023-78e350cb88)

[378340](#) Google Chrome Prior to 112.0.5615.49 Multiple Vulnerabilities

[378358](#) Microsoft Edge Based on Chromium Prior to 112.0.1722.34 Multiple Vulnerabilities

[691145](#) Free Berkeley Software Distribution (FreeBSD) Security Update for chromium (3d5581ff-d388-11ed-8581-a8a1599412c6)

[710759](#) Gentoo Linux Chromium, Google Chrome, Microsoft Edge Multiple Vulnerabilities (GLSA 202309-17)

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