



CVE-2021-46829

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Summary

| | |
|------------------------|---|
| CVE | CVE-2021-46829 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2022-07-24 19:15:00 UTC |
| Updated | 2023-11-07 03:40:00 UTC |
| Description | GNOME GdkPixbuf (aka GDK-PixBuf) before 2.42.8 allows a heap-based buffer overflow when compositing or clearing frames. |

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-------------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | Debian | Debian Linux | 11.0 | All | All | All |
| Operating System | Fedoraproject | Fedora | 35 | All | All | All |
| Application | Gnome | Gdk-pixbuf | All | All | All | All |

References

| Reference | Source | Link |
|---|---------|-------------------|
| Merge branch 'gif-overflow' into 'master' (5398f04d) · Commits · GNOME / gdk-pixbuf · GitLab | MISC | g |
| PoC/CVE-2021-46829.md at master · pedrib/PoC · GitHub | MISC | g |
| Release GdkPixbuf 2.42.8 (stable) (bca00032) · Commits · GNOME / gdk-pixbuf · GitLab | MISC | g |
| oss-security - Re: CVE Request: heap buffer overflow in gdk-pixbuf | MLIST | w |
| Buffer overwrite in io-gif-animation.c composite_frame() (possibly exploitable) (#190) · Issues · GNOME / gdk-pixbuf · GitLab | MISC | g |
| [SECURITY] Fedora 35 Update: mingw-gdk-pixbuf-2.42.8-1.fc35 - package-announce - Fedora Mailing-Lists | FEDORA | l |
| [SECURITY] Fedora 35 Update: mingw-gdk-pixbuf-2.42.8-1.fc35 - package-announce - Fedora Mailing-Lists | | l |
| gif: Check for overflow when compositing or clearing frames. (!121) · Merge requests · GNOME / gdk-pixbuf · GitLab | MISC | g |
| oss-security - CVE Request: heap buffer overflow in gdk-pixbuf | MISC | w |
| Debian -- Security Information -- DSA-5228-1 gdk-pixbuf | DEBIAN | w |
| CVE Program record | CVE.ORG | w |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160589](#) Oracle Enterprise Linux Security Update for gdk-pixbuf2 (ELSA-2023-2216)

[181003](#) Debian Security Update for gdk-pixbuf (DSA 5228-1)

[184692](#) Debian Security Update for gdk-pixbuf (CVE-2021-46829)

[198889](#) Ubuntu Security Notification for GDK-PixBuf Vulnerability (USN-5554-1)

[241444](#) Red Hat Update for gdk-pixbuf2 (RHSA-2023:2216)

[283040](#) Fedora Security Update for mingw (FEDORA-2022-7254ec5e96)

[356111](#) Amazon Linux Security Advisory for gdk-pixbuf2 : ALAS2023-2023-352

[752542](#) SUSE Enterprise Linux Security Update for gdk-pixbuf (SUSE-SU-2022:2995-1)

[752544](#) SUSE Enterprise Linux Security Update for gdk-pixbuf (SUSE-SU-2022:2996-1)

[941010](#) AlmaLinux Security Update for gdk-pixbuf2 (ALSA-2023:2216)

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