fbdev: udlfb: avoid divide-by-zero on FBIOPUT_VSCREENINFO

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-31605
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 15:16:39 UTC
Updated	2026-04-29 19:36:00 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: fbdev: udlfb: avoid divide-by-zero on FBIOPUT_VSCREEI

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

EPSS: 0.000180000 probability, percentile 0.048130000 (date 2026-04-27)

Problem Types: CWE-369

CVSS v3.1 Breakdown

Attack Vector
Local

Attack Complexity
Low

Privileges Required
Low

User Interaction
None

Scope
Unchanged

Confidentiality
None

Integrity
None

Availability
High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 59277b679f8b5ce594e367759256668eba652d0d cce24f70090e0decb597b88bc52e8ef8efed6105 git
CNA	Linux	Linux	affected 59277b679f8b5ce594e367759256668eba652d0d 03797cdee38ef19c87785622d423aabaafb71c5f git
CNA	Linux	Linux	affected 59277b679f8b5ce594e367759256668eba652d0d 6de048d78f3029744778b7a2891745f3ca7c209a gi
CNA	Linux	Linux	affected 59277b679f8b5ce594e367759256668eba652d0d cccbf9b7fdab48ce4feb69c24f7f928aa8e4e8b8 git
CNA	Linux	Linux	affected 59277b679f8b5ce594e367759256668eba652d0d afaaaa38579f1252bb42b145f6e88a955c4f73f3 git
CNA	Linux	Linux	affected 59277b679f8b5ce594e367759256668eba652d0d a31e4518bec70333a0a98f2946a12b53b45fe5b9 gi
CNA	Linux	Linux	affected 2.6.34
CNA	Linux	Linux	unaffected 2.6.34 semver
CNA	Linux	Linux	unaffected 6.6.136 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.83 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.24 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.14 6.19.* semver
CNA	Linux	Linux	unaffected 7.0.1 7.0.* semver
CNA	Linux	Linux	unaffected 7.1-rc1 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/cce24f70090e0decb597b88bc52e8ef8efed6105	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/afaaaa38579f1252bb42b145f6e88a955c4f73f3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/cccbf9b7fdab48ce4feb69c24f7f928aa8e4e8b8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/a31e4518bec70333a0a98f2946a12b53b45fe5b9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/03797cdee38ef19c87785622d423aabaafb71c5f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/6de048d78f3029744778b7a2891745f3ca7c209a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report