staging: sm750fb: fix division by zero in ps_to_hz()

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

Summary

CVE	CVE-2026-31603
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 19:07:12 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: staging: sm750fb: fix division by zero in ps_to_hz() ps_to_

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 81dee67e215b23f0c98182eece122b906d35765a 779412e0e391fd4a0d12e1d1adaa7bf043de62d7 gi
CNA	Linux	Linux	affected 81dee67e215b23f0c98182eece122b906d35765a 2f640c6043aeab31a2f607d7605271860c3b11df git
CNA	Linux	Linux	affected 81dee67e215b23f0c98182eece122b906d35765a 1412ba36597a82e928f20047f41d6c6582dafe8a git
CNA	Linux	Linux	affected 81dee67e215b23f0c98182eece122b906d35765a 6144895a4335a2491c282931f1f2fa610b86339f git
CNA	Linux	Linux	affected 81dee67e215b23f0c98182eece122b906d35765a daf6733bd7c4c5015b431739ac29b0e29021096b g
CNA	Linux	Linux	affected 81dee67e215b23f0c98182eece122b906d35765a 75a1621e4f91310673c9acbcbb25c2a7ff821cd3 git
CNA	Linux	Linux	affected 4.1
CNA	Linux	Linux	unaffected 4.1 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/daf6733bd7c4c5015b431739ac29b0e29021096b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/6144895a4335a2491c282931f1f2fa610b86339f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/2f640c6043aeab31a2f607d7605271860c3b11df	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/779412e0e391fd4a0d12e1d1adaa7bf043de62d7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/75a1621e4f91310673c9acbcbb25c2a7ff821cd3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/1412ba36597a82e928f20047f41d6c6582dafe8a	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.

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Free CVE JSON API cve.report/api

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